

**TOWN OF TEWKSBURY
STORMWATER ENTERPRISE FUND
FISCAL YEAR 2021 PROPOSED BUDGET**

<u>Direct Expenses</u>	<u>FY19 Expended</u>	<u>FY20 Approved</u>	<u>FY21 Recommended</u>	<u>Inc(Dec)</u>
Salaries	-	-	-	-
Expenses	-	-	637,940	637,940
Capital Outlay	-	-	-	-
Capital Improvements	-	-	500,000	-
Subtotal	-	-	1,137,940	1,137,940
				-
<u>Indirect Expenses</u>				
Subtotal	-	-	-	-
Total	-	-	1,137,940	1,137,940
				-
<u>Projected Sewer Revenue</u>	<u>FY19 Collected</u>	<u>FY20 Projected</u>	<u>FY21 Projected</u>	<u>Inc(Dec)</u>
User Fees	-	-	1,190,700	1,190,700
Total	-	-	1,190,700	1,190,700
				-
<i>Operating Deficit/Surplus</i>	-	-	<i>52,760</i>	<i>52,760</i>
<u>Capital Expenditures</u>	-	-	-	-
<i>Net Deficit/Surplus After Capital Expenditures</i>	-	-	<i>52,760</i>	<i>52,760</i>

DPW Stormwater	FY2017 BUDGETED	FY2017 EXPENDED	FY2018 BUDGETED	FY2018 EXPENDED	FY2019 BUDGETED	FY2019 EXPENDED	FY2020 BUDGETED	FY2021 DEPT REQ	FY2021 TM REC	FY2021 FIN COM REC
<i>Salaries</i>										
5111 Regular Salaries	-	-	-	-	-	-	-	-	-	-
5130 Overtime	-	-	-	-	-	-	-	-	-	-
5135 Uniform Allowance	-	-	-	-	-	-	-	-	-	-
5144 Night Call Back	-	-	-	-	-	-	-	-	-	-
5180 Working Out of Grade	-	-	-	-	-	-	-	-	-	-
Total Salaries	-	-	-	-	-	-	-	-	-	-
<i>Operating</i>										
5240 Repairs and Maintenance	-	-	-	-	-	-	-	58,000	58,000	-
5270 Leases and Contract Services	-	-	-	-	-	-	-	312,240	312,240	-
5310 Professional Services	-	-	-	-	-	-	-	211,500	211,500	-
5345 Postage	-	-	-	-	-	-	-	4,000	4,000	-
5423 Other Supplies and Exp.	-	-	-	-	-	-	-	51,700	51,700	-
5703 Dues and Memberships	-	-	-	-	-	-	-	-	-	-
5790 Staff Development	-	-	-	-	-	-	-	500	500	-
Total Operating	-	-	-	-	-	-	-	637,940	637,940	-
<i>Capital Outlay</i>										
5833 Capital Outlay	-	-	-	-	-	-	-	-	-	-
Total Capital Outlay	-	-	-	-	-	-	-	-	-	-
Total Budget	-	-	-	-	-	-	-	637,940	637,940	-

	FY2017 BUDGETED	FY2018 BUDGETED	FY2019 BUDGETED	FY2020 BUDGETED	FY2021 DEPT REQ	FY2021 TM REC	FY2021 FIN COM REC
Position	FTE	FTE	FTE	FTE	FTE	FTE	FTE
	-	-	-	-	-	-	-
Total Staffing	0	0	0	0	0	0	0

DESCRIPTION/DETAIL

DPW STORMWATER OPERATING
5240 Repairs and Maintenance

FY2017 BUDGETED	FY2017 EXPENDED	FY2018 BUDGETED	FY2018 EXPENDED	FY2019 BUDGETED	FY2019 EXPENDED	FY2020 BUDGETED	FY2021 DEPT REQ	FY2021 TM REC
-	-	-	-	-	-	-	58,000	58,000
Additional Supplies needed by inhouse staff for repair and construction basins, drains and leaching beds							16,000	16,000
Contracted adjustment and repair of Manholes and Catch basin associated with roadway improvements and maintenance of backlog							20,000	20,000
Police Details							4,000	4,000
Asphalt asociated with trenches and catch basin/manhole repairs							3,000	3,000
Removal of illicit discharges identified during IDDE Investigations. Cost will depend on nature of illicit discharge for removal and whether work can be completed using Town forces or whether outside assistance is needed from a contractor.							15,000	15,000
<i>Total 5240 Repairs and Maintenance:</i>							58,000	58,000

DESCRIPTION/DETAIL

DPW STORMWATER OPERATING

5270 Leases and Contract Services

FY2017 BUDGETED	FY2017 EXPENDED	FY2018 BUDGETED	FY2018 EXPENDED	FY2019 BUDGETED	FY2019 EXPENDED	FY2020 BUDGETED	FY2021 DEPT REQ	FY2021 TM REC
-	-	-	-	-	-	-	312,240	312,240
Contract street sweeping service for second annual cleaning to comply with the NPDES permit to sweep the entire town twice annually 2 sweepers for 20 days @ \$105/hr/sweeper							33,600	33,600
Incremental testing of sweeping materials							600	600
Disposal of sweeping materials assuming the same amount recovered as the spring sweeping							4,800	4,800
Clean Catch basins (1600) and dispose of soils in compliance with DEP Guidelines Estimated cost per basin \$43.05 including 2% increase over FY20 rates							68,880	68,880
Police Detail associated with contract catch basin cleaning (\$60.88)							5,000	5,000
Incremental costs associated with the Town's current cleaning schedule							1,360	1,360
Inspect, clean and maintain Town owned detention basins							100,000	100,000
Clean and Inspect storm drain pipes and associated manholes							98,000	98,000
<i>Total 5270 Leases and Contracts:</i>							312,240	312,240

DESCRIPTION/DETAIL

DPW STORMWATER OPERATING

5310 Professional Services

FY2017 BUDGETED	FY2017 EXPENDED	FY2018 BUDGETED	FY2018 EXPENDED	FY2019 BUDGETED	FY2019 EXPENDED	FY2020 BUDGETED	FY2021 DEPT REQ	FY2021 TM REC
-		-		-		-	211,500	211,500
Wetlands flagging and survey for various maintenance and inhouse improvements made to drain lines and detention ponds							10,000	10,000
Collection of samples by third party for Wet Weather Outfall Sampling Wet weather sampling must be completed at all outfalls where the catchment has a minimum of one (1) System Vulnerability Factor.							55,800	55,800
IDDE Investigations Implement Illicit Discharge Detection and Elimination Investigations as required by the conditions of the permit.							120,700	120,700
Chloride Reduction Plan Develop a Chloride Reduction Plan in catchment areas draining to Pinnacle Brook (MA83-15) and an unnamed tributary to the Shawsheen River (MA83-20) to achieve chloride reduction on municipal roads and facilities, and on private facilities, that drain to the MS4 within these watersheds.							25,000	25,000
<i>Total 5310 Professional Services:</i>							211,500	211,500

DESCRIPTION/DETAIL

DPW STORMWATER OPERATING

5345 Postage

FY2017 BUDGETED	FY2017 EXPENDED	FY2018 BUDGETED	FY2018 EXPENDED	FY2019 BUDGETED	FY2019 EXPENDED	FY2020 BUDGETED	FY2021 DEPT REQ	FY2021 TM REC
-	-	-	-	-	-	-	4,000	4,000

Correspondence various legal, project, permit communication/notification of especial importance are certified mailings for conservation Notice of Intent applications, Request for Determination and notices to residents associated with Illicit discharge and Permitted stormwater testing

Mailings for Public Education requirements in the MS4 Permit

Total 5345 Postage:

	1,000		1,000
	3,000	\$	3,000
	4,000		4,000

DESCRIPTION/DETAIL

DPW STORMWATER OPERATING

5423 All Other Supplies and Expenses

FY2017 BUDGETED	FY2017 EXPENDED	FY2018 BUDGETED	FY2018 EXPENDED	FY2019 BUDGETED	FY2019 EXPENDED	FY2020 BUDGETED	FY2021 DEPT REQ	FY2021 TM REC
-	-	-	-	-	-	-	51,700	51,700
Personal Safety gear, small power equipment and safety work zone supplies;							800	800
Posting of Legal ads							400	400
Printing costs for Public Education materials							7,000	7,000
Wet Weather Outfall Sampling Kits							5,000	5,000
Lab analysis for all pollutants of concern and E.coli tested by third party.							19,200	19,200
IDDE Investigation sampling kits and lab analysis							19,300	19,300
<i>Total 5423 All Other Office Supplies:</i>							51,700	51,700

DESCRIPTION/DETAIL

DPW STORMWATER OPERATING

5703 Dues and Memberships

FY2017 BUDGETED	FY2017 EXPENDED	FY2018 BUDGETED	FY2018 EXPENDED	FY2019 BUDGETED	FY2019 EXPENDED	FY2020 BUDGETED	FY2021 DEPT REQ	FY2021 TM REC
-	-	-	-	-	-	-	-	-

Total 5703 Dues and Memberships: - -

DESCRIPTION/DETAIL

DPW STORMWATER OPERATING

5790 Staff Development

FY2017 BUDGETED	FY2017 EXPENDED	FY2018 BUDGETED	FY2018 EXPENDED	FY2019 BUDGETED	FY2019 EXPENDED	FY2020 BUDGETED	FY2021 DEPT REQ	FY2021 TM REC
-	-	-	-	-	-	-	500	500

Meet training needs and update information concerning new technologies/techniques and regulatory changes etc. 500 500

Total 5790 Staff Development: 500 500

DESCRIPTION/DETAIL

DPW STORMWATER OPERATING

5833 Capital Outlay

FY2017 BUDGETED	FY2017 EXPENDED	FY2018 BUDGETED	FY2018 EXPENDED	FY2019 BUDGETED	FY2019 EXPENDED	FY2020 BUDGETED	FY2021 DEPT REQ	FY2021 TM REC
-		-		-		-	-	-

Total 5833 Capital Outlay: - -

Drain-Stormwater
5-Year Project Cost Estimates

Drainage/Stormwater

Budget Cost Elements	FY21	FY22	FY23	FY24	FY25	TOTAL
Site Acquisition	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Design/Eng.	\$225,000.00	\$35,000.00	\$35,000.00	\$190,000.00	\$55,000.00	\$540,000.00
Construction	\$275,000.00	\$585,000.00	\$480,000.00	\$300,000.00	\$500,000.00	\$2,140,000.00
Contingency						
TOTAL	\$500,000.00	\$620,000.00	\$515,000.00	\$490,000.00	\$555,000.00	\$2,680,000.00

Fiscal Year	Project Category	Location	Schedule	Cost	Fund
FY21	Cal 2020-2021				
Drains					
	Vernon at Water St Drain Installation	Vernon St	Construction	\$150,000.00	SW Enterprise
				\$150,000.00	
Stormwater Compliance					
	Requirements of MS4 Permit	Design and Installation of BMP at Municipal Property	Construction	\$125,000.00	SW Enterprise
				\$125,000.00	
Project Development and Permitting					
	Cayuga St Drain design	Cayuga St	Engineering Services	\$20,000.00	SW Enterprise
	Engineer Culvert Repair	Andover St at Hood Rd Culvert repair	Engineering Services	\$50,000.00	SW Enterprise
	Design Pringle St Culvert Replacement	Pringle St	Engineering Services	\$80,000.00	SW Enterprise
	Design Bayberry Ln Culvert	Bayberry Ln	Engineering Services	\$75,000.00	SW Enterprise
				\$225,000.00	
			Total Cost FY21	\$500,000.00	
FY22	Cal 2021- 2022				
Drains					
	Replace Culvert Bayberry Ln	Bayberry Ln	Construction	\$350,000.00	SW Enterprise
	CB Install	Old Boston Rd connection to Main St	Construction	\$35,000.00	MADOT
	Pipe and structure repair	Cayuga St	Construction	\$200,000.00	SW Enterprise
				\$585,000.00	
Stormwater Compliance					
				\$0.00	
Project Development and Permitting					
	Drain Improvement Design	Woburn St and Felker St neighborhood	Engineering Services	\$35,000.00	SW Enterprise
				\$35,000.00	
			Total Cost FY22	\$620,000.00	
FY23	Cal 2022 - 2023				
Drains					
	Headwall and Culvert Repair	Andover St @ Hood Rd	Construction	\$200,000.00	SW Enterprise
	Pringle St Culvert Replacement	Pringle St	Construction	\$280,000.00	SW Enterprise
				\$480,000.00	
Stormwater Compliance					
				\$0.00	
Project Development and Permitting					
	Tewmack Terr Drain Design	Wolcott St to Arkansas	Engineering Services	\$35,000.00	SW Enterprise
				\$35,000.00	
			Total Cost FY23	\$515,000.00	
FY24	Cal 2023-2024				
Drains					
	Install/Rebuild drain system	Woburn St x Felker St neighborhood	Construction	\$300,000.00	SW Enterprise
				\$300,000.00	
Stormwater Compliance					
				\$0.00	
Project Development and Permitting					
	Drain Improvement Design	Van Buren Road drainage system	Engineering Services	\$35,000.00	SW Enterprise
	Upper Pinnacle St Culvert Headwall	Pinnacle at Dunvegan	Engineering Services	\$80,000.00	
	Culvert Condition Assessment	Town wide	Engineering Services	\$75,000.00	
				\$190,000.00	
			Total Cost FY24	\$490,000.00	
FY25	Cal 2024-2025				
Drains					
	Tewmack Terr Drain Installation	Wolcott St to Arkansas	Construction	\$150,000.00	SW Enterprise
	Upper Pinnacle St Culvert Headwall	Pinnacle at Dunvegan	Construction	\$350,000.00	
				\$500,000.00	
Stormwater Compliance					
				\$0.00	
Project Development and Permitting					
	Drain Improvement Design	Location based on Stormwater Assessment and Resident concerns	Engineering Services	\$55,000.00	SW Enterprise
				\$55,000.00	
			Total Cost FY25	\$555,000.00	
	Van Buren Road	Van Buren Road drainage system	Construction	\$150,000.00	