FIFTEEN ROPE FERRY ROAD
WATERFORD, CT 06385-2886

PHONE: 860-442-0553
www.waterfordct.org

BOARD OF FINANCE
AGENDA

Waterford Town Hall
Budget Hearing

Monday, March 20, 2023
Town Hall, 7:00 p.m.

1. Call to Order
2. Public Comment
3. 10111 – Building Maintenance
4. 10130 – Public Works
5. 10138 – Capital Improvements
6. 10139 – Debt Service
7. 10140 – Transfers to Capital and Non-Recurring Expenditure Fund
8. Adjournment

Glenn Patterson, Chairman

BOARD OF FINANCE
BUDGET HEARING SCHEDULE
FISCAL YEAR 2023/2024

Wednesday, March 1, 2023	Library Police Department Emergency Management Fire Services Board of Finance Contingency
Monday, March 6, 2023	Ethics Commission Conservation of Health Public Health & Nursing Miscellaneous Social Grants Youth Services Senior Citizens Recreation and Parks
Wednesday, March 8, 2023	Economic Development Conservation Commission Planning and Zoning Zoning Board of Appeals Building Department Flood and Erosion Control Review Projected Revenue
Monday, March 13, 2023.........................	Human Resources Finance Department Retirement Insurance Legal Information Technology
Wednesday. March 15, 2023	Regular Meeting
Wednesday, March 15, 2023	Registrar of Voters Assessor Board of Assessment Appeals Tax Collector Town Clerk Representative Town Meeting Board of Selectmen
Monday, March 20, 2023	Building Maintenance Public Works Capital Improvements Debt Service Transfers to Capital and Non-Recurring
Wednesday, March 22, 2023	Board of Education
Monday, March 27, 2023	Board of Finance Public Hearing on Budget Followed by Special Meeting for Final Budgetary Action
Monday, May 1, 2023	<u>RTM</u> Annual Budget Meeting (anticipated to be conducted May 1st through May 5th)

All Board of Finance Meetings will be held at the Waterford Town Hall at 7:00 p.m. and end at 10:30 p.m. unless otherwise noted. All budgets are due in the Finance Office on **<u>December 9, 2022</u> WITH NO EXCEPTIONS.**

S:Finance: Board of Finance-grm/Meeting Schedule/Budget Hearing Schedule

TOWN OF WATERFORD
GENERAL FUND
2023 - 2024 PROPOSED BUDGET

DEPT/AGENCY: 10111 BUILDING MAINTENANCE

LINE ITEM	DESCRIPTION	2021/2022 ACTUAL EXPENDED	2022/2023 RTM APPROP.	2022/2023 ADDITIONAL/ TRANSFERS	ACTUAL EXPEND & ENCUMB AS OF 1/1/23	2023/2024 DEPT/ AGENCY REQUEST	Department Request $ Increase	Department Request % Increase
PERSONNEL COSTS								
51140	FACILITIES COORDINATOR	72,112	76,500			73,708	(2,792)	-3.65%
51810	OVERTIME	0				0	0	0.00%
51910	FRINGE BENEFITS	63	75			75	0	0.00%
51920	F.I.C.A	5,390	5,858			5,639	(219)	-3.74%
	SUBTOTAL	**77,565**	**82,433**	**0**	**0**	**79,422**	**(3,011)**	**-3.65%**
SERVICES								
52010	ADVERTISING	1,020				0	0	#DIV/0!
52040	SERVICE CONT. & REPAIRS	160,082	185,178	46,392		243,570	58,392	31.53%
52090	FUEL OIL/NATURAL GAS	115,505	130,000			130,000	0	0.00%
52100	ELECTRICITY	366,452	398,278			398,278	0	0.00%
52110	WATER	18,424	15,725			15,725	0	0.00%
52120	SEWER	24,023	21,775			21,775	0	0.00%
	SUBTOTAL	**685,506**	**750,956**	**46,392**	**0**	**809,348**	**58,392**	**7.78%**
MATERIALS & SUPPLIES								
53020	OTHER SUPPLIES	7,753	4,000			6,000	2,000	50.00%
	SUBTOTAL	**7,753**	**4,000**	**0**	**0**	**6,000**	**2,000**	**50.00%**
IMPROVEMENTS								
55030	BUILDING IMPROVEMENTS	11,175	5,000			5,000	0	0.00%
	SUBTOTAL	**11,175**	**5,000**	**0**	**0**	**5,000**	**0**	**0.00%**
DEPARTMENT TOTAL		781,999	842,389	46,392	0	899,770	57,381	6.81%

FIFTEEN ROPE FERRY ROAD
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Town of Waterford

PHONE: 860-442-0553
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To: Robert Brule, First Selectman

From: Gary J. Schneider, Director of Public Works

Date: December 13, 2022

Re: Building Maintenance Budget FY24

Attached please find the Building Maintenance proposed FY 24 Budget. The main driver of the increase is in the following area:

- Custodial Services at the Community Center. In the previous budget, that service was funded by Recreation and Parks; and the Senior Center. This year, Building Maintenance must fund it all, an increase of $46,392

TOWN OF WATERFORD
GENERAL FUND
2023 - 2024 PROPOSED BUDGET

DEPT/AGENCY: 10111 BUILDING MAINTENANCE

LINE ITEM	DESCRIPTION	2021/2022 ACTUAL EXPENDED	2022/2023 RTM APPROP.	2022/2023 ADDITIONAL/ TRANSFERS	ACTUAL EXPEND & ENCUMB AS OF 1/1/23	2023/2024 DEPT/ AGENCY REQUEST	2023/2024 APPROVED BD/COMM.	2023/2024 FIRST SELECTMAN RECOMMENDS	Department Request $ Increase	Department Request % Increase
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51140	FACILITIES COORDINATOR	72,112	76,500			73,708			(2,792)	-3.65%
51810	OVERTIME	0							0	0.00%
51910	FRINGE BENEFITS	63	75			75			0	0.00%
51920	F.I.C.A	5,390	5,858			5,639			(219)	-3.74%
	SUBTOTAL	77,565	82,433	0	0	79,422	0	0	(3,011)	-3.65%
SERVICES										
52010	ADVERTISING	1,020							0	#DIV/0!
52040	SERVICE CONT. & REPAIRS	160,082	185,178	46,352		243,570			58,392	31.53%
52090	FUEL OIL/NATURAL GAS	115,505	130,000			130,000			0	0.00%
52100	ELECTRICITY	366,452	398,278			398,278			0	0.00%
52110	WATER	18,424	15,725			15,725			0	0.00%
52120	SEWER	24,023	21,775			21,775			0	0.00%
	SUBTOTAL	685,506	750,956	46,352	0	809,348	0	0	58,392	7.78%
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55030	BUILDING IMPROVEMENTS	11,175	5,000			5,000			0	0.00%
	SUBTOTAL	11,175	5,000	0	0	5,000	0	0	0	0.00%
DEPARTMENT TOTAL		781,999	842,389	46,352	0	899,770	0	0	57,381	6.81%

TOWN OF WATERFORD
PROPOSED REVENUE BY DEPARTMENT
GENERAL FUND
2023-2024 FISCAL YEAR

All revenues from each department must be listed in the following categories. Please add any revenue lines that are not listed below.

DEPARTMENT: Building Maintenance

LINE ITEM	2020-2021 ACTUAL	2021-2022 ACTUAL	2022-2023 YTD	2023-2024 PROPOSED	VARIANCE
Waterford Board of Education	71,671	63,937	67,795	**73,218**	**5,423**
Shared Use of Town Hall					**0**
					0
					0
					0
					0
TOTALS	**71,671**	**63,937**	**67,795**	**73,218**	**5,423**

Building Maintenance Budget

Fiscal Year 2024

Opening Statement

With emphasis on public and employee safety, excellent customer service and efficiency, this Department provides maintenance, repairs, after-hour emergency support, building automation, utility management and custodial services to our buildings and structures allowing employees, residents and the general public access to clean and safe public buildings. It assists Town Departments, managing their facility matters and assisting in capital budget development, all of which ensures that the facilities are available for their programs.

BUDGET FUNCTION

Building Maintenance is more than repair what doesn't work. It is management of utilities, space utilization, renovations and replacements. It requires the understanding of how the mechanical components interaction with each other. The task is more than Building Maintenance, it is Facility Management.

The goal of Facility Management is to provide a building that is inviting, providing a sense of welcome and arrival at the entrance. It must have a community orientation. Customers must feel comfortable using the services at the facility. The space also needs to be flexible so staff can focus on their current and future missions and not be concerned about the limitations of the bricks and mortar.

The vision for this Department is to be proactive, not reactive. This will take several years due to the backlog of maintenance and repairs, lack of dedicated staff to the facilities effort and lack of historical data.

Components of a well-managed facilities program encompasses:

- Preventative Maintenance Schedules
- Repair Protocols
- Space Needs Programming
- Energy Audits
- Facility Inspections
- Alarm Testing
- Inventory Control (Asset Tracking)
- Custodial Methods
- Life Safety Systems
- Security Systems
- ADA (Barrier Free Buildings)
- Environmental Permit Compliance
- Indoor Air Quality
- Building Code Compliance
- Capital Projects (New and Renovations)

The following facilities are assigned to this Department:

- Town Hall
- Library
- Public Safety
- Community Center
- Youth & Family Services
- Police
- Municipal Complex (including all buildings on the property)
- Jordan Park House
- Nevins Cottage
- Eugene O'Neill Theater (assistance as needed)
- Southwest & Cohanzie Schools (abandoned properties)

The budget presented is primarily an operations (fixed costs) budget. The Department is obliged to pay utility bills (water, sewer, electricity, heating (oil and natural gas), comply with environmental permits, perform life safety inspections (sprinklers and fire alarms), manage intrusion alarms and contract for custodial services for approximately 250,000 square feet of municipal space. Funding for new construction, major replacements of equipment or renovations to the existing space are found in the Capital Improvement Program.

The Department is unable to provide a 5 year look back for this budget. Facilities expenses may have been combined with other expenses in each department's budget requests in the past. Any attempt to separate out these costs would be labor intensive and questionable to its accuracy. We will build forward that data base ensuring proper accounting in each area.

Staffing: Under the direction of the Public Works Director, a Facilities Maintenance Coordinator manages the Facilities. This is the only person assigned to this department.

Facilities uses the time from the Public Works Office Coordinator for support staff.

Facilities is responsible for the utilities (Water, sewer, heating oil, natural gas and electricity) consumed at the buildings listed previously as well as the 5 Fire Stations.

Electricity: The Finance Department has entered into a 5 year fixed price for the purchase of electricity. The rate is $.0919/kwh. This is for generation only. Transmission rate (Eversource) will be reviewed by PURA in early 2023. Facilities is responsible for 40 accounts to include those of the Fire Stations and Police radio sites (5).

Water: We have 22 accounts that we manage. We have not budgeted any rate increases.

Sewer: We have 14 accounts that we manage. We have not budgeted rate increases.

Heating Oil/Natural Gas: Currently we have 10 buildings that receive heating oil. We have 5 locations with Natural Gas.

Solid Waste/Recyclables: The Public Works Department provides the containers and collection services and disposal costs. These costs are included in the Public Works Budget.

Service Contracts: This has been a major focus for the last fiscal year. Consolidation of these contracts allows us to ensure the preventative maintenance tasks are performed at all the facilities to ensure compliance, we monitor the performance of the vendor.

Life Safety Inspections: For those buildings with sprinklers and/or fire alarms, quarterly inspections are required to keep the Town in compliance with the Fire Code. From these inspections, items are identified to be tested or components repaired.

TOWN OF WATERFORD
PERSONNEL WORKSHEET - 11 BUILDING MAINTENANCE
2023-2024 FISCAL YEAR

DATE OF HIRE	EMPLOYEE	HOURS WORKED/ WEEK	HOURLY RATE FY24	SALARY 2022/2023	SALARY 2023/2024	LONGEVITY FY24	TOTAL EMPLOYEE SALARY	LINE 51920 PAYROLL TAXES (F.IC.A)
51140 - FACILITIES COORDINATOR								
3/15/2021	MUNICIPAL FACILITIES MANAGER	40	N/A	73,708.23	73,708.23	N/A	73,708.23	5,638.68
	TOTALS			**73,708.23**	**73,708.23**	**0.00**	**73,708.23**	**5,638.68**
51810 - OVERTIME				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
51910 - FRINGE/F.I.C.A.							**75.00**	**0.00**
TOTALS				**73,708.23**	**73,708.23**	**0.00**	**73,783.23**	**5,638.68**
BUDGET TOTAL W/F.I.C.A							**79,421.91**	

TOWN OF WATERFORD
FRINGE BENEFITS WORKSHEET - 11 BUILDING MAINTENANCE
2023-2024 FISCAL YEAR

POSITION	CLOTHING ALLOWANCE (NON-TAXABLE)	HRA FUNDING (NON-TAXABLE)	LINE 51910 TOTAL FRINGE BENEFITS	LINE 51920 PAYROLL TAXES (F.IC.A)	
MUNICIPAL FACILITIES MANAGER	$ 75.0000	0	75.00	0	non-taxable fringe
			0.00	0	
			0.00	0	
			0.00	0	
			0.00	0	
			0.00	0	
TOTALS - FRINGE BENEFITS			**75.00**	**0.00**	***ADDED TO FICA ON PERSONNEL WORKSHEET

5100 SERIES

10111-51140 – Municipal Facilities Manager		$ 73,708
10111-51910 – Fringe Benefits		$ 75
10111-51920 – FICA		$ 5,639
	Total	$79,422

FY24 Request $79,422

5200 SERIES

10111-52040 – Service Contracts and Repairs

The primary method to minimize repairs are annual service contracts. Contracts include services for HVAC maintenance, pest control, boiler and fire system inspections and generator maintenance.

Custodial services provided to Town Hall, Public Works/Utilities, Youth & Family Services, Community Center and the Public Safety Building are included in the Building Maintenance Budget. The Library and the Police Station have provided these services in their budgets. The cost of custodial services is offset by a funding agreement between the Town and Board of Education. The funding for the custodial services at Town Hall, is by a transfer from the BOE and is not included in the budget request. These funds are provided from the BOE in an annual transfer.

The following are charges included in this line item:

• Pest Control	$	10,000
• Maintenance/Repair	$	93,000
• Fire Extinguisher Inspections	$	1,000
• Fire Alarm Testing	$	5,500
• Sprinkler Maintenance	$	1,928
• Elevators (Library)	$	750
• Generator	$	1,000
• Custodial Services	$	130,392
Total	$	243,570

FY24 Request **$243,570**

10111-52090 Heating Oil / Natural Gas

This line item is for fuel to heat the town's facilities. The fuel is either natural gas or heating oil. Facilities that currently use natural gas are the Municipal Complex, Town Hall and the Community Center Planned for the future is to add gas to the Police Station and Public Safety.

FY24 Request **$130,000**

10111-52100 Electricity

The Town purchases electricity through the Connecticut Conference of Municipalities (CCM) Purchasing Program. This program is designed to assist Towns in selecting the best available rates and contract terms for purchasing electricity. The kilowatt hour rate includes the CCM program participation fee. Electricity charges also include a generation fee from Constellation. The proposed budget for electricity in FY24 is based on the average paid so far in FY23 by this Department.

FY24 Request **$398,278**

10111-52110 Water

Accounts are billed quarterly. **FY24 Request $15,725**

10111-52120 Sewer

50% of the sewer user fee is based on water consumption and 50% is a fixed cost related to the Meter size. The requested amount is based on historic water consumption.

FY24 Request $21,775

5300 SERIES

10111-53020 – Other Supplies

Funds are used to pay for supplies related to building maintenance. These items include flags, batteries, first-aid kits for offices, keys, and custodial supplies.

FY24 Request $6,000

5500 SERIES

10111-55030 – Building Improvements

This line is used to pay for repairs to Town buildings for items that are not covered in preventive maintenance contracts. These funds cover materials for work completed with BOE labor and both materials and work performed by outside contractors hired to complete specialty work. These projects are managed by Building Maintenance.

FY24 Request $5,000

TOWN OF WATERFORD
FY2024 BUDGET REQUEST
Building Maintenance

	Town Hall	Community Center	Public Safety	Police Department	YSB
	15 Rope Ferry	24 Rope Ferry Road	204 Boston Post Road	41 Avery Lane	200 Boston Post Road
Electricity	$ 55,752.16	$ 42,555.87	$ 29,593.40	$ 58,088.53	$ 15,259.97
Heat/Gas	$ 4,572.85	$ 18,798.37	$ 10,953.35	$ 3,225.57	
Sewer	$ 1,644.90	$ 1,623.90	$ 1,566.50	$ 1,865.40	$ 946.29
Water	$ 1,343.49	$ 2,145.93	$ 1,311.02	$ 1,588.79	$ 238.16
Total	$ 63,313.40	$ 65,124.07	$ 43,424.27	$ 64,768.29	$ 16,444.42

	Municipal Complex	Fire Services (5 firehouses)	Southwest School	Library	Misc. *
	1000 Hartford Turnpike		51 Daniels Ave	49 Rope Ferry Road	
Electricity	$ 51,159.75	$ 55,388.07	$ 12,877.77	$ 29,470.79	$ 14,880.76
Heat/Gas	$ 31,840.86	$ 7,031.20		$ 1,036.27	
Sewer	$ 4,330.15	$ 4,313.05	$ 956.60	$ 645.00	
Water	$ 1,204.71	$ 3,556.93	$ 195.52	$ 862.05	$ 277.54
Total	$ 88,535.47	$ 70,289.25	$ 14,029.89	$ 32,014.11	$ 15,158.30

*Radio sites, Miner Lane property, locations within the center of town.

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					0
					0
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Fiscal Year 2024

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TOWN OF WATERFORD
PERSONNEL WORKSHEET - 11 BUILDING MAINTENANCE
2023-2024 FISCAL YEAR

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3/15/2021	MUNICIPAL FACILITIES MANAGER	40	N/A	73,708.23	73,708.23	N/A	73,708.23	5,638.68
	TOTALS			73,708.23	73,708.23	0.00	73,708.23	5,638.68
51810 - OVERTIME				0.00	0.00	0.00	0.00	0.00
51910 - FRINGE/F.I.C.A.							75.00	0.00
TOTALS				73,708.23	73,708.23	0.00	73,783.23	5,638.68
BUDGET TOTAL W/F.I.C.A							79,421.91	

TOWN OF WATERFORD
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2023-2024 FISCAL YEAR

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MUNICIPAL FACILITIES MANAGER	$ 75.0000	0	75.00	0	non-taxable fringe
			0.00	0	
			0.00	0	
			0.00	0	
			0.00	0	
			0.00	0	
TOTALS - FRINGE BENEFITS			**75.00**	**0.00**	***ADDED TO FICA ON PERSONNEL WORKSHEET

5100 SERIES

10111-51140 – Municipal Facilities Manager		$ 73,708
10111-51910 – Fringe Benefits		$ 75
10111-51920 – FICA		$ 5,639
	Total	$79,422

FY24 Request $79,422

5200 SERIES

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The following are charges included in this line item:

• Pest Control	$	10,000
• Maintenance/Repair	$	93,000
• Fire Extinguisher Inspections	$	1,000
• Fire Alarm Testing	$	5,500
• Sprinkler Maintenance	$	1,928
• Elevators (Library)	$	750
• Generator	$	1,000
• Custodial Services	$	130,392
Total	$	243,570

FY24 Request **$243,570**

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FY24 Request **$130,000**

10111-52100 Electricity

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FY24 Request **$398,278**

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5300 SERIES

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5500 SERIES

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FY24 Request $5,000

TOWN OF WATERFORD
FY2024 BUDGET REQUEST
Building Maintenance

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	15 Rope Ferry	24 Rope Ferry Road	204 Boston Post Road	41 Avery Lane	200 Boston Post Road
Electricity	$ 55,752.16	$ 42,555.87	$ 29,593.40	$ 58,088.53	$ 15,259.97
Heat/Gas	$ 4,572.85	$ 18,798.37	$ 10,953.35	$ 3,225.57	
Sewer	$ 1,644:90	$ 1,623.90	$ 1,566.50	$ 1,865.40	$ 946.29
Water	$ 1,343.49	$ 2,145.93	$ 1,311.02	$ 1,588.79	$ 238.16
Total	$ 63,313.40	$ 65,124.07	$ 43,424.27	$ 64,768.29	$ 16,444.42

	Municipal Complex	Fire Services (5 firehouses)	Southwest School	Library	Misc. *
	1000 Hartford Turnpike		51 Daniels Ave	49 Rope Ferry Road	
Electricity	$ 51,159.75	$ 55,388.07	$ 12,877.77	$ 29,470.79	$ 14,880.76
Heat/Gas	$ 31,840.86	$ 7,031.20		$ 1,036.27	
Sewer	$ 4,330.15	$ 4,313.05	$ 956.60	$ 645.00	
Water	$ 1,204.71	$ 3,556.93	$ 195.52	$ 862.05	$ 277.54
Total	$ 88,535.47	$ 70,289.25	$ 14,029.89	$ 32,014.11	$ 15,158.30

*Radio sites, Miner Lane property, locations within the center of town.

TOWN OF WATERFORD
GENERAL FUND
2023 - 2024 PROPOSED BUDGET

DEPT/AGENCY: 10130 PUBLIC WORKS

LINE ITEM	DESCRIPTION	2021/2022 ACTUAL EXPENDED	2022/2023 RTM APPROP.	2022/2023 ADDITIONAL/ TRANSFERS	ACTUAL EXPEND & ENCUMB AS OF 1/1/23	2023/2024 DEPT/ AGENCY REQUEST	2023/2024 APPROVED BD/COMM.	2023/2024 FIRST SELECTMAN RECOMMENDS	Department Request $ Increase	Department Request % Increase
PERSONNEL COSTS										
51110	ADMINISTRATION	331,016	338,287			338,287			0	0.00%
51130	ENGINEERING		5,558			5,558			0	0.00%
51210	CLERICAL/TECHNICAL	149,643	150,880			164,347			13,467	8.93%
51510	EQUIPMENT MAINTENANCE	353,367	363,810			403,804			39,994	10.99%
51520	HIGHWAY MAINTENANCE	833,855	871,476			927,036			55,560	6.38%
51530	REFUSE COLLECTION & MAINT.	452,517	453,567			471,730			18,163	4.00%
51540	SNOW REMOVAL	81,652	56,000			71,236			15,236	27.21%
51810	OVERTIME	69,538	52,000			60,070			8,070	15.52%
51910	FRINGE BENEFITS	11,703	12,525			16,225			3,700	29.54%
51920	FICA	161,835	176,263			188,059			11,796	6.69%
	SUBTOTAL	**2,445,126**	**2,480,366**	**0**	**0**	**2,646,352**	**0**	**0**	**165,986**	**6.69%**
SERVICES										
52010	ADVERTISING	0							0	
52020	POSTAGE	431	400			400			0	0.00%
52030	PROFESSIONAL FEES	91,426	113,000			130,000			17,000	15.04%
52040	SERVICE CONT & REPAIRS	46,352	65,000			65,000			0	0.00%
52050	DUES, CONF. & EDUCATION	3,846	2,000			3,000			1,000	50.00%
52060	PRINTING	0	100			50			(50)	-50.00%
52070	REIMBURSABLE EXPENSE	34	50			50			0	0.00%
52400	MEAL ALLOWANCE	2,484	2,300			2,300			0	0.00%
52410	STREET TREE MAINTENANCE	327	5,550			1,500			(4,050)	-72.97%
52450	SITE WORK	1,026	800			1,000			200	25.00%
52460	STREET LIGHTING	76,927	95,500			90,000			(5,500)	-5.76%
52470	SOLID WASTE DISPOSAL	858,090	875,000			950,000			75,000	8.57%
52475	RECYCLING PROGRAM	0	150			200			50	33.33%
52500	OPTIONS & RIGHTS OF WAY	0	0			0			0	#DIV/0!
52510	RENTAL OF EQUIPMENT	23,023	5,000			5,000			0	0.00%
52531	LANDFILL CAP MAINTENANCE	23,750	21,000			23,000			2,000	9.52%
	SUBTOTAL	**1,127,716**	**1,185,850**	**0**	**0**	**1,271,500**	**0**	**0**	**85,650**	**7.22%**

TOWN OF WATERFORD
GENERAL FUND
2023 - 2024 PROPOSED BUDGET

DEPT/AGENCY: 10130 PUBLIC WORKS

LINE ITEM	DESCRIPTION	2021/2022 ACTUAL EXPENDED	2022/2023 RTM APPROP.	2022/2023 ADDITIONAL/ TRANSFERS	ACTUAL EXPEND & ENCUMB AS OF 1/1/23	2023/2024 DEPT/ AGENCY REQUEST	2023/2024 APPROVED BD/COMM.	2023/2024 FIRST SELECTMAN RECOMMENDS	Department Request $ Increase	Department Request % Increase
MATERIALS & SUPPLIES										
53010	OFFICE SUPPLIES	324	325			325			0	0.00%
53030	OPERATIONAL SUPPLIES	18,615	18,000			18,000			0	0.00%
53050	ENGINEER EQUIP & SUPPLIES	206	300			300			0	0.00%
53070	AUTOMOTIVE REPAIRS	210,742	201,000			205,000			4,000	1.99%
53090	FUELS & LUBRICANTS	169,151	200,000			340,000			140,000	70.00%
53100	TIRES	31,306	35,000			35,000			0	0.00%
53250	TRAFFIC CONTROL MATERIALS	4,841	25,000			25,000			0	0.00%
53300	HIGHWAY MATERIALS	115,564	176,500			170,000			(6,500)	-3.68%
	SUBTOTAL	**550,749**	**656,125**	**0**	**0**	**793,625**	**0**	**0**	**137,500**	**20.96%**
EQUIPMENT										
54050	AUTOMOTIVE EQUIPMENT	71,566	69,145			26,755			(42,390)	-61.31%
54060	OFFICE FURNITURE	1,201	800			0			(800)	-100.00%
	SUBTOTAL	**72,767**	**69,945**	**0**	**0**	**26,755**	**0**	**0**	**(43,190)**	**-61.75%**
IMPROVEMENTS										
55010	TOWN AID ROADS-IMPROVED	309,318	317,277			321,120			3,843	1.21%
	SUBTOTAL	**309,318**	**317,277**	**0**	**0**	**321,120**	**0**	**0**	**3,843**	**1.21%**
DEPARTMENT TOTAL		**4,505,676**	**4,709,563**	**0**	**0**	**5,059,352**	**0**	**0**	**349,789**	**7.43%**

TOWN OF WATERFORD
GENERAL FUND
2023 - 2024 PROPOSED BUDGET

DEPT/AGENCY: 10130 PUBLIC WORKS

LINE ITEM	DESCRIPTION	2021/2022 ACTUAL EXPENDED	2022/2023 RTM APPROP.	2022/2023 ADDITIONAL/ TRANSFERS	ACTUAL EXPEND & ENCUMB AS OF 1/1/23	2023/2024 DEPT/ AGENCY REQUEST	Department Request $ Increase	Department Request % Increase
PERSONNEL COSTS								
51110	ADMINISTRATION	331,016	338,287		171,047	338,287	0	0.00%
51130	ENGINEERING		5,558		0	5,558	0	0.00%
51210	CLERICAL/TECHNICAL	149,643	150,880		82,803	164,347	13,467	8.93%
51510	EQUIPMENT MAINTENANCE	353,367	363,810		189,549	403,804	39,994	10.99%
51520	HIGHWAY MAINTENANCE	833,855	871,476		40,153	927,036	55,560	6.38%
51530	REFUSE COLLECTION & MAINT.	452,517	453,567		217,942	471,730	18,163	4.00%
51540	SNOW REMOVAL	81,652	56,000		14,855	56,000	0	0.00%
51810	OVERTIME	69,538	52,000		35,029	55,000	3,000	5.77%
51910	FRINGE BENEFITS	11,703	12,525		9,892	16,225	3,700	29.54%
51920	FICA	161,835	176,263		81,140	187,021	10,758	6.10%
	SUBTOTAL	**2,445,126**	**2,480,366**	**0**	**842,410**	**2,625,008**	**144,642**	**5.83%**
SERVICES								
52010	ADVERTISING	0					0	
52020	POSTAGE	431	400		205	400	0	0.00%
52030	PROFESSIONAL FEES	91,426	113,000		48,364	120,000	7,000	6.19%
52040	SERVICE CONT & REPAIRS	46,352	65,000		16,581	60,000	(5,000)	-7.69%
52050	DUES, CONF. & EDUCATION	3,846	2,000		1,305	3,000	1,000	50.00%
52060	PRINTING	0	100		0	50	(50)	-50.00%
52070	REIMBURSABLE EXPENSE	34	50		0	50	0	0.00%
52400	MEAL ALLOWANCE	2,484	2,300		120	2,300	0	0.00%
52410	STREET TREE MAINTENANCE	327	5,550		0	500	(5,050)	-90.99%
52450	SITE WORK	1,026	800		0	1,000	200	25.00%
52460	STREET LIGHTING	76,927	95,500		33,631	90,000	(5,500)	-5.76%
52470	SOLID WASTE DISPOSAL	858,090	875,000		385,337	940,000	65,000	7.43%
52475	RECYCLING PROGRAM	0	150		0	200	50	33.33%
52500	OPTIONS & RIGHTS OF WAY	0	0		0	0	0	0.00%
52510	RENTAL OF EQUIPMENT	23,023	5,000		2,363	5,000	0	0.00%
52531	LANDFILL CAP MAINTENANCE	23,750	21,000		4,650	23,000	2,000	9.52%
	SUBTOTAL	**1,127,716**	**1,185,850**	**0**	**492,556**	**1,245,500**	**59,650**	**5.03%**

TOWN OF WATERFORD
GENERAL FUND
2023 - 2024 PROPOSED BUDGET

DEPT/AGENCY: 10130 PUBLIC WORKS

LINE ITEM	DESCRIPTION	2021/2022 ACTUAL EXPENDED	2022/2023 RTM APPROP.	2022/2023 ADDITIONAL/ TRANSFERS	ACTUAL EXPEND & ENCUMB AS OF 1/1/23	2023/2024 DEPT/ AGENCY REQUEST	Department Request $ Increase	Department Request % Increase
MATERIALS & SUPPLIES								
53010	OFFICE SUPPLIES	324	325		183	325	0	0.00%
53030	OPERATIONAL SUPPLIES	18,615	18,000		11,371	18,000	0	0.00%
53050	ENGINEER EQUIP & SUPPLIES	206	300		261	300	0	0.00%
53070	AUTOMOTIVE REPAIRS	210,742	201,000		132,444	205,000	4,000	1.99%
53090	FUELS & LUBRICANTS	169,151	200,000		148,666	327,790	127,790	63.90%
53100	TIRES	31,306	35,000		17,712	35,000	0	0.00%
53250	TRAFFIC CONTROL MATERIALS	4,841	25,000		6,253	20,000	(5,000)	-20.00%
53300	HIGHWAY MATERIALS	115,564	176,500		42,489	170,000	(6,500)	-3.68%
	SUBTOTAL	**550,749**	**656,125**	**0**	**359,379**	**776,415**	**120,290**	**18.33%**
EQUIPMENT								
54050	AUTOMOTIVE EQUIPMENT	71,566	69,145		34,309	26,755	(42,390)	-61.31%
54060	OFFICE FURNITURE	1,201	800		0	0	(800)	-100.00%
	SUBTOTAL	**72,767**	**69,945**	**0**	**34,309**	**26,755**	**(43,190)**	**-61.75%**
IMPROVEMENTS								
55010	TOWN AID ROADS-IMPROVED	309,318	317,277		52,693	321,120	3,843	1.21%
	SUBTOTAL	**309,318**	**317,277**	**0**	**52,693**	**321,120**	**3,843**	**1.21%**
DEPARTMENT TOTAL		**4,505,676**	**4,709,563**	**0**	**1,781,347**	**4,994,798**	**285,235**	**6.06%**

PUBLIC WORKS
FISCAL YEAR 2024 BUDGET

Opening Statement

The focus for Public Works is to maintain our roads, our Fleet and Mobile Equipment, manage the collection and disposal of solid waste and equally important focusing on;

- Achieving a high level of customer service
- Excellent information management
- Compliance with enviromental operating permits
- Ability to respond to emergency management incidents

Public Works is about community. Every day, the Department touches thousands of residents and businesses, through solid waste collections, recycling programs, stormwater management, resurfacing roads, sidewalks, snow removal and storm response, just to name a few.

Public Works also plays a vital role in advancing the quality of life by seizing the opportunity to build for the future. Focusing each project on the new requirements and methods of service delivery, we address those needs while staying focused are what makes this community a great place to live and work.

Despite the challenges we faced in another year of the pandemic, the Department maintained uninterrupted levels of services and support to the residents, while accomplishing significant achievements.

Last year we had 2 employees retire from the Department, taking with them 81 years of knowledge.

One of our abilities is to perform regular public works duties and be ready at a moment's notice to react as first responders during natural disasters with a common goal, to get the community back functioning. What is readily not known is that the role of Public Works as a first responder was codified in when President George W. Bush issued Homeland Security Presidential Directive 5 (HSPD-5), Management of Domestic Incindents in 2003 stating that all agency types must work to operate under the same National Incident Management System (NIMS). Thus, Public Works departments are considered part of the official ranks of first responders by the General Emergency Management Agency's guidelines for disasters.

The four Divisions of Public Works are:

Administration
Briefly, the division manages and accounts for our assets, manages personnel, prepares the Captial Improvement Plan, plans for emergency management and diaster mitigation and incorporates sustainable practices into public works practices.

Highway Operations (...it is not just the asphalt...)
It is important for the residents to have well-maintained roads to ensure that traffic flows as smoothly and safely as possible. In order to accomplish this, the Department mixes in-house with contracted work to provide a cost effective delivery of services.

Solid Waste
The collection and transportation of waste and recyclables to disposal sites and the operaton of the Transfer Station and the closed landfill all fall under this division.

Equipment Maintenance
This division's skilled mechanics perform services and reparis from the simple $125 weed wacker to the $390,000 automated collection truck.

Budget Function

The budget is what is required to maintain the infrastructure. It is an operations budget with little flexibility. The Department is obliged to pay bills for water, waste disposal, environmental permitting and repairs. The roads must get plowed, diseased trees removed and our drainage systems kept clear.

FY2024 BUDGET

PERSONNEL COSTS

The personnel costs are based on actual costs, from current contracts, see attached Personnel Worksheet, pages 5-7

51110 Administration	**$ 338,287**
51130 Engineering	**$ 5,558**
51210 Clerical/Technical	**$ 164,347**
51510 Equipment Maintenance	**$ 403,804**
51520 Highway Maintenance	**$ 927,036**
51530 Refuse Collection & Maintenance	**$ 471,730**
51540 Snow Removal (Overtime)	**$ 56,000**
51810 Overtime	**$ 55,000**
51910 Fringe Benefits	**$ 16,225**
51920 FICA This is calculated on the attached Personnel Worksheet	**$ 187,021**

DEPARTMENT PERSONNEL TOTAL = $ 2,625,008

TOWN OF WATERFORD

PERSONNEL WORKSHEET - 30 PUBLIC WORKS

2023-2024 FISCAL YEAR

LINE 51920

DATE OF HIRE	EMPLOYEE	HOURS WORKE D/ WEEK	HOURLY RATE FY24	SALARY 2022/2023	SALARY 2023/2024	LONGEVITY FY24	TOTAL EMPLOYEE SALARY	PAYROLL TAXES (F.IC.A)
51110 - ADMINISTRATION								
11/04/2019	Director	40	N/A	119,731.56	119,731.56	N/A	119,731.56	9,159.46
04/22/2013	Assistant Director	40	N/A	111,030.72	111,030.72	$ 1,110.31	112,141.02	8,578.79
08/01/1983	General Foreman	40	N/A	104,072.91	104,072.91	$ 2,341.64	106,414.55	8,140.71
	TOTALS			**334,835.19**	**334,835.19**	**3,451.95**	**338,287.13**	**25,878.97**
51130 - ENGINEERING								
	AS NEEDED		N/A	5,558.00	5,558.00	N/A	5,558.00	425.19
	TOTALS			**5,558.00**	**5,558.00**	**0.00**	**5,558.00**	**425.19**
51210 - CLERICAL/TECHNICAL								
08/27/2001	Office Coordinator II	35	$ 36.1315	63,999.39	65,759.33	$ 500.00	66,259.33	5,068.84
11/16/1998	Clerk Typist III	35	$ 28.3100	50,145.19	51,524.20	$ 600.00	52,124.20	3,987.50
06/11/2018	Clerk Typist III	35	$ 25.2547	43,317.27	45,963.60	$ -	45,963.60	3,516.22
	TOTALS			**157,461.85**	**163,247.13**	**1,100.00**	**164,347.13**	**12,572.56**
51510 - EQUIPMENT MAINTENANCE								
09/12/2011	Floor Leader - Mechanics	40	$ 46.1498	90,770.26	95,991.58	$ 250.00	96,241.58	7,362.48
01/30/2012	Mechanic	40	$ 36.1595	70,718.76	75,211.76	$ 250.00	75,461.76	5,772.82
08/10/1993	Mechanic	40	$ 39.8659	80,701.71	82,921.07	$ 600.00	83,521.07	6,389.36
10/24/2011	Mechanic	40	$ 39.8659	80,701.71	82,921.07	$ 250.00	83,171.07	6,362.59
03/15/2021	Mechanic	40	$ 31.4462	63,232.00	65,408.18	$ -	65,408.18	5,003.73
	TOTALS			**386,124.44**	**402,453.67**	**1,350.00**	**403,803.67**	**30,890.98**
51520 - HIGHWAY MAINTENANCE								
04/06/1998	Toolkeeper	40	$ 32.7978	66,393.60	68,219.42	$ 600.00	68,819.42	5,264.69
VACANT	Traffic Control Dev. Tech.	40	$ 34.4377	69,713.28	71,630.42	$ -	71,630.42	5,525.63
10/31/2022	Maintainer II	40	$ 23.5105	47,184.59	48,901.85	$ -	48,901.85	3,740.99
11/02/2022	Maintainer II	40	$ 23.4881	47,184.59	48,855.23	$ -	48,855.23	3,737.43
06/08/2015	Maintainer II	40	$ 25.4626	49,543.94	52,962.15	$ -	52,962.15	4,051.60
VACANT	Maintainer II	40	$ 23.3088	47,184.59	48,482.30	$ -	48,482.30	3,708.90
02/01/2016	Maintainer II	40	$ 28.3319	54,832.14	58,930.35	$ -	58,930.35	4,508.17
04/23/2012	Maintainer III	40	$ 32.7978	63,414.40	68,219.42	$ 250.00	68,469.42	5,237.91
06/03/2019	Maintainer III	40	$ 26.0438	52,021.01	54,171.18	$ -	54,171.18	4,144.09

11/13/2006	Maintainer III	40	$ 32.7978	66,393.60	68,219.42	$	350.00	68,569.42	5,245.56
12/14/1998	Maintainer III	40	$ 32.7978	66,393.60	68,219.42	$	350.00	68,569.42	5,245.56
06/17/2019	Maintainer III	40	$ 26.3651	52,021.01	54,839.32	$	-	54,839.32	4,195.21
02/03/2014	Maintainer III	40	$ 32.7978	64,569.60	68,219.42	$	250.00	68,469.42	5,237.91
06/11/2007	Maintainer III	40	$ 32.7978	66,393.60	68,219.42	$	350.00	68,569.42	5,245.56
07/01/1998	Maintainer IV	40	$ 36.1595	73,198.94	75,211.76	$	600.00	75,811.76	5,799.60
03/20/2006	Maintainer IV	40	$ 36.1595	73,198.94	75,211.76	$	350.00	75,561.76	5,780.47
03/20/2006	Maintainer IV	40	$ 36.1595	73,198.94	75,211.76	$	350.00	75,561.76	5,780.47
	Seasonal Staff (2)	800	$ 16.0700		12,856.00	N/A		12,856.00	983.48
	subTOTAL			**1,032,840.38**	**1,086,580.63**		**4,050.00**	**1,090,630.63**	**83,433.24**
	15% of Maintainance line moved to Refuse to cover time off							163,594.59	12,514.99
	TOTAL							**927,036.03**	**70,918.26**
51530 REFUSE COLLECTION & MAINT.									
09/23/2002	Refuse Truck Driver	40	$ 32.7978	66,393.60	68,219.42	$	500.00	68,719.42	5,257.04
04/04/2022	Refuse Truck Driver	40	$ 26.0438	52,021.01	54,171.18	$	-	54,171.18	4,144.09
10/21/2019	Refuse Truck Driver	40	$ 26.9828	52,321.13	56,124.22	$	-	56,124.22	4,293.50
08/11/2014	Recycling Route Operator	40	$ 31.8367	63,232.00	66,220.32	$	-	66,220.32	5,065.85
02/24/2014	Recycling Route Operator	40	$ 30.1204	60,220.99	62,650.38	$	250.00	62,900.38	4,811.88
	subTOTAL			**294,188.73**	**307,385.52**		**750.00**	**308,135.52**	**23,572.37**
	15% of Maintainance line moved to Refuse to cover time off							163,594.59	12,514.99
	TOTAL							**471,730.12**	**36,087.35**
51540 - SNOW REMOVAL									
	Previous years actual/estimate		approved FY23	56,000.00	71,236.00	$	-	56,000	5,449.55
	TOTALS			**56,000.00**	**71,236.00**		**0.00**	**71,236.00**	**5,449.55**
51810 - OVERTIME	**calculated based on actuals as of 11/30/22**			**58,462.11**	**60,069.82**		**0.00**	**55,000**	**4,595.34**

51910 - FRINGE/F.I.C.A.							**0.00**	**0.00**
TOTALS				**2,325,470.70**	**2,431,365.96**	**10,701.95**	**2,442,067.90**	**187,021**
BUDGET TOTAL W/F.I.C.A							**2,628,886.10**	

TOWN OF WATERFORD
FRINGE BENEFITS WORKSHEET - 30 PUBLIC WORKS
2023-2024 FISCAL YEAR

			LINE 51910	LINE 51920
POSITION	**CLOTHING ALLOWANCE**	**HRA FUNDING**	**TOTAL FRINGE BENEFITS**	**PAYROLL TAXES (F.IC.A)**
Director	$ 75.00	$ -	$ 75.00	$ 5.74
Assistant Director	$ 75.00	$ -	$ 75.00	$ 5.74
General Foreman	$ 75.00	$ -	$ 75.00	$ 5.74
17 employees - 51520	$ 5,100.00	$ -	$ 5,100.00	$ 390.15
5 employees - 51530	$ 1,500.00	$ -	$ 1,500.00	$ 114.75
27 - 1303 CONTRACT SAFETY SHOES	$ 5,400.00	$ -	$ 5,400.00	$ 413.10
mechanic uniforms & cleaning - 51510	$ 4,000.00	$ -	$ 4,000.00	$ 306.00
			$ -	$ -
TOTALS - FRINGE BENEFITS			**16,225.00**	**1,241.21**

***ADDED TO FICA ON PERSONNEL WORKSHEET

5200 Services

52020 Postage:

The postage requirements of Public Works have typically been for daily correspondence, mailing of equipment bid packages and bid correspondence and confirmation of Bulky Waste appointments. We also mail notices of projects to all residents adjacent to a construction site. This allows for greater awareness of project schedules and potential impacts to residents.

FY18	$552
FY19	$378
FY20	$389
FY21	$314
FY22	$431

5 year average $412

FY 24 Request $400

52030 Professional Fees:

This appropriation as requested is to provide professional support to the Public Works function. In all projects, certain specific technical review is required to be provided from this appropriation as follows:

Employment Physicals & Random Drug/Alcohol testing- New employees and seasonal employees are provided a physical prior to starting work with the Town. Random drug and alcohol testing is performed on a quarterly basis for employees that hold a Commercial Driver's License (CDL). (Federal Requirement) **$5,800**

OSHA required audiology yearly tests. **$1,120**

Engineering/Architectural Fees and general on-call services - The Town has in place several on-call consultants that departments use for multiple services. **$42,000**

Catch Basin Cleaning: There are approximately 3200 catch basins, of which, 3,000 are under the MS4 mandate. The program contracts out the cleaning of approximately 1,000 catch basins each year. In FY23 the cost per basin increased to $25.35/each. **$25,350**

MS4 Permit Compliance – Since 2004, the Town has been in compliance with general permit for Municipal Separate Storm Sewer Systems (MS4). The Town now falls under the new general permit (effective July 2017) with expanded requirements.

With this appropriation, we will complete the requirements of the General Permit to have a Stormwater management plan in place.

The MS4 General permit mandates the Town to develop, implement and enforce best management practices (BMP's) for the six Minimum Control Measures. BMP's are defined for each Minimum Control Measure. For the six minimum control measures, the Town has identified 38 BMP's. One of the largest impacts is that the permit requires the Town to implement a screening and monitoring program for all outfalls that discharge to impaired waters as defined in the most recent Connecticut Integrated Water Quality Report. The Town must also meet certain criteria for discharges to impaired waters, or waters which nitrogen, phosphorus, bacteria or mercury are Stormwater Pollutants of Concern, or waters which have pollution load reductions specified within the Total Maximum Daily Load(TMDL is the water quality implementation plan established pursuant to Section 303 of the Clean Water Act). There are now requirements for any new discharges to both impaired and high quality waters.

The Town will continue with the services of a consultant, Barton & Loguidice, to assist the Town in remaining compliant with the MS4 General Permit plan. Although Town staff will perform tasks whenever possible, many of the activities are technical or time sensitive.

Activities associated with mandated requirements in general are:

- Water Quality Sampling
- Review of Waterford's Stormwater Management Plan for compliance
- Ongoing inspections of catch basins and stormwater facilities
- Complete mapping of 15" diameter piping or less of the storm drainage system

MS4 Total **$50,000**

Environmental Compliance:

In addition to the MS4 permit, the Department is responsible for numerous environmental permits and regulatory obligations.

General Permits for the Discharge of Stormwater Associated with the Industrial Activity Permits (2), one at the Municipal Complex and another at the closed Miner Lane Landfill. In order for the Town to be in compliance with the regulations put forth by the DEEP, the following is required:

Miner Lane Landfill	
Water Quality Monitoring – Fall	$ 3,100
Water Quality Monitoring – Spring	$ 4,400
Post Closure Annual Report	$ 1,800
Two Semi-Annual Samples	$ 1,350
Two Quarterly Visual Assessments	$ 500
Two Semi-Annual Comprehensive Site Compliance Evaluations	$ 1,700
	$12,850

Municipal Complex	
Four Quarterly Visual Assessments	$1,000
Two Semi-Annual Comprehensive Site Compliance Evaluations	$1,700

$2,700

Environmental Total **$15,550**

Summary of Professional Fees:

Employment Physicals & Random Drug Testing	5,800
Hearing tests	1,120
Engineering/Architectural Fees	42,000
Catch Basin Cleaning	25,350
DEEP MS4 Compliance	50,000
Environmental Compliance	15,550
	$ 139,820

FY18	$33,231
FY19	$98,657
FY20	$99,858
FY21	$89,784
FY22	$91,426

5 year average $82,591

FY 24 Request $ 120,000

52040 Service Contracts and Building Repairs:

Service contracts are for specific services which are either specialized, infrequent and cannot be performed by staff. These contracts or services are listed below.

Traffic Signal Service – The Town has the responsibility to maintain the signals at the intersections of Cross Road with Parkway North and South, as well as the light at the Millstone Nuclear Power Station. Periodically the signals malfunction and a service call has to be made to the repair company by the Police Department Dispatch Center. **$10,000**

The streetlights need maintenance for when they fail, or are knocked down. **$15,000**

Office and Maintenance Equipment (leased and maintenance agreements) Public Works leases our photo copier, through a contract set up by the Purchasing Agent. The cost is approximately $163 a month, plus a charge for extra copies. The time clock also has yearly charges. The Vehicle Maintenance tank leases are for bottled industrial gases. **$3,025**

Annual Services – There are 3 oil/water separators that need to be cleaned out annually. The scale also must be inspected yearly to meet requirements set forth by the State. **$12,000**

Life Safety / Safety – Each truck has a fire extinguisher and inspections, maintenance and repairs are needed yearly. Mandated inspection of mobile and stationary lift equipment, harnesses, lifting slings & shop cranes are required by OSHA. **$5,000**

Monthly Service – The department pays for phones for 5 staff members. This charge includes the charges for 3 I-Pads that the departments uses in the field. This also covers the cost of the cable connection at the municipal complex. **$5,000**

On-Call Service Fixed Equipment - This is for equipment not permanently affixed to the building. (i.e. hot water heater in the wash bay) **$10,000**

Our requests for Service Contracts & Repairs are as follows:

	Cost/year
Traffic Signals	$ 10,000
Street Light Repairs	$ 15,000
Leased Office and Maintenance Equipment	$ 3,025
Annual Services	$ 12,000
Life Safety / Safety	$ 5,000
Monthly Service	$ 5,000
On-Call Service Fixed Equipment	$ 10,000
	$ 60,025

The five year average for this line item is as follows:

FY18	$57,595
FY19	$64,464
FY20	$64,103
FY21	$59,993
FY22	$46,352

5 year average $58,501 **FY 24 Request** **$ 60,000**

52050 Association Dues & Conferences:

Dues and Professional Fees:

NICET Cert. Ass't. Director	$ 185
Training/Certs.for Ass't. Director (ACI, NETTCP)	1,800
American Public Works Assoc.(APWA) Director	205
CT.Assoc.Street & Hwy.Officials (CASHO) Director	50
Tree Warden Assoc. Director	60
	$ 2,300

Conferences / Training Seminars:

APWA/CASHO/Tree Wardens Conferences & Staff Attendance to conferences, Equipment Shows & Safety training

This item includes professional licenses, training, conferences and association membership fees.

All workshops and training selected for office and operational personnel are related to job functions and are intended to introduce new concepts in equipment, procedures and policies that Public Works operations can provide more effectively. Workshops for the staff are provided through the Connecticut Transportation Institute Technology Transfer Center (T2), American Public Works Association (APWA). Also, we receive training through the Human Resources Department. Some of the training that our Department has completed is on a separate sheet.

FY18	$2,583
FY19	$1,952
FY20	$ 435
FY21	$2,983
FY22	$3,846

5 yr. average $2,360 **FY 24 Request $ 3,000**

52060 Printing

The Town printing staff has been able to accommodate most of the Public Works printing requirements, at a reduced rate. The cost for the printing of the recycling calendars is .07 cents per color copy. Occasionally we go to an outside vendor for printing.

FY18	$78
FY19	$57
FY20	$94
FY21	$50
FY22	$0
5 yr. average	$56

FY 24 Request $ 50

52070 Reimbursable Town Expenses:

Includes unexpected out-of-pocket expenses and is estimated at $50.

FY 24 Request $ 50

52400 Meal Allowances:

Meals are provided for all Local #1303 members required to work for emergencies such as snow removal. Expenditures are dependent upon the severity of the winter and the number of emergency responses. Prices for meals within the 1303 contract increased. The request is based on last year's events.

FY18	$3,595
FY19	$1,730
FY20	$1,343
FY21	$2,352
FY22	$2,484

5 Year average $2,300 **FY 24 Request** **$2,300**

52410 Street Tree Maintenance:

The Town of Waterford has approximately 8,200 street trees along its 120 miles of roadways. At times there is a need to hire a Contractor to perform some of the trimming or tree removals. This is mostly due to excessive tree size, trees too close to structures or electrical lines. Eversource has assisted in the past with many removals, particularly around the power lines. This request is made for an appropriation for pest control and outside tree services, when required.

The average of the last three years is:

FY18	$ 412
FY19	$ 396
FY20	$ 180
FY21	$ 558
FY22	$ 327

5 year average $375 **FY24 Request** **$500**

52450 Site Work:

This appropriation is requested for site repairs at the Municipal Complex such as miscellaneous landscape replacement, fence repairs, washouts or site related improvements.

FY17	$ 28
FY18	$1,600
FY19	$1,500
FY20	$ 530
FY21	$ 113
FY22	$1,026

5 year average $959 **FY 24 Request** **$1,000**

52460 Street Lighting:

This line item provides for all non-metered street lighting and Town owned traffic signals in Waterford.

Additionally, the Town is responsible for the power to traffic signals at intersection with Town and State roads. There are twenty-nine traffic signals. In most cases, the Town pays only the electrical usage and the State of Connecticut performs maintenance on them. Any signals at State road intersections are paid by the State and any private entrances to State or Town roads such as Stop & Shop and the Regal Cinema are paid by the abutting property owner.

FY18	$ 287,346
FY19	$ 234,576
FY20	$ 101,391
FY21	$ 83,329
FY22	$ 76,927

5 year average $ 156,714*
*includes years prior to LED lights
Expecting increase in electricity for streetlights & traffic signals

FY 24 Request **$90,000**

52470 Solid Waste Disposal:

This Line Item is divided into two primary categories, services supported through a Municipal Services Agreement with the Southeastern Connecticut Regional Resources Recovery Authority (SCRRRA or the Authority) which the Town is a member of, and Town supported services. Both have costs and in some cases revenues associated with them. Waste generation tonnages may fluctuate significantly, making expenditures and revenues difficult to project.

The Schedule of Fees for the Transfer Station were last revised in November 2011. The Department is using this fee schedule for the estimate of revenues and charges for FY24.

A. Municipal Solid Waste

The Town brings all municipal solid waste to the Waste to Energy Facility located in Lisbon, CT in accordance with the Municipal Services Agreement with the Authority signed in October of 2019. The tipping fee or cost per ton has been established by the Authority at $61.25/Ton for FY 24. Currently the Town is paying $59.25/Ton – this is a 2.9% increase.

Listed below are the tonnages of record for the last five fiscal years.

FY	Curbside Collection Tons	Commercial Tons	Total Tons
18	7,285	4,426	11,711

19	7,326	5,267	12,593
20	7,510	4,745	12,255
21	7,776	4,834	12,610
22	7,529	4,602	12,131

5 year average tons 12,260

The proposed budget is for 12,260 tons @ $61.25/Ton: **$ 750,925**

B. Single Stream Recycling

Our Single Stream Recycling Program continues to be a success. During FY22 we collected 1,658 tons of recyclables curbside. The Authority has taken on disposal of recyclable materials in the Municipal Service Agreement. The Authority for FY24 will not be charging a disposal cost. It is unknown at this time whether the Authority, starting in FY25, can continue with this practice.

We operate a recycling compactor at the Bulky Waste Transfer Station and transport the recyclables collected on our routes to Willimantic Waste for processing. Currently the compactor is rented from Willimantic Waste for $400/month. The contract is renewed each July and it is unknown if an increase will be proposed by Willimantic at this time. **$ 4,800**

C. Bulky Waste (Transfer Station and Curbside Collection)

- Transfer Station: The Bulky Waste Transfer Station is located at the Municipal Complex. This facility serves only the Town of Waterford residents and businesses. A fee of $110/ton is charged for the disposal of the bulky waste.

  This resulted in a revenue of $111,139 for FY 22.

  We have a new three year contract, starting in FY22, with a vendor to remove 1,000 tons of bulky waste a year at $105/ton. This contract also includes a price per pull (estimated at 67 pulls in one fiscal year) @ $450/each. **$135,000**

- Curbside Collection: We provide curbside bulky waste pickup and charge per the approved Fee Schedule.

  This resulted in a revenue of $5,382 in FY22.

D. Bulky Steel & Freon Removal

- Bulky Steel such as appliances, bicycles, siding, etc. are accepted at the Transfer Station. The value of scrap steel fluctuates greatly. Prior to processing appliance, all Freon refrigerants must be removed from the refrigerators, dehumidifiers, air conditioners, and be certified. SCRRRA includes Freon removal as part of services provided by the Authority to the member Towns at no cost.
- We received approximately $45,844 in revenues from scrap steel.
- Our new 3 year contract starting in FY23 is in place with the Town receiving 71% of the auto bodies export price published in the New York American Metal market (1st issue of the month) but not less than $150/ton.

E. Yard Waste (Brush and Leaves)

- Leaves in biodegradable paper bags or loose may be deposited at the Transfer Station. Brush is also accepted. The Authority grinds the brush, at no cost to the Town. This allows the Town to provide the wood mulch for free to our residents. As the Authority provides this service to its 11 member town, at times, when a large quantity of debris accumulates, it is removed from the site to reduce the risk of fire. Leaves are transported by the Department to an out of town location.

- Revenues: We collected $16,205 for brush at the Transfer Station during FY22 and another $640 for curbside collection of brush totaling $16,845.

The appropriation requested for disposal is **$2,500**

F. Roll-Out Trash & Recycling Containers (Carts)

- These 96 gallon units are the roll out containers that the residents put their trash and recyclables in for their curbside pickup. We stock approximately 350 roll out containers as replacements and for new residents. Each household is able to have up to 3 blue & 3 green containers. The cost to the residents are $50 each and the Town delivers to the homeowner, if needed. We also stock parts to repair the carts, when possible. The original carts are beginning to break and the Town is having to replace these more often than ever before.
- The revenue from FY22 for these containers was $11,135.

The appropriation requested is **$ 50,000**

G. Street Sweepings / Catch Basin Cleaning

- The MS4 Stormwater permit requires monitoring and cleaning all catch basins and sweeping all streets once per year. We are responsible for 3200 catch basins and 240 lane miles of roads. This results in the disposal of approximately 375 tons of waste from the sweeping of roads and cleaning of catch basins.

- The estimated cost of disposal is $50/load x 500 loads = **$25,000**

H. Other costs associated with the operation of the Transfer Station

- These are related to the scale used for weighing vehicles in and out of the facility and the DEEP Permit to operate a Transfer Station. Those are:

DEEP Permit Annual Fee	$ 800
Annual Scale Calibration	$1,375
State scale registration fee	$ 250
Weigh Master Licenses for staff	$ 350
	$ 2,775

In summary, the appropriation requested for Solid Waste Disposal is as follows:

ITEM	L.I.	COSTS	FY-22 REVENUES
MSW (Tipping Fees)	42007	$ 750,925	$ 288,193
Single Stream Recycling	44212	$ 4,800	$
Bulky Waste (Transfer Station)	42005	$ 135,000	$ 111,139
Bulky Waste (Curbside Pickup)	42003		$ 5,382
Bulky Steel (Scrap Metal)	44204		$ 45,844
Yard Waste/Brush	44213	$ 2,500	$ 16,845
Roll Out Containers & replacement parts	44209	$ 50,000	$ 11,135
Street Sweeping & Catch Basin Cleaning	44206	$ 25,000	
Scale Expenses/DEEP operating Permit		$ 2,775	
TOTAL		$ 971,000	$ 478,538
APPROPRIATION		$ 971,000	

FY18 $807,371
FY19 $841,915
FY20 $852,829
FY21 $876,159
FY22 $858,090

5 year average $847,273 **FY 24 Request $ 940,000**

52475 Recycling Program

The Town purchases promotional items to inform and motivate residents to recycle. We haven't used this line item in the last few years due to the pandemic. We hope to resume these type of activities.

FY18	$250
FY19	$250
FY20	$300
FY21	$0
FY22	$0

5 year average $160 **FY 24 Request $ 200**

52510 Rental of Equipment:

There is, at times, the need to rent Public Works equipment to replace a large piece of equipment if it is down for an extended period of time for repairs.

FY18	$20,119
FY19	$19,990
FY20	$20,465
FY21	$24,765
FY22	$23,023

5 year Average $21,672* **FY 24 Request $ 5,000**
*this includes catch basin cleaning which was moved to another line item

52531 Landfill Cap Maintenance

This line item includes all cost involving the closed, capped Waterford Landfill. The landfill (18 acres) has been officially closed since December 31, 2001. The DEEP permit requires the landfill to be maintained and monitored for 30 years after closure.

Landfill Well Monitoring – involves a monitoring program for testing, monitoring wells, domestic wells and surface water sites.

Currently, monitoring is performed twice a year, in November and May. The monitoring program consists of groundwater and surface water monitoring, plus the collection and sampling of the water supply well at the nearby pig farm. Decomposition gas monitoring is also required, at the two on-site gas ports. VOC testing is required during the May monitoring event. DEEP requires that a semi-annual report for each monitoring event be submitted, and also the submittal of an annual report in February.
$12,500

Landfill Mowing – The closure Permit requires the landfill be mowed twice a year to prevent large vegetation growth and trees. The current bid for this work is $ 5,000 per mowing, and this mowing is done twice a year. **$ 10,000**

Landfill Maintenance There is a need for calcium chloride for dust control and bank run gravel for the approved processing pad and roadway access maintenance to a portion of the top of the closed landfill where we will continue to process brush and general yard waste. An allocation of $2,000 is requested for these items. **$2,000**

Summary	Landfill Monitoring	$ 12,500
	Landfill Mowing	10,000
	Landfill Maintenance	2,000
		$ 24,500

FY18	$23,232
FY19	$20,159
FY20	$21,800
FY21	$19,450
FY22	$23,750

5 year Average $21,678 **FY 24 Request** **$ 23,000**

MATERIALS & SUPPLIES

53010 Office Supplies:

This includes all office supplies not purchased by the Purchasing Agent, which are particular to departmental operations. These items include printing cartridges, diaries and other supplies.

FY18	$156
FY19	$332
FY20	$484
FY21	$303
FY22	$324

5 year average $320 **FY 24 Request $ 325**

53030 Operational Supplies:

This line includes operational and custodial supplies. Operational supplies are hand tools, rain gear, safety equipment, chains, tarpaulins, paint, wiping rags, gloves, etc. used by highway maintenance personnel. Supplies include paper goods, trash bags, etc. and materials required for maintaining the Public Works Complex in an orderly manner. Equipment Maintenance supplies include specialized tools, safety gear, cleaners, oxygen, acetylene and welding accessories. Refuse Collection & Disposal supplies include gloves, wiping rags and other personal protective equipment.

FY18	$ 15,800
FY19	$ 18,032
FY20	$ 16,408
FY21	$ 18,965
FY22	$ 18,615

5 year average $17,564 **FY 24 Request $18,000**

53050 Engineering Equipment and Supplies:

This line item is for all expendable supplies used in the field by the staff, such as wooden stakes, paint, survey tape, etc. Also engineering equipment, engineering references, supplies such as plotting cartridges, paper and other appurtenances for software programs specific to engineering applications are purchased from this line item.

FY18	$403
FY19	$373
FY20	$116
FY21	$200
FY22	$206

5 year average $260 **FY 24 Request $ 300**

53070 Automotive Repairs:

Includes all parts and sublet services required to maintain our pieces of equipment and vehicles. The repairs that are done for other departments have DPW to perform the repairs, but the invoices for those parts are sent to the respective department to pay for them.

FY18	$ 166,456
FY19	$ 166,025

FY20	$ 140,371
FY21	$ 194,378
FY22	$ 210,742

5 year average $ 175,594

The 5 year average doesn't take into account the pricing increases

FY 24 Request $205,000

53090 Fuels and Lubricants:

This includes gasoline, diesel fuel, oils, grease and anti-freeze used on all Public Works equipment. Quantities shown below are the average usage for calendar years FY18 through FY22.

	FY18	FY19	FY 20	FY21	FY22
Unleaded (gal)	4,730	4,701	5,077	6,064	5,537
Diesel (gal)	66,646	64,462	59,995	62,516	60,414

5 year gallon averages
Unleaded – 5,222
Diesel – 62,807

Unleaded Fuel	5,222	**@2.9374/gallon**	=	$ 15,339
Diesel	60,000	**@4.35/gallon**	=	$261,000
Lubricants, DEF & Antifreeze			=	$ 60,000
		Total		$336,339

FY18	$137,222
FY19	$200,564
FY20	$132,996
FY21	$116,293
FY22	$169,151

5 year average $151,245

Due to pricing fluctuations, we are using 5 year averages for product consumed instead of costs.

FY 24 Request $ 327,790

53100 Tires:

This appropriation is for purchases of new tires, recaps and tubes.

FY18	$ 37,652
FY19	$ 39,037
FY20	$ 36,833
FY21	$ 30,253
FY22	$ 31,306

5 year average $ 35,016 **FY 24 Request $ 35,000**

53250 Traffic Control Materials:

All traffic control and street name signs are purchased, installed and inventoried by Public Works staff, in consultation with the Police Department. Currently we maintain 1,944 Regulatory signs, 642 Warning signs, 12 Directional signs and 715 Street Name signs. Street sign sizes, lettering and symbols and reflectivity have been upgraded per the Federal Highway Administration (FHWA), as described in the Manual of Uniform Control Devices (MUTCD).

We maintain 521 Stop Bars, 44 Crosswalks, 4 Rail Road Crossing, 66 Turn Lane Arrows, and 30 Lane Dividers throughout the Town, using material purchased from this account.

All lane markings (center and edge markings) are contracted on an in-place basis. Water based centerlines are being replaced with epoxy paint on newly rehabilitated roads. Epoxy lasts approximately 5 years, while water based paint is repainted annually.

FY18	$ 30,572
FY19	$ 34,972
FY20	$ 33,858
FY21	$ 23,307
FY22	$ 4,841

5 year average $ 25,510 **FY 24 Request** **$ 20,000**

53300 Highway Materials:

All materials utilized for highway maintenance, snow & ice control and small drainage projects are purchased from this line item as required to supplement State Town Aid appropriations presented in line item 10130-55010. Highway Maintenance includes:

- Guide rail repairs
- Repairs to the storm drainage system consisting of outfalls, pipe and catch basins.
- Crack seal, patching and surface treatments of asphalt surfaces

FY18	$ 146,738
FY19	$ 206,386
FY20	$ 261,720

FY21	$ 140,648
FY22	$ 115,564

5 year average $174,211 **FY 24 Request** **$ 170,000**

EQUIPMENT

54050 Automotive Equipment:

The fleet is replaced through the Fleet Management Program funded individually outside the Public Works budget. Funds are necessary, however, for non-rolling stock items.

Non Rolling Stock: Many smaller or specialized pieces of motorized equipment not registered to be on the road also must be considered, such as chain saws, pumps, tampers and attachments which are essential to this department's operation. It also includes equipment for the Equipment Maintenance Division. The requests for non-rolling stock are broken down by divisions below.

Highway Division

Electronic Walkie/Talkie's	$ 1,350

Equipment Maintenance Division

5 Mechanics @ $500/each	$ 2,500
Small Tool repair/replacement	$ 5,000
Work bench replacement (lockable)	$ 5,700
Welding Machine replacement	$ 5,750
Transmission service machine	$ 6,455

Total Highway Division =	$ 1,350
Total Equipment Maintenance Division =	$ 25,405
	$ 26,755

FY18	$ 5,891
FY19	$22,194
FY20	$23,963
FY21	$17,386
FY22	$71,566

5 year average $28,200 **FY24 Request: $ 26,755**

54020 Office Equipment:

FY24 Request: $ 0

TOWN AID

55010 Town Aid - Improved Roads:

Town Aid funds are provided through a State of Connecticut allocation system to all municipalities for maintenance of Town roads. The 2023/2024 allocation to Waterford is estimated to be $317,277. We typically use these funds to purchase road salt and for roadway maintenance.

The total allocation requested is **$ 321,120**

The Board of Selectmen voted on 11/15/11 to make the following adjustment to the Transfer Station Fees effective July 1, 2012. Fees will be in effect all of FY 24.

IV. FEE SCHEDULE

A. The Board of Selectmen shall adopt a fee schedule, which will be effective for a minimum of one year from date of adoption unless circumstances warrant interim review.

B. SCHEDULE OF FEES

1. The Transfer Station **DOES NOT** Accept:
   1. Regular household trash, bottles & cans. These items are collected curbside during our normal weekly curbside collection.
   2. Household Hazardous Waste – Collection sites are provided Spring through Fall. Check newspapers or call Public Works for details.
   3. Grass Clippings: Compost or mulch on lawn.
   4. Rubble, stone, concrete, asphalt, dirt, stumps, rocks.

2. **COLLECTOR LICENSE FEE** – Annual — $25 per truck

3. **TIRES**

Passenger Tires	$ 2/ea
Truck Tires 7:50 x 16 & up	$ 5/ea
Earth Moving Equipment Tires	$50/ea

4. **STUMPS**

Tree Stump (small) < 8"	No Longer Accepted
Tree Stump (large) > 8"	No Longer Accepted

5. **LOGS** — $110/Ton

6. **BRUSH**

Pickup Truck	$ 5/load
Small Dump Truck/Small Dump Trailer(1-2 axle)	$10/load
Large Dump Truck	$15/load
Automobiles – Covered by passenger	

Load sizes for fee purposes are:

Pickup Truck	1 CY
Small Dump Truck/Small Dump Trailer (1-2 axle)	3 CY
Large Dump Truck	6 CY

Attendant will use judgment in setting fees for odd-size loads.

7. **DEMOLITION/CONSTRUCTION DEBRIS**

   Demolition Debris/Shingles — *$110/Ton*
   $5.00 minimum Charge

8. **APPLIANCES**

   Refrigerators, Freezers, Air Conditioners, Dehumidifiers — $15/ea

9. **OVERSIZED MSW (Curbside Pick Up Only)**

   Sofas, Stuffed Chairs, Mattresses Box springs, Carpets — $10/ea

10. **ROLL OUT REFUSE CONTAINERS**

96 Gallon	$50
Rental	$10/month
Additional Containers 96 gallon	$50

Refuse Tipping Fee $62/Ton for Municipal Solid Waste
Delivered to SCRRRA in Preston by Contractors

Bulky Waste Curbside Collection
Call 860-444-5864 for information on how to get an appointment
$20/appt. for regular residential units. Plus applicable fees as shown above.

Brush Curbside Collection
Call 860-444-5864 for information on how to get an appointment
$20/appt. for regular residential units

Accounts over 30 days past due will accrue interest at 1.5% per month.

Accounts with a balance over 90 days will be suspended and access to the Facility will be denied until the balance is paid in full.

C. All fees shall be due and payable upon invoicing or may be paid immediately upon usage. Anyone with a balance due over sixty (60) days will be denied access to the disposal facility.

D. No charge will be made for:

1. Demolition material from a structure burned as Fire Department training
2. Used Motor Oil
3. Anti-freeze
4. Leaves (no plastic bags or grass clippings)
5. Batteries
6. Propane Tanks
7. Metal
8. Fluorescent Bulbs
9. Electronics Recycling

Computers; monitors, TV, Fax Machines, adding machines, printers, scanners, Stereos, speakers

E. Mixed loads of metal and oversized MSW shall be charged at the rate of *$110/Ton*

10130-52050 – Dues, Conferences & Education

CASHO –Yearly Membership
APWA – Yearly Membership
Tree Wardens Assoc. – Yearly Membership
Assistant Director – Continuing Certifications (allows him to inspect State projects for the Town)

Some of these are every other year certifications or every third year

Annual OSHA Requirements for DPW Personnel:

- Confined Space
- Lockout/Tag out
- Blood borne Pathogens
- Hazmat
- Protective Personnel Equipment

Bucket Truck / Forklift Certification – Every 3 years
Flagger Certifications – Every 4 years
DEEP - Class A & Class B certifications for Fuel Storage – Every 2 years (4 employees)

Other Classes taken by DPW Staff:
ATSSA Traffic Safety Signs
Principals of Drainage
Managing Effective Teams
Mechanics Seminars for changing automotive techniques – 2 classes a year / 5 Mechanics
Transfer Station Volume Operator – DEEP required
Snow Plow Safety
Defensive Driving
Leadership & Management Skills
Microsoft Excel
Sexual Harassment Prevention Procedure
Commercial Brake System
Air System Brake
ABS Brake Training
AED Training

TOWN OF WATERFORD
PROPOSED REVENUE BY DEPARTMENT
GENERAL FUND
2023-2024 FISCAL YEAR

All revenues from each department must be listed in the following categories. Please add any revenue lines that are not listed below.

DEPARTMENT: Public Works

LINE ITEM	2020-2021 ACTUAL	2021-2022 ACTUAL	2022-2023 YTD	2023-2024 PROPOSED	VARIANCE
Bulky Waste Fees	114,009	116,521	48,576	**110,000**	**61,424**
Interest/Lien Fees	456	81	9	**50**	**41**
Rentals	59,390	62,531	21,398	**50,000**	**28,602**
Sale of Recyclables	48,621	45,844	27,237	**45,000**	**17,763**
Tipping Fees	329,218	288,193	67,758	**275,000**	**207,242**
Versa Kart/Blue Box Purchases	9,880	11,135	3,870	**10,000**	**6,130**
Curbside Brush Pickup	600	640	400	**600**	**200**
Town Aid	317,276	316,431	160,560	**321,120**	**160,560**
Excavation Permits	2,580	5,855	1,055	**3,000**	**1,945**
					0
					0
TOTALS	**882,030**	**847,231**	**330,863**	**814,770**	**483,907**

TOWN OF WATERFORD
GENERAL FUND
2024 - 2028 CAPITAL IMPROVEMENT PLAN (CIP)

DEPT/AGENCY: 10138

LINE ITEM	DESCRIPTION	FY-2024	FY-2025	FY-2026	FY-2027	FY-2028
BOARD OF SELECTMEN:						
55738	FLEET MANAGEMENT PLAN	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
SUBTOTAL BD. OF SELECTMEN		**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**
INFORMATION TECHNOLOGY:						
NEW	NEXGEN TRANSITION	309,520				
NEW	CONTENT FILTER UPGRADE/REPLACEMENT		21,447			
SUBTOTAL INFORMATION TECHNOLOGY		**309,520**	**21,447**	**0**	**0**	**0**
EMERGENCY MANAGEMENT						
NEW	APCO INTELLICOMGUIDECARD SYSTEM	40,000				
NEW	EVENTIDE NEXLOGDX RECORDER	88,701				
SUBTOTAL EMERGENCY MANAGEMENT		**128,701**	**0**	**0**	**0**	**0**
POLICE DEPARTMENT:						
SUBTOTAL POLICE DEPARTMENT		**0**	**0**	**0**	**0**	**0**
FIRE SERVICES:						
NEW	SECURITY CAMERA SYSTEMS			36,000	36,000	18,000
SUBTOTAL FIRE DEPARTMENT		**0**	**0**	**36,000**	**36,000**	**18,000**
PUBLIC WORKS:						
NEW	BRIDGES/CULVERTS (UNDER 20 FT)					
	OLD NORWICH RD AT HUNTS BROOK CROSSING	15,000		90,000		
	ROAD RESURFACING/PAVING					
NEW	PAVING		750,000	750,000	750,000	750,000
NEW	ROTARY LIFT REPLACEMENTS	75,000				
	MISCELLANEOUS					
55891	Transfer Station (Scale & Scale House)		192,768			
NEW	ROADSIDE BARRIERS			50,000		50,000
NEW	WOODEN STREELIGHT POLES			80,000		80,000
SUBTOTAL PUBLIC WORKS		**90,000**	**942,768**	**970,000**	**750,000**	**880,000**
MUNICIPAL BUILDINGS MAINTENANCE:						
55904	UST REPLACEMENT (EUGENE O'NEILL)	43,500	250,000			
NEW	JORDAN PARK HOUSE REPAIRS	25,000		25,000		
NEW	MUNICIPAL PARK LOT REPAIRS		200,000	150,000	150,000	150,000
NEW	TOWN DOCK REPLACEMENT	40,000				
SUBTOTAL MUNICIPAL BUILDINGS MAINTENANCE		**108,500**	**450,000**	**175,000**	**150,000**	**150,000**
UTILITY COMMISSION:						
NEW	MAINTENANCE SHOP STORAGE BLDG		90,000			
NEW	CONTROL PANEL RETRO-FIT (LIFT STATION)		30,000	30,000	30,000	30,000
55895	ROOF & SIDING REPLACEMENT		50,000	50,000	50,000	50,000
SUBTOTAL UTILITY COMMISSION		**0**	**170,000**	**80,000**	**80,000**	**80,000**

TOWN OF WATERFORD
GENERAL FUND
2024 - 2028 CAPITAL IMPROVEMENT PLAN (CIP)

DEPT/AGENCY: 10138

LINE ITEM	DESCRIPTION	FY-2024	FY-2025	FY-2026	FY-2027	FY-2028
RECREATION & PARKS:						
SUBTOTAL RECREATION & PARKS		0	0	0	0	0
BOARD OF EDUCATION:						
SUBTOTAL BOARD OF EDUCATION:		0	0	0	0	0
TOTAL BUDGET		1,636,721	2,584,215	2,261,000	2,016,000	2,128,000

LESS: GRANTS/OTHER REVENUE (OTHER OFFSETS)						
	STATE RECREATIONAL TRAIL PROGRAM (CIVIC TRIANGLE)					
	EVERSOURCE PAYMENT					
	CONTRIBUTED GIFT GRANT (REC & PARK) CHILDREN'S PLAYGROUND EQUIPMENT					
TOTAL OFFSETS		0	0	0	0	0

TOTAL GENERAL FUND APPROPRIATION	1,636,721	2,584,215	2,261,000	2,016,000	2,128,000

TOWN OF WATERFORD
GENERAL FUND
2023/2024 PROPOSED BUDGET

DEPT/AGENCY: 10139 DEBT SERVICE

LINE ITEM	DESCRIPTION	2021/2022 ACTUAL EXPENDED	2022/2023 RTM APPROP.	2022/2023 ADDITIONAL/ TRANSFERS	ACTUAL EXPEND & ENCUMB AS OF 9/30/22	2023/2024 DEPT/ AGENCY REQUEST	Department Request $ Increase	Department Request % Increaxe
PRINCIPAL & INTEREST								
56029	HIGH SCHOOL BOND PRINCIPAL	1,755,000						
56032	HIGH SCHOOL BOND INTEREST	35,100						
56033	SCHOOLS ISSUE OF 2014 PRINCIPAL	815,000	845,000				(845,000)	-100.00%
56034	SCHOOLS ISSUE OF 2014 INTEREST	57,950	25,530		12,675		(25,530)	-100.00%
56035	2014 BOND REFUNDING - PRINCIPAL	835,000	830,000		830,000	825,000	(5,000)	-0.60%
56036	2014 BOND REFUNDING - INTEREST	206,750	180,738		97,113	146,625	(34,113)	-18.87%
56037	2017 BOND REFUNDING - PRINCIPAL	1,050,000	1,055,000		1,055,000	1,070,000	15,000	1.42%
56038	2017 BOND REFUNDING - INTEREST	609,650	567,525		296,950	514,400	(53,125)	-9.36%
56039	2019 BOND REFUNDING PRINCIPAL	700,000	715,000		715,000	675,000	(40,000)	-5.59%
56040	2019 BOND REFUNDING INTEREST	375,750	340,375		179,125	305,625	(34,750)	-10.21%
56042	2020 MUNICIPAL COMPLEX - PRINCIPAL	685,000	685,000		685,000	685,000	0	0.00%
56043	2020 MUNICIPAL COMPLEX - INTEREST	457,975	423,725		220,425	389,475	(34,250)	-8.08%
56044	2020 BOND REFUNDING - PRINCIPAL		1,180,000		1,180,000	3,195,000	2,015,000	170.76%
56045	2020 BOND REFUNDING - INTEREST	351,458	349,747		175,728	342,125	(7,622)	-2.18%
DEPARTMENT TOTAL		**7,934,633**	**7,197,640**	**0**	**5,447,016**	**8,148,250**	**950,610**	**13.21%**

Principal Subtotal	6,450,000
Interest Subotal	1,698,250

BUDGET FUNCTION

The town typically incurs monetary debt in the form of long-term (20 year) bonds used as a funding source for long-term capital projects. The debt service budget defines the amount of both principal and interest that the town will pay its creditors (typically bondholders) in a given fiscal year.

The debt service budget can also be used to manage repayment of shorter-term multi-year debt. (Note that large capital projects may be funded by any combination of long term borrowing, general fund appropriations, short-term borrowing, grants, special assessments, special revenue fund appropriation, and donations to fully fund a given project. The debt service budget addresses borrowed funds.

References:

Charter Section 3.2.3 Capital Plans (First Selectman)

Ordinance 2.04.170 - Budget Preparation and Submission (RTM)

Ordinance 2.04.180 – Appropriations (RTM)

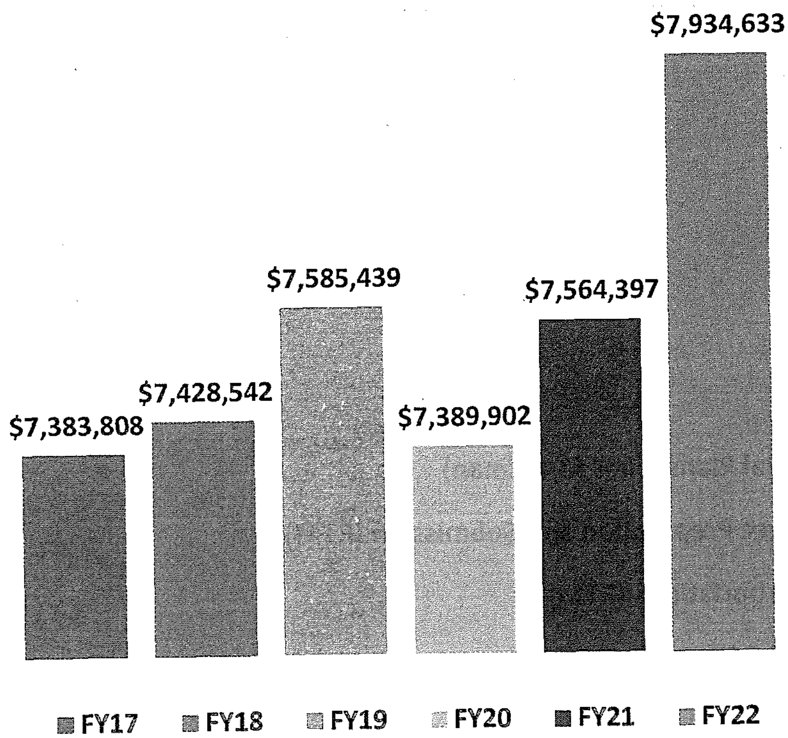
Conn Statutes: C.G.S.A. § 7-369 et seq.

BUDGET SUMMARY

The FY24 budget request is $950,610 (13.21%) higher than fiscal year 2023 due to the following:

1. The2020 Bond Refunding payments were established so that a savings was seen in the first year of the bond while subsequent years will see higher principal payments.
2. The first year's payment was $1,080,000 in FY23 versus $3,195,000 budgeted for FY24.

EXPENDITURE HISTORY



Statement of Debt Incurred, Outstanding Interest Maturities
General Government

Issue	Date of Issue	Maturity Date	Amount of Issue	Ave. Coupon	Outstanding as of 6/30/2023	Principal Due FY-2024	Interest Due FY-2024
2014 Refunding Bond Issue	Dec 2014	Aug. 2026	$9,440,000	4.529%	$3,345,000	$825,000	$146,625
2017 Refunding Bond Issue	Jun 2018	Aug 2030	$14,585,000	4.642%	$11,310,000	$1,070,000	$514,400
2019 Refunding Bond Issue	Dec 2019	Aug 2030	$9,085,000	4.494%	$7,015,000	$675,000	$305,625
2020 Municipal Complex	Jul 2020	Sept 2040	$13,655,000	2.260%	$12,285,000	$685,000	$389,475
2020 Refunding Bond Issue	Dec 2020	Aug 2033	$28,890,000	1.210%	$27,710,000	$3,195,000	$342,125
			$75,655,000		$61,665,000	$6,450,000	$1,698,250

Total Debt Service	**$8,148,250**

Town of Waterford

Bonded Debt History

Original Issues

2007 G.O. Bonds – Additions and Renovations to Clark Lane Middle School		$15,865,000
2009 G.O. Bonds – Additions and Renovations to Quaker Hill Elementary School		$ 8,500,000
2011 G.O. Bonds – Additions and Renovations to Oswegatchie Elementary School		$14,000,000
2012 G.O. Bonds – Additions and Renovations Great Neck Elementary School		$15,640,000
2013 G.O. Bonds – Additions and Renovations to Waterford High School		$33,750,000
2014 G.O. Bonds – Additions and Renovations to Waterford High School		$13,700,000
	Renovations Quaker Hill Elementary	$ 851,545
	Renovations Oswegatchie Elementary	$ 720,425
	Renovations Great Neck Elementary	$ 658,030
	Total	$15,930,000
2020 G.O. Bonds – Municipal Complex Garage Addition and Renovations		$13,655,000
	Total Bonded	$15,096,084

Refunding Issues

2014 G.O. Refunding Bonds	Refunding of G.O. Bonds, Issue 2007	$ 9,440,000

Original 2007 Issue $15,865,000 for Additions and Renovations to Clark Lane Middle School

2017 G.O. Refunding Bonds		$14,585,000
	Refunding of G.O. Bonds, Issue 2009	$ 4,900,000
	Refunding of G.O. Bonds, Issue 2011	$ 7,350,000
	Refunding of G.O. Bonds, Issue 2013	$ 4,000,000
	Total Refunded	$16,250,000
2019 G.O. Refunding Bonds	Refunding of G.O. Bonds, Issue 2012	$ 9,085,000
	Total Refunded	$10,375,000
2020 G.O. Refunding Bonds	Refunding of G.O. Bonds, Issue 2013	$17,585,000
	Refunding of G.O. Bonds, Issue 2014	$10,115,000
	Total Refunded	$28,890,000

Town [illegible]erford
Debt Service
Amorization Schedule

	Original Issue Amount	FY-2024	FY-2025	FY-2026	FY-2027	FY-2028	FY-2029
2014 G.O. Refunding	$ 9,440,000.00						
Principal		$ 825,000.00	$ 835,000.00	$ 840,000.00	$ 845,000.00		
Interest		$ 146,625.00	$ 105,125.00	$ 63,250.00	$ 21,125.00		
		$ 971,625.00	$ 940,125.00	$ 903,250.00	$ 866,125.00	$ -	$ -
2017 G.O. Refunding	$ 14,585,000.00						
Principal		$ 1,070,000.00	$ 1,085,000.00	$ 1,070,000.00	$ 2,830,000.00	$ 2,820,000.00	$ 1,070,000.00
Interest		$ 514,400.00	$ 460,525.00	$ 406,650.00	$ 309,150.00	$ 167,900.00	$ 76,000.00
		$ 1,584,400.00	$ 1,545,525.00	$ 1,476,650.00	$ 3,139,150.00	$ 2,987,900.00	$ 1,146,000.00
2019 G.O. Refunding	$ 9,085,000.00						
Principal		$ 675,000.00	$ 855,000.00	$ 870,000.00	$ 885,000.00	$ 905,000.00	$ 915,000.00
Interest		$ 305,625.00	$ 267,375.00	$ 224,250.00	$ 180,375.00	$ 135,625.00	$ 94,700.00
		$ 980,625.00	$ 1,122,375.00	$ 1,094,250.00	$ 1,065,375.00	$ 1,040,625.00	$ 1,009,700.00

Town (aterford
Debt Service
Amorization Schedule

	Original Issue Amount	FY-2024	FY-2025	FY-2026	FY-2027	FY-2028	FY-2029
2020 G.O. Bonds	$ 13,655.00						
Principal		$ 685,000.00	$ 685,000.00	$ 685,000.00	$ 685,000.00	$ 685,000.00	$ 685,000.00
Interest		$ 389,475.00	$ 355,225.00	$ 320,975.00	$ 286,725.00	$ 252,475.00	$ 218,225.00
		$ 1,074,475.00	$ 1,040,225.00	$ 1,005,975.00	$ 971,725.00	$ 937,475.00	$ 903,225.00
2020 G.O. Refunding	$ 28,890,000.00						
Principal		$ 3,195,000.00	$ 3,135,000.00	$ 3,180,000.00	$ 1,150,000.00	$ 1,135,000.00	$ 3,100,000.00
Interest		$ 342,124.75	$ 314,375.00	$ 304,375.00	$ 286,050.50	$ 273,374.75	$ 243,836.50
		$ 3,537,124.75	$ 3,449,375.00	$ 3,484,375.00	$ 1,436,050.50	$ 1,408,374.75	$ 3,343,836.50
	Principal	$ 6,450,000.00	$ 6,595,000.00	$ 6,645,000.00	$ 6,395,000.00	$ 5,545,000.00	$ 5,770,000.00
	Interest	$ 1,698,249.75	$ 1,502,625.00	$ 1,319,500.00	$ 1,083,425.50	$ 829,374.75	$ 632,761.50
	GRAND TOTAL	$ 8,148,249.75	$ 8,097,625.00	$ 7,964,500.00	$ 7,478,425.50	$ 6,374,374.75	$ 6,402,761.50

	FY-2030	FY-2031	FY-2032	FY-2033	FY-2034	Totals
2014 G.O. Refunding						
Principal						$ 3,345,000.00
Interest						$ 336,125.00
	$ -	$ -	$ -	$ -	$ -	$ 3,681,125.00
2017 G.O. Refunding						
Principal	$ 685,000.00	$ 680,000.00				$ 11,310,000.00
Interest	$ 40,900.00	$ 13,600.00				$ 1,989,125.00
	$ 725,900.00	$ 693,600.00	$ -	$ -	$ -	$ 13,299,125.00
2019 G.O. Refunding						
Principal	$ 950,000.00	$ 960,000.00				$ 7,015,000.00
Interest	$ 57,400.00	$ 19,200.00				$ 1,284,550.00
	$ 1,007,400.00	$ 979,200.00	$ -	$ -	$ -	$ 8,299,550.00

Town of Waterford
Debt Service
Amorization Schedule

	FY-2030	FY-2031	FY-2032	FY-2033	FY-2034	Totals
2020 G.O. Bonds						
Principal	$ 685,000.00	$ 685,000.00				$ 5,480,000.00
Interest	$ 187,400.00	$ 163,425.00				$ 2,173,925.00
	$ 872,400.00	$ 848,425.00	$ -	$ -	$ -	$ 7,653,925.00
2020 G.O. Refunding						
Principal	$ 3,055,000.00	$ 3,015,000.00	$ 2,950,000.00	$ 2,890,000.00	$ 905,000.00	$ 27,710,000.00
Interest	$ 197,069.75	$ 147,912.75	$ 96,925.00	$ 44,380.00	$ 8,823.75	$ 2,259,247.75
	$ 3,252,069.75	$ 3,162,912.75	$ 3,046,925.00	$ 2,934,380.00	$ 913,823.75	$ 29,969,247.75
	$ 5,375,000.00	$ 5,340,000.00	$ 2,950,000.00	$ 2,890,000.00	$ 905,000.00	$ 54,860,000.00
	$ 482,769.75	$ 344,137.75	$ 96,925.00	$ 44,380.00	$ 8,823.75	$ 8,042,972.75
	$ 5,857,769.75	$ 5,684,137.75	$ 3,046,925.00	$ 2,934,380.00	$ 913,823.75	$ 62,902,972.75

2020 Refunding

AMTEC
American Municipal Tax-Exempt Compliance

90 Avon Meadow Lane
Avon, CT 06001
(T) 860-321-7521
(F) 860-321-7581
www.amteccorp.com

Town of Waterford ("Issuer")
15 Rope Ferry Road
Waterford, CT 06385

Day Pitney, LLP ("Bond Counsel")
242 Trumbull Street
Hartford, CT 06103

Hilltop Securities Inc. ("Financial Advisor")
129 Samson Rock Drive, Suite A
Madison, CT 06443

Robert W. Baird & Co., Inc. ("Senior Manager")
One Harding Road, Suite 207
Red Bank, NJ 07701

U.S. Bank National Association
("Paying/Escrow Agent")
CityPlace I, 185 Asylum Street, 27th Floor
Hartford, CT 06103

Town of Waterford, Connecticut
General Obligation Refunding Bonds, Series 2020B (Federally Taxable)

The Town of Waterford, Connecticut proposes to issue the above referenced General Obligation Refunding Bonds, Series 2020B (Federally Taxable) (the "Bonds"). The Bonds are dated December 30, 2020 and will be issued on December 30, 2020. The Bonds consist of $28,890,000 Serial Bonds.

A portion of the proceeds of the Bonds will be used to purchase United States Treasury Securities – State and Local Government Series (the "Acquired Obligations"), together with an initial cash deposit, which will be placed in an irrevocable escrow fund, to be used solely to refund that portion of the Issuer's General Obligation Bonds, Issue of 2013 and General Obligation Bonds, Issue of 2014 described below (collectively, the "Refunded Bonds").

Series	Principal Issued	Dated	Principal Refunded	Maturities Refunded	Redemption Date	Redemption Price
2013	$33,750,000	3/15/13	$17,585,000	8/15/22 to 8/15/32	8/15/21	100%
2014	$15,930,000	3/17/14	$10,115,000	3/15/24 to 3/15/34	3/15/22	100%

At your request, we have independently calculated, based on information and assumptions as provided to us by the Financial Advisor, that the receipts from the Acquired Obligations, along with the initial cash deposit, will be sufficient to pay to and at redemption, the principal and interest on the Refunded Bonds.

At your request, we have independently verified the arithmetical accuracy of the computations based on schedules provided to us by the Financial Advisor. We have relied solely on the assumptions and information, as provided to us by the Financial Advisor, and have not made any study or evaluation of them, except as noted below. We express no opinion on the reasonableness of the assumptions, or the likelihood that the debt service requirements of the Refunded Bonds will be paid as described in the accompanying exhibits.

General Obligation Bonds, Issue of 2013

Issue	Dated Date	Maturity Date	Amount Outstanding	Interest Rate	Redemption Date	Redemption Price
2013	3/15/2013	8/15/2022	$1,755,000	2.000%	8/15/2021	100.00%
2013	3/15/2013	8/15/2023	1,955,000	2.250	8/15/2021	100.00
2013	3/15/2013	8/15/2024	1,955,000	2.250	8/15/2021	100.00
2013	3/15/2013	8/15/2025	2,000,000	2.500	8/15/2021	100.00
2013	3/15/2013	8/15/2028	2,000,000	3.250	8/15/2021	100.00
2013	3/15/2013	8/15/2029	2,000,000	3.000	8/15/2021	100.00
2013	3/15/2013	8/15/2030	2,000,000	3.000	8/15/2021	100.00
2013	3/15/2013	8/15/2031	1,970,000	3.100	8/15/2021	100.00
2013	3/15/2013	8/15/2032	1,950,000	3.500	8/15/2021	100.00
			17,585,000			

General Obligation Bonds, Issue of 2014

Issue	Dated Date	Maturity Date	Amount Outstanding	Interest Rate	Redemption Date	Redemption Price
2014	3/17/2014	3/15/2024	875,000	3.000	3/15/2022	100.00
2014	3/17/2014	3/15/2025	875,000	3.000	3/15/2022	100.00
2014	3/17/2014	3/15/2026	920,000	3.000	3/15/2022	100.00
2014	3/17/2014	3/15/2027	925,000	3.000	3/15/2022	100.00
2014	3/17/2014	3/15/2028	925,000	3.200	3/15/2022	100.00
2014	3/17/2014	3/15/2029	925,000	3.250	3/15/2022	100.00
2014	3/17/2014	3/15/2030	925,000	3.500	3/15/2022	100.00
2014	3/17/2014	3/15/2031	925,000	3.625	3/15/2022	100.00
2014	3/17/2014	3/15/2032	940,000	3.750	3/15/2022	100.00
2014	3/17/2014	3/15/2033	940,000	3.875	3/15/2022	100.00
2014	3/17/2014	3/15/2034	940,000	3.875	3/15/2022	100.00
			$10,115,000			
		Total..............	$27,700,000			

Upon delivery of the Bonds, a portion of proceeds of the Bonds will be placed in an irrevocable escrow fund (the "Escrow Deposit Fund") established with U.S. Bank National Association, as escrow agent (the "Escrow Agent") under an Escrow Agreement (the "Escrow Agreement") dated as of the date of delivery of the Bonds, between the Escrow Agent and the Town. The Escrow Agent will use such proceeds to purchase a portfolio of non-callable direct obligations guaranteed by the government of the United States of America, including United States Treasury State and Local Government Series ("SLGS") securities, Federal National Mortgage Association ("FNMA") securities and any other securities permitted by Section 7-400 of the Connecticut General Statutes, all of which shall not be callable or prepayable at the option of the issuer of the securities (the "Escrow Securities"), the principal of and interest on which, when due, will provide amounts sufficient to pay the principal, interest and redemption premium on the Refunded Bonds to the redemption dates or maturity (the "Escrow Requirements"). All investment income on and maturing principal of the Escrow Securities held in the Escrow Deposit Fund and needed to pay the principal, interest and redemption premium on the Refunded Bonds will be irrevocably deposited by the Town for payment of the Refunded Bonds. The balance of the proceeds of the Bonds will be used to pay costs of issuance and Underwriter's discount.

BOND DEBT SERVICE

Town of Waterford, Connecticut
General Obligation Refunding Bonds, Series 2020B (Federally Taxable)

Dated Date 12/30/2020
Delivery Date 12/30/2020

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
02/15/2021			43,932.19	43,932.19	
06/30/2021					43,932.19
08/15/2021			175,728.75	175,728.75	
02/15/2022			175,728.75	175,728.75	
06/30/2022					351,457.50
08/15/2022	1,180,000	0.290%	175,728.75	1,355,728.75	
02/15/2023			174,017.75	174,017.75	
06/30/2023					1,529,746.50
08/15/2023	3,195,000	0.370%	174,017.75	3,369,017.75	
02/15/2024			168,107.00	168,107.00	
06/30/2024					3,537,124.75
08/15/2024	3,135,000	0.620%	168,107.00	3,303,107.00	
02/15/2025			158,388.50	158,388.50	
06/30/2025					3,461,495.50
08/15/2025	3,180,000	0.780%	158,388.50	3,338,388.50	
02/15/2026			145,986.50	145,986.50	
06/30/2026					3,484,375.00
08/15/2026	1,150,000	1.030%	145,986.50	1,295,986.50	
02/15/2027			140,064.00	140,064.00	
06/30/2027					1,436,050.50
08/15/2027	1,135,000	1.190%	140,064.00	1,275,064.00	
02/15/2028			133,310.75	133,310.75	
06/30/2028					1,408,374.75
08/15/2028	3,100,000	1.470%	133,310.75	3,233,310.75	
02/15/2029			110,525.75	110,525.75	
06/30/2029					3,343,836.50
08/15/2029	3,055,000	1.570%	110,525.75	3,165,525.75	
02/15/2030			86,544.00	86,544.00	
06/30/2030					3,252,069.75
08/15/2030	3,015,000	1.670%	86,544.00	3,101,544.00	
02/15/2031			61,368.75	61,368.75	
06/30/2031					3,162,912.75
08/15/2031	2,950,000	1.750%	61,368.75	3,011,368.75	
02/15/2032			35,556.25	35,556.25	
06/30/2032					3,046,925.00
08/15/2032	2,890,000	1.850%	35,556.25	2,925,556.25	
02/15/2033			8,823.75	8,823.75	
06/30/2033					2,934,380.00
08/15/2033	905,000	1.950%	8,823.75	913,823.75	
06/30/2034					913,823.75
	28,890,000		3,016,504.44	31,906,504.44	31,906,504.44

PROOF OF ARBITRAGE YIELD

Town of Waterford, Connecticut
General Obligation Refunding Bonds, Series 2020B (Federally Taxable)

Date	Debt Service	Total	Present Value to 12/30/2020 @ 1.4572961436%
02/15/2021	43,932.19	43,932.19	43,852.52
08/15/2021	175,728.75	175,728.75	174,141.21
02/15/2022	175,728.75	175,728.75	172,881.51
08/15/2022	1,355,728.75	1,355,728.75	1,324,114.49
02/15/2023	174,017.75	174,017.75	168,730.38
08/15/2023	3,369,017.75	3,369,017.75	3,243,022.95
02/15/2024	168,107.00	168,107.00	160,649.55
08/15/2024	3,303,107.00	3,303,107.00	3,133,742.84
02/15/2025	158,388.50	158,388.50	149,180.26
08/15/2025	3,338,388.50	3,338,388.50	3,121,559.22
02/15/2026	145,986.50	145,986.50	135,517.19
08/15/2026	1,295,986.50	1,295,986.50	1,194,343.28
02/15/2027	140,064.00	140,064.00	128,145.16
08/15/2027	1,275,064.00	1,275,064.00	1,158,122.95
02/15/2028	133,310.75	133,310.75	120,208.41
08/15/2028	3,233,310.75	3,233,310.75	2,894,437.11
02/15/2029	110,525.75	110,525.75	98,226.15
08/15/2029	3,165,525.75	3,165,525.75	2,792,907.24
02/15/2030	86,544.00	86,544.00	75,804.44
08/15/2030	3,101,544.00	3,101,544.00	2,697,010.26
02/15/2031	61,368.75	61,368.75	52,978.41
08/15/2031	3,011,368.75	3,011,368.75	2,580,848.91
02/15/2032	35,556.25	35,556.25	30,252.52
08/15/2032	2,925,556.25	2,925,556.25	2,471,161.24
02/15/2033	8,823.75	8,823.75	7,399.34
08/15/2033	913,823.75	913,823.75	760,762.44
	31,906,504.44	31,906,504.44	28,890,000.00

Proceeds Summary

Delivery date	12/30/2020
Par Value	28,890,000.00
Target for yield calculation	28,890,000.00

SAVINGS

Town of Waterford, Connecticut
General Obligation Refunding Bonds, Series 2020B (Federally Taxable)

Date	Prior Debt Service	Refunding Debt Service	Savings	Present Value to 12/30/2020 @ 1.4572961%
06/30/2021	414,456.88	43,932.19	370,524.69	369,646.67
06/30/2022	828,913.76	351,457.50	477,456.26	471,023.82
06/30/2023	2,566,363.76	1,529,746.50	1,036,617.26	1,010,467.74
06/30/2024	3,601,820.01	3,537,124.75	64,695.26	53,335.62
06/30/2025	3,531,582.51	3,461,495.50	70,087.01	57,886.39
06/30/2026	3,548,338.76	3,484,375.00	63,963.76	51,175.07
06/30/2027	1,500,738.76	1,436,050.50	64,688.26	51,149.35
06/30/2028	1,472,988.76	1,408,374.75	64,614.01	50,421.74
06/30/2029	3,410,888.76	3,343,836.50	67,052.26	52,068.28
06/30/2030	3,318,326.26	3,252,069.75	66,256.51	50,781.93
06/30/2031	3,225,951.26	3,162,912.75	63,038.51	47,417.71
06/30/2032	3,116,885.00	3,046,925.00	69,960.00	52,725.55
06/30/2033	2,996,975.00	2,934,380.00	62,595.00	45,933.17
06/30/2034	976,425.00	913,823.75	62,601.25	45,369.31
	34,510,654.48	31,906,504.44	2,604,150.04	2,409,402.34

Savings Summary

PV of savings from cash flow	2,409,402.34
Plus: Refunding funds on hand	3,869.32
Net PV Savings	2,413,271.66

Municipal Complex

BOND DEBT SERVICE

Town of Waterford, Connecticut
General Obligation Bonds, Series 2020
FINAL NUMBERS

Period Ending	Principal	Coupon	Interest	Debt Service
06/30/2021			306,175.56	306,175.56
06/30/2022	685,000	5.000%	457,975.00	1,142,975.00
06/30/2023	685,000	5.000%	423,725.00	1,108,725.00
06/30/2024	685,000	5.000%	389,475.00	1,074,475.00
06/30/2025	685,000	5.000%	355,225.00	1,040,225.00
06/30/2026	685,000	5.000%	320,975.00	1,005,975.00
06/30/2027	685,000	5.000%	286,725.00	971,725.00
06/30/2028	685,000	5.000%	252,475.00	937,475.00
06/30/2029	685,000	5.000%	218,225.00	903,225.00
06/30/2030	685,000	4.000%	187,400.00	872,400.00
06/30/2031	685,000	3.000%	163,425.00	848,425.00
06/30/2032	685,000	3.000%	142,875.00	827,875.00
06/30/2033	680,000	3.000%	122,400.00	802,400.00
06/30/2034	680,000	2.000%	105,400.00	785,400.00
06/30/2035	680,000	2.000%	91,800.00	771,800.00
06/30/2036	680,000	2.000%	78,200.00	758,200.00
06/30/2037	680,000	2.000%	64,600.00	744,600.00
06/30/2038	680,000	2.125%	50,575.00	730,575.00
06/30/2039	680,000	2.125%	36,125.00	716,125.00
06/30/2040	680,000	2.125%	21,675.00	701,675.00
06/30/2041	680,000	2.125%	7,225.00	687,225.00
	13,655,000		4,082,675.56	17,737,675.56

HilltopSecurities
A Hilltop Holdings Company.

Municipal Complex

BOND DEBT SERVICE

Town of Waterford, Connecticut
General Obligation Bonds, Series 2020
FINAL NUMBERS

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
03/15/2021			306,175.56	306,175.56	
06/30/2021					306,175.56
09/15/2021	685,000	5.000%	237,550.00	922,550.00	
03/15/2022			220,425.00	220,425.00	
06/30/2022					1,142,975.00
09/15/2022	685,000	5.000%	220,425.00	905,425.00	
03/15/2023			203,300.00	203,300.00	
06/30/2023					1,108,725.00
09/15/2023	685,000	5.000%	203,300.00	888,300.00	
03/15/2024			186,175.00	186,175.00	
06/30/2024					1,074,475.00
09/15/2024	685,000	5.000%	186,175.00	871,175.00	
03/15/2025			169,050.00	169,050.00	
06/30/2025					1,040,225.00
09/15/2025	685,000	5.000%	169,050.00	854,050.00	
03/15/2026			151,925.00	151,925.00	
06/30/2026					1,005,975.00
09/15/2026	685,000	5.000%	151,925.00	836,925.00	
03/15/2027			134,800.00	134,800.00	
06/30/2027					971,725.00
09/15/2027	685,000	5.000%	134,800.00	819,800.00	
03/15/2028			117,675.00	117,675.00	
06/30/2028					937,475.00
09/15/2028	685,000	5.000%	117,675.00	802,675.00	
03/15/2029			100,550.00	100,550.00	
06/30/2029					903,225.00
09/15/2029	685,000	4.000%	100,550.00	785,550.00	
03/15/2030			86,850.00	86,850.00	
06/30/2030					872,400.00
09/15/2030	685,000	3.000%	86,850.00	771,850.00	
03/15/2031			76,575.00	76,575.00	
06/30/2031					848,425.00
09/15/2031	685,000	3.000%	76,575.00	761,575.00	
03/15/2032			66,300.00	66,300.00	
06/30/2032					827,875.00
09/15/2032	680,000	3.000%	66,300.00	746,300.00	
03/15/2033			56,100.00	56,100.00	
06/30/2033					802,400.00
09/15/2033	680,000	2.000%	56,100.00	736,100.00	
03/15/2034			49,300.00	49,300.00	
06/30/2034					785,400.00
09/15/2034	680,000	2.000%	49,300.00	729,300.00	
03/15/2035			42,500.00	42,500.00	
06/30/2035					771,800.00
09/15/2035	680,000	2.000%	42,500.00	722,500.00	
03/15/2036			35,700.00	35,700.00	
06/30/2036					758,200.00
09/15/2036	680,000	2.000%	35,700.00	715,700.00	
03/15/2037			28,900.00	28,900.00	
06/30/2037					744,600.00
09/15/2037	680,000	2.125%	28,900.00	708,900.00	
03/15/2038			21,675.00	21,675.00	
06/30/2038					730,575.00
09/15/2038	680,000	2.125%	21,675.00	701,675.00	
03/15/2039			14,450.00	14,450.00	
06/30/2039					716,125.00
09/15/2039	680,000	2.125%	14,450.00	694,450.00	
03/15/2040			7,225.00	7,225.00	
06/30/2040					701,675.00
09/15/2040	680,000	2.125%	7,225.00	687,225.00	
06/30/2041					687,225.00
	13,655,000		4,082,675.56	17,737,675.56	17,737,675.56

BOND DEBT SERVICE

Waterford Outstanding Debt Post 2019 Refunding

Period Ending	Principal	Coupon	Interest	Debt Service
06/30/2021	5,060,000	** %	2,344,370.57	7,404,370.57
06/30/2022	5,155,000	** %	2,114,113.76	7,269,113.76
06/30/2023	5,200,000	** %	1,925,351.26	7,125,351.26
06/30/2024	5,400,000	** %	1,738,470.01	7,138,470.01
06/30/2025	5,605,000	** %	1,534,607.51	7,139,607.51
06/30/2026	5,700,000	** %	1,322,488.76	7,022,488.76
06/30/2027	5,485,000	** %	1,086,388.76	6,571,388.76
06/30/2028	4,650,000	** %	851,513.76	5,501,513.76
06/30/2029	4,910,000	** %	656,588.76	5,566,588.76
06/30/2030	4,560,000	** %	491,626.26	5,051,626.26
06/30/2031	4,565,000	** %	333,751.26	4,898,751.26
06/30/2032	2,910,000	** %	206,885.00	3,116,885.00
06/30/2033	2,890,000	** %	106,975.00	2,996,975.00
06/30/2034	940,000	3.875%	36,425.00	976,425.00
	63,030,000		14,749,555.67	77,779,555.67

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
2012 General Obligation Bonds - Post 2019 Refunding

Bond Component

Period Ending	Principal	Interest	Debt Service	Annual Debt Service
	0	0	0	0

2019 Refunding

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
$9,085,000 General Obligation Bonds, Series 2019
Final Numbers

Bond Component

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
08/01/2020	655,000	4.000%	245,844.31	900,844.31	
02/01/2021			196,625.00	196,625.00	
06/30/2021					1,097,469.31
08/01/2021	700,000	5.000%	196,625.00	896,625.00	
02/01/2022			179,125.00	179,125.00	
06/30/2022					1,075,750.00
08/01/2022	715,000	5.000%	179,125.00	894,125.00	
02/01/2023			161,250.00	161,250.00	
06/30/2023					1,055,375.00
08/01/2023	675,000	5.000%	161,250.00	836,250.00	
02/01/2024			144,375.00	144,375.00	
06/30/2024					980,625.00
08/01/2024	855,000	5.000%	144,375.00	999,375.00	
02/01/2025			123,000.00	123,000.00	
06/30/2025					1,122,375.00
08/01/2025	870,000	5.000%	123,000.00	993,000.00	
02/01/2026			101,250.00	101,250.00	
06/30/2026					1,094,250.00
08/01/2026	885,000	5.000%	101,250.00	986,250.00	
02/01/2027			79,125.00	79,125.00	
06/30/2027					1,065,375.00
08/01/2027	905,000	5.000%	79,125.00	984,125.00	
02/01/2028			56,500.00	56,500.00	
06/30/2028					1,040,625.00
08/01/2028	915,000	4.000%	56,500.00	971,500.00	
02/01/2029			38,200.00	38,200.00	
06/30/2029					1,009,700.00
08/01/2029	950,000	4.000%	38,200.00	988,200.00	
02/01/2030			19,200.00	19,200.00	
06/30/2030					1,007,400.00
08/01/2030	960,000	4.000%	19,200.00	979,200.00	
06/30/2031					979,200.00
	9,085,000		2,443,144.31	11,528,144.31	11,528,144.31

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
GO Bonds, Issue of 2011 - Post 2017 Refunding

Bond Component

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
08/01/2020	735,000	2.500%	9,187.50	744,187.50	
06/30/2021					744,187.50
	735,000		9,187.50	744,187.50	744,187.50

2017 Refunding

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
$14,585,000 General Obligation Refunding Bonds, Issue of 2017

Bond Component

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
08/01/2020	325,000	3.000%	317,575	642,575	
02/01/2021			312,700	312,700	
06/30/2021					955,275
08/01/2021	1,050,000	3.000%	312,700	1,362,700	
02/01/2022			296,950	296,950	
06/30/2022					1,659,650
08/01/2022	1,055,000	5.000%	296,950	1,351,950	
02/01/2023			270,575	270,575	
06/30/2023					1,622,525
08/01/2023	1,070,000	5.000%	270,575	1,340,575	
02/01/2024			243,825	243,825	
06/30/2024					1,584,400
08/01/2024	1,085,000	5.000%	243,825	1,328,825	
02/01/2025			216,700	216,700	
06/30/2025					1,545,525
08/01/2025	1,070,000	5.000%	216,700	1,286,700	
02/01/2026			189,950	189,950	
06/30/2026					1,476,650
08/01/2026	2,830,000	5.000%	189,950	3,019,950	
02/01/2027			119,200	119,200	
06/30/2027					3,139,150
08/01/2027	2,820,000	5.000%	119,200	2,939,200	
02/01/2028			48,700	48,700	
06/30/2028					2,987,900
08/01/2028	1,070,000	4.000%	48,700	1,118,700	
02/01/2029			27,300	27,300	
06/30/2029					1,146,000
08/01/2029	685,000	4.000%	27,300	712,300	
02/01/2030			13,600	13,600	
06/30/2030					725,900
08/01/2030	680,000	4.000%	13,600	693,600	
06/30/2031					693,600
	13,740,000		3,796,575	17,536,575	17,536,575

2014 Refunding

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
$9,440,000 General Obligation Refunding Bonds, Issue of 2014

Bond Component

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
08/15/2020	840,000	5.000%	130,637.50	970,637.50	
02/15/2021			109,637.50	109,637.50	
06/30/2021					1,080,275.00
08/15/2021	835,000	3.000%	109,637.50	944,637.50	
02/15/2022			97,112.50	97,112.50	
06/30/2022					1,041,750.00
08/15/2022	830,000	3.250%	97,112.50	927,112.50	
02/15/2023			83,625.00	83,625.00	
06/30/2023					1,010,737.50
08/15/2023	825,000	5.000%	83,625.00	908,625.00	
02/15/2024			63,000.00	63,000.00	
06/30/2024					971,625.00
08/15/2024	835,000	5.000%	63,000.00	898,000.00	
02/15/2025			42,125.00	42,125.00	
06/30/2025					940,125.00
08/15/2025	840,000	5.000%	42,125.00	882,125.00	
02/15/2026			21,125.00	21,125.00	
06/30/2026					903,250.00
08/15/2026	845,000	5.000%	21,125.00	866,125.00	
06/30/2027					866,125.00
	5,850,000		963,887.50	6,813,887.50	6,813,887.50

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
$15,930,000 General Obligation Bonds, Issue of 2014

Bond Component

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
09/15/2020			214,734.38	214,734.38	
03/15/2021	750,000	4.000%	214,734.38	964,734.38	
06/30/2021					1,179,468.76
09/15/2021			199,734.38	199,734.38	
03/15/2022	815,000	4.000%	199,734.38	1,014,734.38	
06/30/2022					1,214,468.76
09/15/2022			183,434.38	183,434.38	
03/15/2023	845,000	3.000%	183,434.38	1,028,434.38	
06/30/2023					1,211,868.76
09/15/2023			170,759.38	170,759.38	
03/15/2024	875,000	3.000%	170,759.38	1,045,759.38	
06/30/2024					1,216,518.76
09/15/2024			157,634.38	157,634.38	
03/15/2025	875,000	3.000%	157,634.38	1,032,634.38	
06/30/2025					1,190,268.76
09/15/2025			144,509.38	144,509.38	
03/15/2026	920,000	3.000%	144,509.38	1,064,509.38	
06/30/2026					1,209,018.76
09/15/2026			130,709.38	130,709.38	
03/15/2027	925,000	3.000%	130,709.38	1,055,709.38	
06/30/2027					1,186,418.76
09/15/2027			116,834.38	116,834.38	
03/15/2028	925,000	3.200%	116,834.38	1,041,834.38	
06/30/2028					1,158,668.76
09/15/2028			102,034.38	102,034.38	
03/15/2029	925,000	3.250%	102,034.38	1,027,034.38	
06/30/2029					1,129,068.76
09/15/2029			87,003.13	87,003.13	
03/15/2030	925,000	3.500%	87,003.13	1,012,003.13	
06/30/2030					1,099,006.26
09/15/2030			70,815.63	70,815.63	
03/15/2031	925,000	3.625%	70,815.63	995,815.63	
06/30/2031					1,066,631.26
09/15/2031			54,050.00	54,050.00	
03/15/2032	940,000	3.750%	54,050.00	994,050.00	
06/30/2032					1,048,100.00
09/15/2032			36,425.00	36,425.00	
03/15/2033	940,000	3.875%	36,425.00	976,425.00	

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
$15,930,000 General Obligation Bonds, Issue of 2014

Bond Component

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
06/30/2033					1,012,850.00
09/15/2033			18,212.50	18,212.50	
03/15/2034	940,000	3.875%	18,212.50	958,212.50	
06/30/2034					976,425.00
	12,525,000		3,373,781.36	15,898,781.36	15,898,781.36

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
$33,750,000 Genarl Obligation Bonds, Issue of 2013 - Post 2017 Refunding

Serial Component

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
08/15/2020	1,755,000	4.000%	313,897.50	2,068,897.50	
02/15/2021			278,797.50	278,797.50	
06/30/2021					2,347,695.00
08/15/2021	1,755,000	4.000%	278,797.50	2,033,797.50	
02/15/2022			243,697.50	243,697.50	
06/30/2022					2,277,495.00
08/15/2022	1,755,000	2.000%	243,697.50	1,998,697.50	
02/15/2023			226,147.50	226,147.50	
06/30/2023					2,224,845.00
08/15/2023	1,955,000	2.250%	226,147.50	2,181,147.50	
02/15/2024			204,153.75	204,153.75	
06/30/2024					2,385,301.25
08/15/2024	1,955,000	2.250%	204,153.75	2,159,153.75	
02/15/2025			182,160.00	182,160.00	
06/30/2025					2,341,313.75
08/15/2025	2,000,000	2.500%	182,160.00	2,182,160.00	
02/15/2026			157,160.00	157,160.00	
06/30/2026					2,339,320.00
08/15/2026			157,160.00	157,160.00	
02/15/2027			157,160.00	157,160.00	
06/30/2027					314,320.00
08/15/2027			157,160.00	157,160.00	
02/15/2028			157,160.00	157,160.00	
06/30/2028					314,320.00
08/15/2028	2,000,000	3.250%	157,160.00	2,157,160.00	
02/15/2029			124,660.00	124,660.00	
06/30/2029					2,281,820.00
08/15/2029	2,000,000	3.000%	124,660.00	2,124,660.00	
02/15/2030			94,660.00	94,660.00	
06/30/2030					2,219,320.00
08/15/2030	2,000,000	3.000%	94,660.00	2,094,660.00	
02/15/2031			64,660.00	64,660.00	
06/30/2031					2,159,320.00
08/15/2031	1,970,000	3.100%	64,660.00	2,034,660.00	
02/15/2032			34,125.00	34,125.00	
06/30/2032					2,068,785.00
08/15/2032	1,950,000	3.500%	34,125.00	1,984,125.00	
06/30/2033					1,984,125.00
	21,095,000		4,162,980.00	25,257,980.00	25,257,980.00

TOWN OF WATERFORD
GENERAL FUND
2024-2028 CNR

DEPT/AGENCY: 10140

LINE ITEM	DESCRIPTION	FY-2024	FY-2025	FY-2026	FY-2027	FY-2028
ASSESSOR						
57639	REVALUATION	75,000	75,000	75,000	75,000	75,000
SUBTOTAL ASSESSOR:		**75,000**	**75,000**	**75,000**	**75,000**	**75,000**
INFORMATION TECHNOLOGY						
NEW	COMPUTER REPLACEMENTS	42,250	42,500	40,000	42,250	42,500
NEW	SAN UPGRADE/REPLACEMENT		111,699			
NEW	SERVER UPGRADE/REPLACEMENT			185,194		
57860	PHONE SYSTEM UPGRADE (SOFTWARE & HARDWARE)					
SUBTOTAL INFORMATION TECHNOLOGY:		**42,250**	**154,199**	**225,194**	**42,250**	**42,500**
POLICE DEPARTMENT						
NEW	LOCKER ROOM LOCKERS					
SUBTOTAL POLICE DEPARTMENT		**0**	**0**	**0**	**0**	**0**
LIBRARY						
57848	LIBRARY HVAC UPGRADE					
SUBTOTAL LIBRARY		**0**	**0**	**0**	**0**	**0**
FIRE SERVICES						
57777	FIRE SERVICE - SCBA UPGRADE PROGRAM	64,000	44,000	40,000	28,000	0
NEW	FIRE ALARM REPLACEMENT		16,000			
NEW	BUNK ROOM RENOVATIONS					55,000
NEW	BATHROOM RENOVATIONS				65,000	
NEW	PFAS FOAM CLEAN UP					
NEW	AIRBAG SYSTEM REPLACEMENT		25,000			
SUBTOTAL FIRE SERVICES:		**64,000**	**85,000**	**40,000**	**93,000**	**55,000**
EMERGENCY MANAGEMENT						
SUBTOTAL EMERGENCY MANAGEMENT:		**0**	**0**	**0**	**0**	**0**
RECREATION & PARKS						
SUBTOTAL REC & PARKS		**0**	**0**	**0**	**0**	**0**
PUBLIC WORKS:						
SUBTOTAL PUBLIC WORKS		**0**	**0**	**0**	**0**	**0**
UTILITIES COMMISSION:						
NEW	WATER PRESSURE IMPROVEMENTS (BLOOMINGDALE RD)		440,000	440,000	440,000	440,000

TOWN OF WATERFORD
GENERAL FUND
2024-2028 CNR

DEPT/AGENCY: 10140

LINE ITEM	DESCRIPTION	FY-2024	FY-2025	FY-2026	FY-2027	FY-2028
NEW	WATER DISTR - PLASTIC SVCS REPLACEMENT	100,000	100,000	100,000	100,000	100,000
NEW	EJECTOR REPLACEMENT (MARILYN RD, WIEMES CT)		475,000	500,000		
NEW	STONEY BROOK PS PARTIAL UPGRADE			523,775		
NEW	PARTIAL UPDGRADE FOR OTHER 17 STATIONS			200,000	200,000	200,000
NEW	PLEASURE BEACH WATER LINE REPLACMENT				175,000	175,000
NEW	BARLETT CORNER PS DECOMMISSION					60,000
57685	I/I MITIGATION & CONTROL		100,000	100,000	100,000	100,000
57816	OLD NORWICH PS (STATION REHAB)		400,000			
SUBTOTAL UTILITIES COMMISSION		**100,000**	**1,515,000**	**1,863,775**	**1,015,000**	**1,075,000**
MUNICIPAL BUILDINGS MAINTENANCE						
SUBTOTAL MUNICIPAL BUILDINGS MAINTENANCE		**0**	**0**	**0**	**0**	**0**
BOARD OF EDUCATION						
57833	TENNIS COURTS		350,000	355,000		
55857	HIGH SCHOOL FIELD FLOORING/BLEACHERS			390,000		
57820	WHS - TURF FIELD AND TRACK		550,000	550,000	110,000	110,000
NEW	WHS - TURF SOFTBALL			45,000	45,000	45,000
57822	IT LEARNING BOARDS-END OF LIFE					265,000
57827	IT VITUAL DESKTOP MAIN PROCESSOR				325,000	
NEW	QUAKER HILL HEAT PUMP			165,000	165,000	
NEW	OSWEGATCHIE HEAT PUMP REPLACEMENT				165,000	165,000
NEW	GREAT NECK HEAT PUMP REPLACEMENT					165,000
NEW	BOE MUNIS IMPLEMENTATION		150,000			
SUBTOTAL BOARD OF EDUCATION		**0**	**1,050,000**	**1,505,000**	**810,000**	**750,000**
DEPARTMENT TOTAL		**281,250**	**2,879,199**	**3,708,969**	**2,035,250**	**1,997,500**

LESS: GRANTS/OTHER REVENUE						
TOTAL FUNDING OFFSETS		**0**	**0**	**0**	**0**	**0**
TOTAL GENERAL FUND APPROPRIATION		**281,250**	**2,879,199**	**3,708,969**	**2,035,250**	**1,997,500**