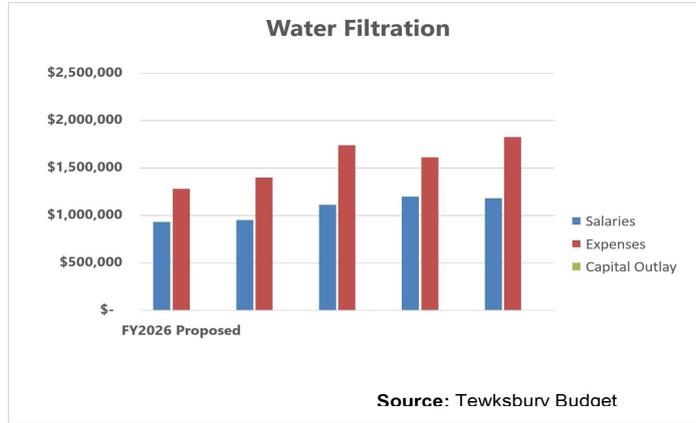


**Town of Tewksbury
Water Enterprise Fund: Filtration
Fiscal Year 2026 Proposed Budget**

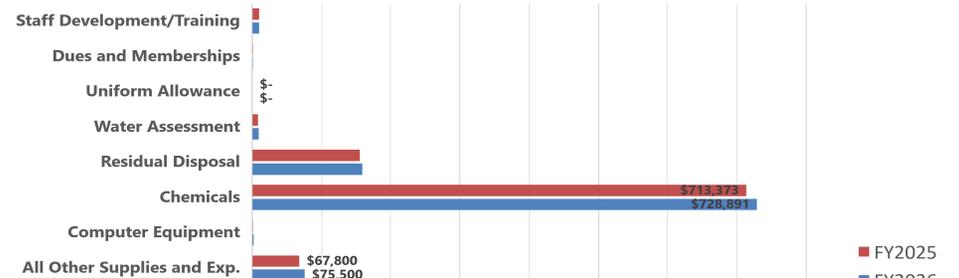
	<u>FY2022 Expended</u>	<u>FY2023 Expended</u>	<u>FY2024 Expended</u>	<u>FY2025 Budgeted</u>	<u>FY2026 Proposed</u>	<u>Inc(Dec)</u>	<u>Inc(Dec) %</u>
Salaries	\$ 927,191	\$ 946,984	\$ 1,106,274	\$ 1,190,952	\$ 1,176,725	\$ (14,227)	-1%
Expenses	1,272,404	1,391,161	1,734,085	1,605,490	1,819,971	214,481	13%
Capital Outlay	-	-	-	-	-	-	0%
	<u>\$ 2,199,595</u>	<u>\$ 2,338,145</u>	<u>\$ 2,840,359</u>	<u>\$ 2,796,442</u>	<u>\$ 2,996,696</u>	<u>\$ 200,255</u>	<u>7%</u>

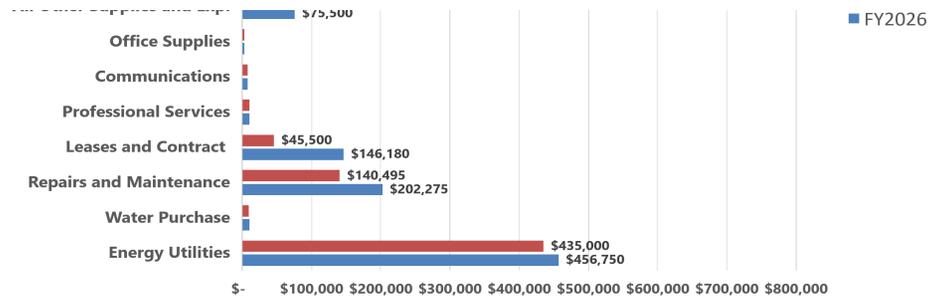


DPW WATER FILTRATION	FY2022	FY2022	FY2023	FY2023	FY2024	FY2024	FY2025	FY2026	FY2026	FY2026	Budget Chg	% Chg
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	DEPT REQ	TM REC	FIN COM REC		
<i>Salaries</i>												
5111 Regular	\$ 928,455	\$ 836,332	\$ 831,804	\$ 817,689	\$ 910,887	\$ 875,114	\$ 1,045,386	\$ 1,053,885	\$ 1,053,885		\$ 8,499.31	0.81%
5120 Temporary Part-Time Salaries	-	-	-	-	-	-	-	-	-			
5130 Overtime	76,000	53,141	94,000	89,100	197,475	196,410	81,900	84,000	84,000		\$ 2,100.00	2.56%
5135 Uniform Allowance	6,480	6,480	5,940	4,386	6,480	5,590	5,400	7,700	7,700		\$ 2,300.00	42.59%
5150 Car Allowance	7,200	7,200	7,200	7,200	7,200	6,600	7,200	3,600	3,600		\$ (3,600.00)	-50.00%
5160 Sick Leave Buy Back	13,559	579	3,209	-	3,334	-	23,456	-	-			
5163 Holiday Pay	25,650	23,459	26,179	25,708	18,835	18,835	25,110	25,040	25,040		\$ (70.40)	-0.28%
5180 All Other Salaries	2,000	-	3,600	2,902	3,800	3,726	2,500	2,500	2,500		\$ -	0.00%
Total Salaries	\$ 1,059,344	\$ 927,191	\$ 971,932	\$ 946,984	\$ 1,148,011	\$ 1,106,274	\$ 1,190,952	\$ 1,176,725	\$ 1,176,725		\$ (14,227.09)	-1.19%
<i>Operating</i>												
5210 Energy Utilities	\$ 435,148	\$ 404,859	\$ 471,745	\$ 441,736	\$ 413,679	\$ 400,254	\$ 435,000	\$ 456,750	\$ 456,750		\$ 21,750.00	5.00%
5231 Water Purchase	13,684	8,325	12,857	6,935	9,000	6,232	9,000	10,100	10,100		\$ 1,100.00	12.22%
5240 Repairs and Maintenance	194,710	133,230	190,876	176,725	223,053	216,921	140,495	202,275	202,275		\$ 61,780.00	43.97%
5270 Leases and Contract	77,892	65,370	36,712	35,005	145,963	142,772	45,500	146,180	146,180		\$ 100,680.00	221.27%
5310 Professional Services	-	-	-	-	18,300	18,300	10,000	10,000	10,000		\$ -	0.00%
5340 Communications	20,518	20,312	15,966	13,358	16,556	16,036	7,700	7,625	7,625		\$ (75.00)	-0.97%
5420 Office Supplies	1,509	1,062	600	521	2,056	1,416	2,600	3,000	3,000		\$ 400.00	15.38%
5423 All Other Supplies and Exp.	86,134	69,169	83,842	77,065	115,290	113,862	67,800	75,500	75,500		\$ 7,700.00	11.36%
5429 Computer Equipment	700	-	-	-	4,789	4,789	500	1,500	1,500		\$ 1,000.00	200.00%
5441 Chemicals	654,102	477,418	651,308	495,610	718,338	712,359	713,373	728,891	728,891		\$ 15,518.25	2.18%
5442 Residual Disposal	80,494	78,550	134,136	126,800	125,388	80,541	155,122	158,950	158,950		\$ 3,828.00	2.47%
5443 Water Assessment	8,000	8,000	9,055	9,055	8,433	8,433	8,200	9,000	9,000		\$ 800.00	9.76%
5580 Uniform Allowance	-	-	-	-	-	-	-	-	-			
5703 Dues and Memberships	342	342	700	700	700	500	700	700	700		\$ -	0.00%
5790 Staff Development/Training	8,848	5,766	9,621	7,651	13,554	11,671	9,500	9,500	9,500		\$ -	0.00%
Total Operating	\$ 1,582,080	\$ 1,272,404	\$ 1,617,418	\$ 1,391,161	\$ 1,815,100	\$ 1,734,085	\$ 1,605,490	\$ 1,819,971	\$ 1,819,971		\$ 214,481.25	13.36%
<i>Capital Outlay</i>												
5833 Capital Outlay	-	-	-	-	-	-	-	-	-			
Total Capital Outlay	-											
Total Budget	\$ 2,641,424	\$ 2,199,595	\$ 2,589,350	\$ 2,338,145	\$ 2,963,111	\$ 2,840,359	\$ 2,796,442	\$ 2,996,696	\$ 2,996,696		\$ 200,254.16	7.16%

Position	FY2022	FY2023	FY2024	FY2025	FY2026	FY2026	FY2026
	BUDGETED	BUDGETED	BUDGETED	BUDGETED	DEPT REQ	TM REC	FIN COM REC
Assistant Superintendent	0.3	0.3	0.3	0.3	0.3	0.3	
Chief Water Operator	1	1	1	1	1	1	
Chemist	1	1	1	1	1	1	
Head Filter Operator (HFO)	6	6	6	6	6	6	
Operator-in-training	2	2	2	2	2	2	
Water Machinery Repairman	1	1	1	1	1	1	
Project Manager							
Cross Connection Coordinator	1	1	1	1	1	1	
Intern	-	-	-	-	-	-	
Total Staffing	12	12	12.3	12.3	12.3	12.3	0

Water Filtration: Operating Expense Changes





Source: Tewksbury Budget

FISCAL YEAR 2025
DPW WATER FILTRATION DEPARTMENT SALARY INFORMATION TOWN MANAGER RECOMMENDED

Regular Salaries

Name	Position	Ann. Date	Grade	Step	Base Salary	Longevity %	Longevity \$	Wage Def.	Total Salary
Michael Donovan	Chief Operator	3/21/1994	A9	10	\$ 101,866	\$ -	\$ 3,700	\$ -	\$ 105,566
Matt Hirtle	Deputy Chief Operator	11/4/2002	A8	10	93,443	0%	3,200	\$0.00	96,643
Kaylyn Michaud	Chemist	8/7/2023	4	7	87,702	0%	-	\$0.00	87,702
Michael Brothers	Head Filter Oper.	8/30/2004	3B	7	83,864	0%	3,200	\$0.00	87,064
John Trazcinski	Head Filter Oper.	4/25/2022	3B	7	83,864	0%	-	\$0.00	83,864
William Pellerin	Head Filter Oper.	8/14/2023	3B	6	9,269	\$0.00	-	\$0	9,269
	Step Increase	12/31/1899	0	7	74,225	\$0.00	-	\$0	74,225
Andrew Kritter	Head Filter Oper.	8/14/2023	3B	3	7,800	\$ -	-	\$ -	7,800
	Step Increase	12/31/1899	0	4	63,611	\$ -	-	\$ -	63,611
Night Operator	Night Shift Differential	12/31/1899	0	0	5,356	\$0.00	-	\$0	5,356
VACANT	Head Filter Oper.	12/31/1899	3B	7	83,864	\$ -	-	\$ -	83,864
Night Operator	Night Shift Differential	12/31/1899	0	0	6,290	\$0.00	-	\$0	6,290
Stephen Bastek	Machinery Repairman	7/29/2024	3	6	5,751	\$0	-	\$0	5,751
	Step Increase	7/29/2025	3	7	72,076	\$0.00	-	\$0	72,076
Gillian Barlow	CrossConnection Surveyor	11/20/2023	3	3	24,145	\$0.00	-	\$0	24,145
	Step Increase	11/20/2025	3	4	41,205	\$0.00	-	\$0	41,205
Cameron Bomal	Filter Operator	7/29/2024	2	2	3,825	0%	-	-	3,825
	Step Increase	7/29/2025	3B	3	62,659	\$ -	-	\$ -	62,659
Adam Donovan	Filter Operator	7/29/2024	2	2	3,825	0%	-	\$0.00	3,825
	Step Increase	7/29/2025	3B	3	62,659	\$ -	-	\$ -	62,659
Michael Sheehan	Filter Operator	7/29/2024	2	2	3,825	\$0.00	-	\$0	3,825
	Step Increase	7/29/2025	3B	3	62,659	\$ -	-	\$ -	62,659
Total Regular Salaries					\$ 1,043,785	\$ -	\$ 10,100	\$ -	\$ 1,053,885

Temporary Part-Time Salaries

Name	Position	Ann. Date	Grade	Step	Base Salary	Longevity %	Longevity \$	Wage Def.	Total Salary
Total Temporary Part-Time Salaries					-				-

Overtime

Name	Position	Ann. Date	Grade	Step	Amount	Longevity %	Longevity \$	Wage Def.	Total Benefit
	HFOs and Chemist				\$ 84,000				\$ 84,000
Total Overtime					\$ 84,000				\$ 84,000

Uniform Allowance

Name	Position	Ann. Date	Grade	Step	Amount	Longevity %	Longevity \$	Wage Def.	Total Benefit
	(12) Staff			11	\$ 700				\$ 7,700
Total Uniform Allowance					\$ 700				\$ 7,700

Car Allowance

Name	Position				Per/Month	# Months			Total Benefit
Michael Donovan	Chief Operator				300	12			3,600
									-
Total Car Allowance					300				3,600

Sick Leave Buy Back

Name	Position	Retirement Date			# of Days	Annual Sal.	Weekly Sal.	Daily Sal.	Total Benefit
	Head Filter Oper.								-
	Head Filter Oper.								-
Total Sick Leave Buy-Back									-

Holiday Pay

Name	Position				Amount				Total Benefit
	(4) HFOs				\$ 25,040				\$ 25,040
Total Holiday Pay					\$ 25,040				\$ 25,040

All Other Salaries

Name	Position				Amount				Total Benefit
Out of Grade	HFOs				\$ 500				\$ 500
License Incentive					2,000				2,000
Total All Other Salaries					\$ 2,500				\$ 2,500

Department Total									\$ 1,176,725
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**FISCAL YEAR 2025
DPW WATER FILTRATION DEPARTMENT SALARY INFORMATION BUDGET REQUEST**

Regular Salaries

Name	Position	Ann. Date	Grade	Step	Base Salary	Longevity %	Longevity \$	Wage Def.	Total Salary	FY25 Budget	Budget Chg	% Chg
Michael Donovan	Chief Operator	3/21/1994	A9	10	\$ 101,866		\$ 3,700		\$ 105,566	\$ -		
Matt Hirtle	Deputy Chief Operator	11/4/2002	A8	10	93,443		3,200		96,643			
Kaylyn Michaud	Chemist	8/7/2023	4	7	87,702				87,702			
Michael Brothers	Head Filter Oper.	8/30/2004	3B	7	83,864		3,200		87,064			
John Trzcinski	Head Filter Oper.	4/25/2022	3B	7	83,864				83,864			
William Pellerin	Head Filter Oper.	8/14/2023	3B	6	9,269				9,269			
	Step Increase			7	74,225				74,225			
Andrew Kritter	Head Filter Oper.	8/14/2023	3B	3	7,800				7,800			
	Step Increase			4	63,611				63,611			
Night Operator	Night Shift Differential				5,356				5,356			
VACANT	Head Filter Oper.		3B	7	83,864				83,864			
Night Operator	Night Shift Differential				6,290				6,290			
Stephen Bastek	Machinery Repairman	7/29/2024	3	6	5,751				5,751			
	Step Increase	7/29/2025	3	7	72,076				72,076			
Gillian Barlow	CrossConnection Surveyor	11/20/2023	3	3	24,145				24,145			
	Step Increase	11/20/2025	3	4	41,205				41,205			
Cameron Bomal	Filter Operator	7/29/2024	2	2	3,825				3,825			
	Step Increase	7/29/2025	3B	3	62,659				62,659			
Adam Donovan	Filter Operator	7/29/2024	2	2	3,825				3,825			
	Step Increase	7/29/2025	3B	3	62,659				62,659			
Michael Sheehan	Filter Operator	7/29/2024	2	2	3,825				3,825			
	Step Increase	7/29/2025	3B	3	62,659				62,659			
Total Regular Salaries					\$ 1,043,785	\$ -	\$ 10,100	\$ -	\$ 1,053,885	\$ 1,045,386.00	\$ 8,499.31	0.81%

Temporary Part-Time Salaries

Name	Position	Ann. Date	Grade	Step	Base Salary	Longevity %	Longevity \$	Wage Def.	Total Salary
Total Temporary Part-Time Salaries					-				-

Overtime

Name	Position	Amount	Total Benefit
	HFOs and Chemist	\$ 84,000	\$ 84,000
Total Overtime		\$ 84,000	\$ 84,000

\$ 81,900.00 \$ 2,100.00 2.56%

Uniform Allowance

Name	Position	Amount	Total Benefit
	(11) Staff	\$ 700	\$ 7,700
Total Uniform Allowance		\$ 700	\$ 7,700

\$ 5,400.00 \$ 2,300.00 42.59%

Car Allowance

Name	Position	Per/Month	# Months	Total Benefit
Michael Donovan	Chief Operator	\$ 300	12	\$ 3,600
Total Car Allowance		\$ 300		\$ 3,600

\$ 7,200.00 \$ (3,600.00) -50.00%

Sick Leave Buy Back

Name	Position	Retirement Date	# of Days	Annual Sal.	Weekly Sal.	Daily Sal.	Total Benefit
							-
Total Sick Leave Buy-Back							-

\$ 23,456.00 \$ (23,456.00) -100.00%

Holiday Pay

Name	Position	Amount	Total Benefit
	(4) HFOs	\$ 25,040	\$ 25,040
Total Holiday Pay		\$ 25,040	\$ 25,040

\$ 23,456.00 \$ 1,583.60 6.75%

All Other Salaries

**FISCAL YEAR 2025
DPW WATER FILTRATION DEPARTMENT SALARY INFORMATION**

Regular Salaries

Name	Position	Ann. Date	Grade	Step	Base Salary	Longevity %	Longevity \$	Wage Def.	Total Salary
Scott Brinch	Assistant Director - Utility	12/18/2017	A10	10	\$ 35,235		\$ 350		\$ 35,585
Michael Donovan	Chief Operator	3/21/1994	A9	10	99,381		3,500		102,881
Matt Hirtle	Deputy Chief Operator	11/4/2002	A8	10	91,164		3,000		94,164
Kaylyn Michaud	Chemist	8/7/2023	4	7	85,563				85,563
Michael Brothers	Head Filter Oper.	8/30/2004	3B	7	81,819		3,000		84,819
Rose Doherty	Head Filter Oper.	6/15/2020	3B	7	81,819				81,819
Vacant	Machinery Repairman		3	5	69,080				69,080
Robert Miner	Head Filter Oper.	4/26/1999	3B	7	81,819		3,500		85,319
	Night Shift Differential				2,455				2,455
John Salerno	Head Filter Oper.	7/3/1989	3B	7	38,443		1,162	782	40,387
Repl. John Salerno	Head Filter Oper.	7/3/1989	3B	7	81,819				81,819
Gillian Barlow	CrossConnection Surveyor		3	7	76,153				76,153
John Trazcinski	Operator-in-training		3	7	76,153				76,153
William Pellerin	Operator-in-training	8/14/2023	3	2	6,817				6,817
	Step Increase		3	3	54,719				54,719
Andrew Kritter	Operator-in-training	8/14/2023	3	3	7,200				7,200
	Step Increase		3	4	58,000				58,000
Night Operator	Night Shift Differential				2,455				2,455
Total Regular Salaries					\$ 1,030,092	\$ -	\$ 14,512	\$ 782	\$ 1,045,386

Temporary Part-Time Salaries

Name	Position	Ann. Date	Grade	Step	Base Salary	Longevity %	Longevity \$	Wage Def.	Total Salary
Total Temporary Part-Time Salaries					-				-

Overtime

Name	Position	Ann. Date	Grade	Step	Amount	Longevity %	Longevity \$	Wage Def.	Total Benefit
	HFOs and Chemist				\$ 81,900				\$ 81,900
Total Overtime					\$ 81,900				\$ 81,900

Uniform Allowance

Name	Position	Ann. Date	Grade	Step	Amount	Longevity %	Longevity \$	Wage Def.	Total Benefit
	(12) Staff			10	\$ 5,400				\$ 5,400
Total Uniform Allowance					\$ 5,400				\$ 5,400

Car Allowance

Name	Position	Ann. Date	Grade	Step	Per/Month	# Months	Longevity %	Longevity \$	Wage Def.	Total Benefit
Michael Donovan	Chief Operator				\$ 300	12				\$ 3,600

Scott Brinch	Assistant Director				300	12			3,600
Total Car Allowance					\$ 600				\$ 7,200

Sick Leave Buy Back

Name	Position	Retirement Date		# of Days	Annual Sal.	Weekly Sal.	Daily Sal.	Total Benefit
Robert Miner	Head Filter Oper.			5	\$ 85,418	\$ 1,643	\$ 329	\$ 1,643
John Salerno	Head Filter Oper.			66	85,930	1,653	330.50	21,813
Total Sick Leave Buy-Back								\$ 23,456

Holiday Pay

Name	Position			Amount			Total Benefit
	(4) HFOs			\$ 25,110			\$ 25,110
Total Holiday Pay				\$ 25,110			\$ 25,110

All Other Salaries

Name	Position			Amount			Total Benefit
Out of Grade	HFOs			\$ 500.0			\$ 500.0
License Incentive				2,000			2,000
Total All Other Salaries				\$ 2,500			\$ 2,500

Department Total							\$ 1,190,952
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FISCAL YEAR 2024
DPW WATER FILTRATION DEPARTMENT SALARY INFORMATION

Regular Salaries

Name	Position	Ann. Date	Grade	Step	Base Salary	Longevity %	Longevity \$	Wage Def.	Total Salary
Scott Brinch	Assistant Director - Utili	12/18/2017	A10	10	\$ -		\$ -		\$ -
Michael Donovan	Chief Operator	3/21/1994	A9	9	56,178		3,200		59,378
	2/4/2024 Step	2/4/2023		10	39,378				39,378
Vacant	Chemist		4	7	83,476				83,476
Michael Brothers	Head Filter Oper.	8/30/2004	3B	7	79,824		2,200		82,024
Rose Doherty	Head Filter Oper.	6/15/2020	3B	7	79,824				79,824
	Night Shift Differential				2,395				2,395
Brian Beauchesne	Machinery Repairman		3	7	74,296				74,296
Matt Hirtle	Head Filter Oper.	11/4/2002	3B	7	79,824		2,700		82,524
Robert Miner	Head Filter Oper.	4/26/1999	3B	7	79,824		2,800	\$2,892.00	85,516
	Night Shift Differential				2,566				2,566
John Salerno	Head Filter Oper.	7/3/1989	3B	7	79,824		3,200	\$2,906.00	85,930
Raun Nichols	CrossConnection Survey	10/1/2019	3	7	74,296		250.00		74,546
John Jensen	Head Filter Oper.	4/5/2021	3b	7	79,824				79,824
John Trazcinski	Operator-in-training		3	6	56,385				56,385
	4/25/2024 Step			7	15,657				15,657
Vacant	Operator-in-training		3	2	2,168				2,168
Operator Pool	Night Shift Differential				5,000				5,000
Total Regular Salaries					\$ 890,739	\$ -	\$ 14,350	\$ 5,798	\$ 910,887

Temporary Part-Time Salaries

Name	Position	Ann. Date	Grade	Step	Base Salary	Longevity %	Longevity \$	Wage Def.	Total Salary
Total Temporary Part-Time Salaries					-				-

Overtime

Name	Position	Ann. Date	Grade	Step	Amount	Longevity %	Longevity \$	Wage Def.	Total Benefit
	HFOs and Chemist				\$ 197,475				\$ 197,475
Total Overtime					\$ 197,475				\$ 197,475

Uniform Allowance

Name	Position	Ann. Date	Grade	Step	Amount	Longevity %	Longevity \$	Wage Def.	Total Benefit
	(12) Staff			12	\$ 6,480				\$ 6,480
Total Uniform Allowance					\$ 6,480				\$ 6,480

Car Allowance

Name	Position				Per/Month	# Months			Total Benefit
Michael Donovan	Chief Operator				\$ 300	12			\$ 3,600
Scott Brinch	Assistant Director				300	12			3,600
Total Car Allowance					\$ 600				\$ 7,200

Sick Leave Buy Back

Name	Position	Retirement Date			# of Days	Annual Sal.	Weekly Sal.	Daily Sal.	Total Benefit
Robert Miner	Head Filter Oper.				5	\$ 88,082	\$ 1,687	\$ 337	\$ 1,687
John Salerno	Head Filter Oper.				5	85,930	1,646	329.23	1,647
Total Sick Leave Buy-Back									\$ 3,334

Holiday Pay

Name	Position				Amount				Total Benefit
	(4) HFOs				\$ 18,835				\$ 18,835
Total Holiday Pay					\$ 18,835				\$ 18,835

All Other Salaries

Name	Position				Amount				Total Benefit
Out of Grade	HFOs				\$ 500				\$ 500
License Incentive					3,300				3,300
Total All Other Salaries					\$ 3,800				\$ 3,800

Department Total									\$ 1,148,011
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DESCRIPTION/DETAIL

DPW WATER FILTRATION OPERATING

5210Energy Utilities

FY2022 BUDGETED	FY2022 EXPENDED	FY2023 BUDGETED	FY2023 EXPENDED	FY2024 BUDGETED	FY2024 EXPENDED	FY2025 BUDGETED	FY2026 DEPT REQ	FY2026 TM REC	Budget Chg	% Chg
435,148	404,859	471,745	441,736	413,679	400,254	435,000	456,750	456,750	\$ 21,750	5.00%

The annual flow through the plant is based on a consumption year of 910 million gallons and a high cost of \$356.3/MG (2018); the 4-year average is \$345/mg as outlined below

422,750 422,750

Natural gas has varried depending on serverity of winter weather
Avg Nat Grid and Direct Energy costs for last three years \$27,000;

34,000 34,000

Total 5210 Energy Utilities: 456,750 456,750

DESCRIPTION/DETAIL

DPW WATER FILTRATION EXPENSES

5231 Water Purchase

FY2022 BUDGETED	FY2022 EXPENDED	FY2023 BUDGETED	FY2023 EXPENDED	FY2024 BUDGETED	FY2024 EXPENDED	FY2025 BUDGETED	FY2026 DEPT REQ	FY2026 TM REC	Budget Chg	% Chg
13,684	8,325	12,857	6,935	9,000	6,232	9,000	10,100	10,100	\$ 1,100	12.22%

Purchase of water for residents supplied from the City of Lowell

10,100 10,100

Total 5231 Water Purchase:

10,100 10,100

DESCRIPTION/DETAIL

DPW WATER FILTRATION OPERATING

5270Leases and Contract Services

	FY2022 BUDGETED	FY2022 EXPENDED	FY2023 BUDGETED	FY2023 EXPENDED	FY2024 BUDGETED	FY2024 EXPENDED	FY2025 BUDGETED	FY2026 DEPT REQ	FY2026 TM REC	Budget Chg	% Chg
	77,892	65,370	36,712	35,005	145,963	142,772	45,500	146,180	146,180	\$ 100,680	221.27%
	FY26 Calc										
Instrument Calibration/Repair (Plant, monthly)			12	4,800		\$ 1,800	57,600	57,600	\$ 55,800	3100.00%	
Instrument Calibration program			4	3,500		\$ 14,000	14,000	14,000	\$ -	0.00%	
Thermo Fluoride applicator maintenance			1	1,000		\$ 1,000	1,000	1,000	\$ -	0.00%	
Lab Equipment Calibration (Annual)			1	1,500		\$ 1,500	1,500	1,500	\$ -	0.00%	
Copier Maintenance Contract			1	1,080		\$ 400	1,080	1,080	\$ 680	170.00%	
HVAC maintenance contract			1	16,000		\$ 5,000	16,000	16,000	\$ 11,000	220.00%	
Equipment / pump rental			1	200		\$ 200	200	200	\$ -	0.00%	
Syncta Computer Software Annual Support			1	3,700		\$ 800	3,700	3,700	\$ 2,900	362.50%	
Tank Rental Propane			1	200		\$ 200	200	200	\$ -	0.00%	
Tank Lease Nitrogen			1	300		\$ 200	300	300	\$ 100	50.00%	
Fire System Maintenance/Testing			2	1,500		\$ 5,000	3,000	3,000	\$ (2,000)	-40.00%	
Solarbee tank mixer Maintenance Contract			1	3,100		\$ 2,400	3,100	3,100	\$ 700	29.17%	
Backflow Consulting & Contracting Services			1	10,000		\$ 10,000	10,000	10,000	\$ -	0.00%	
Maintenance new SCADA system			1	2,000		\$ 2,000	2,000	2,000	\$ -	0.00%	
Photocopier Lease						\$ 1,000		-	\$ (1,000)	-100.00%	
NetLabs Contracted Testing Services			1	32,500				32,500	32,500	\$ 32,500	#DIV/0!
							45,500	146,180	146,180	\$ 100,680	221.27%

Total 5270 Leases and Contracts:

DESCRIPTION/DETAIL

DPW WATER FILTRATION OPERATING

5310 Professional Services

FY2022 BUDGETED	FY2022 EXPENDED	FY2023 BUDGETED	FY2023 EXPENDED	FY2024 BUDGETED	FY2024 EXPENDED	FY2025 BUDGETED	FY2026 DEPT REQ	FY2026 TM REC	Budget Chg	% Chg
-	-	-	-	18,300	18,300	10,000	10,000	10,000	\$ -	0.00%

Laboratory/Chemist Consultant

10,000 10,000

Total 5310 Professional Services:

10,000 10,000

DESCRIPTION/DETAIL

DPW WATER FILTRATION OPERATING

5340 Communications

	FY2022 BUDGETED	FY2022 EXPENDED	FY2023 BUDGETED	FY2023 EXPENDED	FY2024 BUDGETED	FY2024 EXPENDED	FY2025 BUDGETED	FY2026 DEPT REQ	FY2026 TM REC	Budget Chg	% Chg
	20,518	20,312	15,966	13,358	16,556	16,036	7,700	7,625	7,625	\$ (75)	-0.97%
CCR report and mailing							3,600	2,500	2,500	\$ (1,100)	-30.56%
CCTV Monitoring,							2,000	2,000	2,000	\$ -	0.00%
Cyber Comm License							100	125	125	\$ 25	25.00%
Telephone/FIOS (Verizon)							1,500	2,500	2,500	\$ 1,000	66.67%
Backflow direct mailing							500	500	500	\$ -	0.00%
							7,700	7,625	7,625	\$ (75)	-0.97%
<i>Total 5340 Communications:</i>							7,700	7,625	7,625	\$ (75)	-0.97%

DESCRIPTION/DETAIL

DPW WATER FILTRATION OPERATING

5420 Office Supplies

FY2022 BUDGETED	FY2022 EXPENDED	FY2023 BUDGETED	FY2023 EXPENDED	FY2024 BUDGETED	FY2024 EXPENDED	FY2025 BUDGETED	FY2026 DEPT REQ	FY2026 TM REC	Budget Chg	% Chg	
1,509	1,062	600	521	2,056	1,416	2,600	3,000	3,000	\$ 400	15.38%	
							Pens, paper, toner, fax supplies,	3,000	3,000		
							File cabinets, ink cartridges, laser jet cartridges				
							Labeling/chart printouts and business postage				
							<i>Total 5420 Office Supplies:</i>	3,000	3,000		

DESCRIPTION/DETAIL

DPW WATER FILTRATION OPERATING

5423 All Other Supplies and Equipment

FY2022 BUDGETED	FY2022 EXPENDED	FY2023 BUDGETED	FY2023 EXPENDED	FY2024 BUDGETED	FY2024 EXPENDED	FY2025 BUDGETED	FY2026 DEPT REQ	FY2026 TM REC	Budget Chg	% Chg
86,134	69,169	83,842	77,065	115,290	113,862	67,800	75,500	75,500	\$ 7,700	11.36%

Laboratory Budget

FY26 Calc

Performance Evaluation DEP	1	400	400	400	400	\$ -	0.00%
Laboratory Chemicals	1	42,000	\$ 47,200	42,000	42,000	\$ (5,200)	-11.02%
Instrumental Supplies, analytical kits, pH meter, supplies, standards, prob	1	16,000	\$ 4,000	16,000	16,000	\$ 12,000	300.00%
FEDEX for overnight sample shipments	1	3,500	\$ 3,500	3,500	3,500	\$ -	0.00%

PM Service Plans for Lab Equipment

Moved to Contract Services

General Plant Items

Cleaning supplies, brooms, mops, pads	1	1,000	1,600	1,000	1,000	\$ (600)	-37.50%
Paper products (TP, C-fold towels etc.)	1	1,400	1,200	1,400	1,400	\$ 200	16.67%
Safety supplies, replacement masks, filters	1	2,000	2,000	2,000	2,000	\$ -	0.00%
Misc. items, batteries, flashlights, gloves,	1	1,000	1,000	1,000	1,000	\$ -	0.00%
First Aid kit supplies	6	500	1,200	3,000	3,000	\$ 1,800	150.00%
Hazardous chemical disposal	1	1,000	1,000	1,000	1,000	\$ -	0.00%
Shop Tools	1	2,000	2,500	2,000	2,000	\$ (500)	-20.00%
Nitrogen gas, Propane	1	1,100	1,100	1,100	1,100	\$ -	0.00%
Safety shower/Eye wash/fume hood inspection	1	1,100	1,100	1,100	1,100	\$ -	0.00%

Total 5423 All Other Supplies and Equipment:

67,800 75,500 75,500 \$ 7,700 11.36%

DESCRIPTION/DETAIL

DPW WATER FILTRATION OPERATING

5429 Computer Equipment

	FY2022 BUDGETED	FY2022 EXPENDED	FY2023 BUDGETED	FY2023 EXPENDED	FY2024 BUDGETED	FY2024 EXPENDED	FY2025 BUDGETED	FY2026 DEPT REQ	FY2026 TM REC	Budget Chg	% Chg
	700	-	-	-	4,789	4,789	500	1,500	1,500	\$ 1,000	200.00%
Computer equipment as needed							500	500	500	\$ -	0.00%
Backflow Program tablets (2)								1,000	1,000	\$ 1,000	#DIV/0!
<i>Total 5429 Computer Equipment:</i>							500	1,500	1,500	\$ 1,000	200.00%

DESCRIPTION/DETAIL

DPW WATER FILTRATION OPERATING

Chemicals

FY2022 BUDGETED	FY2022 EXPENDED	FY2023 BUDGETED	FY2023 EXPENDED	FY2024 BUDGETED	FY2024 EXPENDED	FY2025 BUDGETED	FY2026 DEPT REQ	FY2026 TM REC	Budget Chg	% Chg
654,102	477,418	651,308	495,610	718,338	712,359	713,373	728,891	728,891	\$ 15,518	2.18%

Tewksbury Water Plant Chemical Budgeting Using Tank Fill Counts/Deliveries

This method is based on fill counts of chemical deliveries

Based on actual amount of each chemical used and historically how many deliveries or fills used.

One cycle of each chemical (where applicable) is added for contingency of a hot summer, high usage or low amount at end of year.

Depending on usage and how much chemical is left at the end of the year will determine if the extra fill is needed.

Certain chemicals such as GAC and ZOP will not have overages due to the nature of the usage.

Prediction of Chemical Use and Expected Cost

Chemical Name	Amount	Units	Fills	Cost /fill FY25	FY25 Total Cost	FY26 Projection	
NaChlorite	1000	gallons	7	\$6,983	\$48,878	\$51,321	5% Increase
Alum	4000	gallons	12	\$7,560	\$90,720	\$95,256	5% Increase
Hypo	4000	gallons	7	\$8,673	\$60,711	\$63,747	5% Increase
HCl	330	gallons	14	\$1,523	\$21,315	\$22,381	5% Increase
Silly Acid (Fluoride)	300	gallons	8	\$1,822	\$14,576	\$15,305	5% Increase
25% NaOH	4000	gallons	12	\$5,969	\$71,628	\$75,209	5% Increase
ZOP (Corrosion Inhibit)	1000	gallons	2	\$9,450	\$18,900	\$19,845	5% Increase
PAC	1	bags	5	\$1,700	\$8,500	\$8,925	5% Increase
GAC (two filters per year)	37500	pounds	2	\$84,375	\$168,750	\$168,750	Contract Price
Diatomaceous Earth	40	bags	8	\$24,780	\$198,240	\$208,152	5% Increase
						\$728,891	
					<i>Total Chemicals:</i>	\$ 728,891	\$ 728,891

Some misc. chemicals are purchased such as ice melter, back-up barrels of chemicals etc.

Hypo use was very high in summer 2020 due to drought, river conditions, and residents WFH

DESCRIPTION/DETAIL

DPW WATER FILTRATION OPERATING

Residual Disposal

FY2022 BUDGETED	FY2022 EXPENDED	FY2023 BUDGETED	FY2023 EXPENDED	FY2024 BUDGETED	FY2024 EXPENDED	FY2025 BUDGETED	FY2026 DEPT REQ	FY2026 TM REC	Budget Chg	% Chg
80,494	78,550	134,136	126,800	125,388	80,541	155,122	158,950	158,950	\$ 3,828	2.47%

Removal and disposal of solid Waste residuals removed from the Water Filtering process
3-Year Average 86,440

Residuals Calculation:

New annual average based on 890 Million Gallons of water production and producing 35 mg/L of total settling solids from the pretreatment.
The plant will use about 365,000 lbs. of DE which will remove 331,500 (+/-) lbs of solids.
The typical sludge has a moisture content of about 33%. Therefore the 697,000 lbs of solids will yield 2,112,671 lbs of wet cake.
Amount generated: 1,060 +/- tons of wet cake per year.
Unit load (Dumpster) consist of 5-6 runs. Each run @ 3 tons +/-, for a total of 15-18 tons +/- per pull
Sludge is blended with compost per DEP requirements
Compost approx. 0.75 ton/cy

	FY25	FY26	Projected Increase
60 300 Transport to Yard	18,000	19,800	
1200 50 Hauling sludge to Site	66,000	72,600	10% Increase
900 50 Hauling compost to Site	49,500	54,450	10% Increase
	<u>133,500</u>	<u>146,850</u>	
Consultant fees for permitting, sampling, and brokering.	11,000	12,100	10% Increase
Total	144,500	158,950	

Residuals are now transported weekly and stockpiled at the DPW Yard.
Semi-annually residuals are mixed with yard waste/compost and hauled to farms in the area.
Almost 60 transports per year now
More water produced and trucking has gone up

Total Residual Disposal: - 158,950

DESCRIPTION/DETAIL

DPW WATER FILTRATION OPERATING

Water Assessment

	FY2022 BUDGETED	FY2022 EXPENDED	FY2023 BUDGETED	FY2023 EXPENDED	FY2024 BUDGETED	FY2024 EXPENDED	FY2025 BUDGETED	FY2026 DEPT REQ	FY2026 TM REC	Budget Chg	% Chg
	8,000	8,000	9,055	9,055	8,433	8,433	8,200	9,000	9,000	\$ 800	9.76%
Mandatory fee charged by DEP based on previous years reported water volumes								9,000	9,000		
								<i>Total Water Assessment:</i>	9,000	9,000	

DESCRIPTION/DETAIL

DPW WATER FILTRATION OPERATING

5580 Uniform Allowance

FY2022 BUDGETED	FY2022 EXPENDED	FY2023 BUDGETED	FY2023 EXPENDED	FY2024 BUDGETED	FY2024 EXPENDED	FY2025 BUDGETED	FY2026 DEPT REQ	FY2026 TM REC
-	-	-	-	-	-	-	-	-

Total 5580 Uniform Allowance:

-

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DESCRIPTION/DETAIL

DPW WATER FILTRATION OPERATING

5703Dues and Memberships

FY2022 BUDGETED	FY2022 EXPENDED	FY2023 BUDGETED	FY2023 EXPENDED	FY2024 BUDGETED	FY2024 EXPENDED	FY2025 BUDGETED	FY2026 DEPT REQ	FY2026 TM REC	Budget Chg	% Chg
342	342	700	700	700	500	700	700	700	\$ -	0.00%

Professional Water and Microbiology organizations and publications incl 700 700
 New England Water Works Assoc, Massachusetts Water Works Assoc for Chief Operator and Chemist

Total 5703 Dues and Memberships: 700 700

DESCRIPTION/DETAIL

DPW WATER FILTRATION OPERATING

5790 Staff Development/Training

FY2022 BUDGETED	FY2022 EXPENDED	FY2023 BUDGETED	FY2023 EXPENDED	FY2024 BUDGETED	FY2024 EXPENDED	FY2025 BUDGETED	FY2026 DEPT REQ	FY2026 TM REC	Budget Chg	% Chg
8,848	5,766	9,621	7,651	13,554	11,671	9,500	9,500	9,500	\$ -	0.00%
							Training and Certification for Backflow Coordinator	2,500	2,500	
							Staff Development and Safety Training	2,500	2,500	
							CEU's for treatment license Recertification	3,500	3,500	
							CEU's for laboratory/Chemist Recertification	1,000	1,000	
							<i>Total 5790 Staff Development/Training:</i>	9,500	9,500	

DESCRIPTION/DETAIL

DPW WATER FILTRATION

5833 Capital Outlay

FY2022 BUDGETED	FY2022 EXPENDED	FY2023 BUDGETED	FY2023 EXPENDED	FY2024 BUDGETED	FY2024 EXPENDED	FY2025 BUDGETED	FY2026 DEPT REQ	FY2026 TM REC
-		-	-	-		-	-	-

Total 5833 Capital Outlay:

- -
- -