



FY 2024 DPW BUDGET

MICHAEL A. FOWLER, P. E.
DIRECTOR OF PUBLIC WORKS

DPW Overview

- ▶ 11 Divisions including Water, Wastewater & Health
- ▶ 62 FT, 7 PT and seasonal employees
- ▶ Responsible for providing a broad range of public services at a reasonable cost to taxpayers.
- ▶ **Proposed FY 24 GF Revenue** **\$2,846,780**
- ▶ **Proposed FY 24 GF Expenditures** **\$11,040,478**

DPW Overview

- ▶ Compare the DPW budget with CPI U
- ▶ CPI-U Feb 2005 191.8
- ▶ CPI-U Feb 2023 300.8
- ▶ CPI-U Feb 2005 – Feb 2023 +56%/2.5% Annual
- ▶ DPW Budget Expenditures +20%/0.6% Annual
- ▶ DPW Budget Net Expenditures +33%/1.6% Annual
- ▶ The DPW budget has been subject to inflationary pressures for labor, salt, asphalt and other materials
- ▶ DPW has historically benefited from energy efficiency efforts and proactive energy supply purchasing but markets not working in our favor in FY 24

DPW Highlights for FY 2024

- ▶ The Department has delivered a lean budget which addresses needs of all operations.
- ▶ A theme in FY 24 has been the impact of increased commodity and service contract costs.
- ▶ Electricity rates have increase sharply – but this is a temporary increase as the solar project will stabilize rates for 25 years starting in FY 25.
- ▶ Fuel through the NHDOT contracts have increased for both diesel and unleaded.
- ▶ Road salt costs have increased \$79/ton vs. \$72/ton.
- ▶ No new positions have been requested in FY 24.

DPW Looks to the Future

- ▶ The Exit 4A project will add new infrastructure including pavement, new traffic signals, new drainage. An additional plow route may be added to the existing roster just for this area.
- ▶ The Water division will be proceeding with a \$6.2 million project to connect the Rand Shepard water system adding 2+ miles of water main.
- ▶ The department is struggling to retain contracted plow operators and will need to add Town personnel and trucks in coming years to compensate for these shortages.
- ▶ Capital Improvements at Parks facilities will require additional personnel to maintain at a high standard for the community.

DPW Looks to the Future

- ▶ Employees from skilled trades such as Electrician, HVAC Technician and Mechanic have been very difficult to attract and retain.
- ▶ The Department is on the cusp of several major retirement wave in the next 2-4 years with several key supervisors and experienced personnel leaving employment.
- ▶ DPW needs to look at staffing levels as the Town continues to evolve. There will be recommendations in future years to bolster FT employee counts to meet community demands and increased State and Federal regulatory requirements.

Highway – Page 248

- ▶ 165 road miles, 332 lane miles maintained
- ▶ 20 miles of sidewalk and 3.2 miles of bike path
- ▶ **Revenues - \$ 879,579**
- ▶ **Expenditures - \$4,242,245**
- ▶ \$658,579 from Highway Block Grant
- ▶ Diesel Fuel increased \$41,000
- ▶ Road salt increased to \$79.22 per ton (+\$21,220)
- ▶ Roadway maintenance \$1,500,000

Highway – Page 248

- ▶ Replace #626 (2015) Upgrade to 5500 Truck - \$130k
- ▶ Replace #602 (2012) Upgrade to 5500 Truck - \$130k
- ▶ Sunset Avenue Culvert #1 – \$600k
- ▶ Franklin Street Culvert – \$600k

ROADWAY MANAGEMENT PROGRAM

FY-24 BUDGET ESTIMATE

ROADS:

Applewood Dr

Barkland Dr (portion)

Berry Rd (portion)

Brookview Dr (portion)

Buttonwood Dr

Coburn Rd

Corwin Dr

Crescent St

East Broadway (portion)

Garvin Rd (portion)

Hoodcroft Dr

London Rd

Martha Dr

No. Main St (portion)

No. Shore Rd – Island Pond (portion)

Sabre Cir

True Ave

Twinbrook Dr

Truck 626 (Similar) - 2015



Truck 602 - 2012



Sunset Ave (Culvert #1 - North)



Franklin Street Culvert



Transfer Station- Page 264

- ▶ 15210 tons total in CY 22 – 1700 tons less than CY 21
- ▶ 9340 tons of trash processed – 1800 tons under CY 21
- ▶ **Revenue - \$ 1,189,784**
- ▶ **Expenditures - \$2,807,902**
- ▶ C & D Revenues have been excellent
- ▶ Aluminum recycling is strong, metals good
- ▶ Other markets are inconsistent currently
- ▶ Mattress Recycling is in full effect for FY 24
- ▶ 490 Rubble Recycling \$200k for solar project – Waste Trust
- ▶ Trash disposal costs increased to \$97.34 per ton

614 Bobcat Skidsteer - 2012



Loader 657 - 2017



Vehicle Maintenance – Page 277

- ▶ 100 Units maintained ranging from pickup trucks, loaders, 6 & 10 wheel dump trucks
- ▶ Yearly inspections conducted
- ▶ **Net Expenditures - \$630,932**
- ▶ Continuance of preventative maintenance
- ▶ Age of fleet is improving but older fleet and corrosion have added to costs significantly
- ▶ 660 line – \$214,200 reflecting actual experience over past 4 Fiscal Years
- ▶ Cost of tires, lubricants, and supplies have increased in the past 12-18 months
- ▶ Supply chain has been a major issue since March 2020 for new equipment and repair parts.

Buildings & Grounds – Page 294

- ▶ Custodial Service to 4 buildings – 74,000sf
- ▶ Maintenance Support to 15 additional buildings – 145,000 sf – including four fire stations
- ▶ **Revenue - \$136,057 from rentals and cell tower leases**
- ▶ **Expenditures - \$911,969**
- ▶ 430 lines support routine contracted maintenance including fire alarm testing, elevator testing, window cleaning, etc.
- ▶ Remainder of items in budget are personnel, fuels, supplies or repair parts. Cost of Electricity and Fuels have increased in FY 24 Budget

Cemetery – Page 312

- ▶ 35 acres of grounds maintained – open year round
- ▶ 89 internments in CY – 34 full burials, 55 cremations
- ▶ Cemetery still has over 1000 full burial plots available. No capacity concerns at this point
- ▶ **Revenue - \$113,200**
- ▶ **Expenditures - \$177,434**
- ▶ Revenues include perpetual care, burial service, lot sales and trust income
- ▶ Expenses are personnel for FT and seasonal employees along with tools and supplies

Code Enforcement – Page 321

- ▶ Permit Activity remaining strong in FY 23
- ▶ FY 23 YTD - \$ 216,343 (as of 4/3/23)
- ▶ FY 22 – 1476 permits - \$226k
- ▶ 20 Year Average \$225k - Range \$108k to \$356k
- ▶ **Revenues - \$234,325**
- ▶ **Expenditures - \$379,706**
- ▶ Division budget is primarily personnel costs and less than \$10k of products and services

Building Permit History

Fiscal Year	Permit Revenue	Commercial, Industrial, Multi-Family Revenue	Number of New Single Family Home	Signal Family Revenue	Total All Permits
2022	\$ 226,070.24	\$ 21,136.53	24	\$ 69,795.32	1476
2021	\$ 285,254.87	\$ 73,559.86	51	\$ 107,286.24	1382
2020	\$ 288,271.72	\$ 96,497.08	49	\$ 97,924.22	1242
2019	\$ 184,464.32	\$ 56,698.37	27	\$ 59,940.78	875
2018	\$ 196,438.03	\$ 24,665.20	43	\$ 84,570.21	1207
2017	\$ 282,780.70	\$ 111,901.62	52	\$ 90,513.14	1219
2016	\$ 356,399.74	\$ 153,454.01	53	\$ 95,638.67	1597
2015	\$ 153,770.66	\$ 45,193.69	26	\$ 45,838.06	1017
2014	\$ 212,135.76	\$ 70,894.34	43	\$ 83,983.25	1017
2013	\$ 165,267.53	\$ 32,344.36	37	\$ 75,859.26	949
2012	\$ 134,769.33	\$ 44,578.81	19	\$ 30,154.45	920
2011	\$ 239,827.24	\$ 149,428.41	27	\$ 41,577.10	954
2010	\$ 253,509.94	\$ 174,321.23	26	\$ 36,604.61	964
2009	\$ 108,490.51	\$ 28,805.00	20	\$ 33,577.00	908
2008	\$ 343,735.01	\$ 197,204.00	47	\$ 83,886.00	1176
2007	\$ 193,656.13	\$ 95,304.00	24	\$ 39,302.00	1236
2006	\$ 264,054.75	\$ 127,713.00	43	\$ 67,276.00	1342
2005	\$ 183,804.60	\$ 68,487.00	42	\$ 62,466.00	1381
2004	\$ 241,221.70	\$ 112,111.00	70	\$ 64,115.00	1698
2003	\$ 152,840.50	\$ 55,330.00	38	\$ 35,513.00	1539
2002	\$ 153,143.00	\$ 45,931.00	45	\$ 41,369.00	1735
2001	\$ 283,106.60	\$ 181,799.00	53	\$ 46,159.00	1557
Average	\$ 225,447.11	\$ 90,196.84	39	\$ 63,780.11	1259

Recreation – Page 330

- ▶ Coordination with 10+ sports organizations
- ▶ 100+ events or programs organized annually
- ▶ **Revenues - \$148,056**
- ▶ **Expenditures - \$656,549**
- ▶ All leagues/programs/events were fully operative in FY 23.
- ▶ Revenues are based on service fees and trust income.
- ▶ Summer Concerts and Fireworks are supported in the FY 24 budget.
- ▶ Many expense items have offsetting revenue such as concessions or program fees.

Parks – Page 344

- ▶ 132 acres of parks maintained
- ▶ 9 multi-purpose fields, 8 baseball/softball fields
- ▶ 1 beach, 1 splash pad, 2 basketball courts, 5 tennis courts, 2 pickleball courts, 3 playgrounds, dog park and new skate park.
- ▶ **Revenue - \$77,834**
- ▶ **Expenditures - \$1,075,875**
- ▶ Revenues are primarily from use of AC trust (\$71k).
- ▶ Laborer position started 1/1/23 requested to keep up with maintenance needs funded by TIF – Hood Park
- ▶ Increases in electricity for field lighting and operations
- ▶ Expense categories are personnel, field maintenance and related supplies.

653 Jacobsen Mower - 2016



Health Division – Page 364

- ▶ Food Inspections conducted on 175 facilities
- ▶ This division was brought under DPW in 2016.
- ▶ **Revenues - \$67,895**
- ▶ **Expenditures - \$157,866**
- ▶ Personnel and Mosquito Control (\$43k) are the primary costs for this division.
- ▶ Health Officer position was made FT in FY 22, with support from ARPA revenues (\$35k)

Wastewater – Page 405

- ▶ 66 miles of sewer mains
- ▶ 3,319 service connections
- ▶ 10 lift stations
- ▶ **Expenditures - \$3,786,569**
- ▶ Rate Increases needed to continue to maintain the collection system
- ▶ Revenues primarily from usage and base charges.
- ▶ Based on Sewer Usage Rate increase Request to \$3.89 per 100 cf from \$3.70
- ▶ Base Charges Increase Request to \$44.00 per qtr. from \$41.00

Wastewater – Rate Justification

Sewer Usage						
FY2024 Budget Proposal						
	FY2024	FY23 Rate	FY24 Rate	FY2024 Budget	FY2023 Budget	
Base Charges (No. Billed Units)	26,768	\$ 41.00	\$ 44.00	\$ 1,177,792.00	\$ 1,093,060.00	Projected Annual FY2024 SEWER Revenue Increase
Usage Charges (100's cubic feet)	48,642,527	\$ 3.70	\$ 3.89	\$ 1,369,793.76	\$ 1,307,842.00	
Flat Charges	237	\$ 534.00	\$ 564.50	\$ 133,786.50	\$ 123,888.00	
			TOTALS	\$ 2,681,372.26	\$ 2,524,790.00	\$ 156,582.26

		5.0%	ANNUAL USAGE RATE INCREASE			
		5.0%	ANNUAL BASE CHARGE INCREASE			
		ANNUAL COST				
FY 24 SEWER RATE IMPACTS:		FY23 RATES	FY24 PROPOSED	Quarterly Bill \$ Impact this Increase	Monthly Increase to Average Bills per unit	% Increase per unit
Single Family Residential Customer		\$ 446.09	\$ 472.19	\$ 6.53	\$ 2.18	6%
Duplex (1"meter)		\$ 639.27	\$ 678.84	\$ 9.89	\$ 1.65	6%
6 Unit Condo Building		\$ 1,524.90	\$ 1,623.95	\$ 24.76	\$ 1.38	6%
24 Unit Apartment Building		\$ 5,860.00	\$ 6,244.20	\$ 96.05	\$ 1.33	7%
Industrial Building - Large User (+/-3689 gals per day)		\$ 6,750.00	\$ 7,091.30	\$ 85.33	\$ 28.44	5%
Commercial Unit/Single Occupant Residential-min user		\$ 164.00	\$ 176.00	\$ 3.00	\$ 1.00	7%
Town of Londonderry		\$ 201,577.87	\$ 211,660.56	\$ 2,520.67	\$ 840.22	5%

	FY24 PROPOSED	FY23	FY22	FY21	FY18	FY14
SEWER RATE HISTORY	\$ 3.89	\$ 3.70	\$ 3.57	\$ 3.44	\$ 3.23	\$ 2.98
	\$ 44.00	\$ 41.00	\$ 39.00	\$ 37.00	\$ 35.66	\$ 35.66
AVERAGE BILL	\$ 472.19	\$ 446.09	\$ 428.18	\$ 410.27	\$ 388.90	\$ 369.84
	28% increase over 10 years					
	2.8% increase per year					

Wastewater – Rate Justification

RATE COMPARISONS										3/1/2023
Based on NH DES Average Consumption of 71,996 gallons per year (6,000 gals per month)										
UTILITY	TOWN/SYSTEM	RATE	per 100 cubic feet	plus	BASE	charge per billing period				ANNUAL BILL
SEWER	MERRIMACK	\$ -			\$ 25.33					\$ 303.96
SEWER	LONDONDERRY	\$ -			\$ 96.00					\$ 384.00
SEWER	MANCHESTER	\$ 3.90			\$ 23.82					\$ 470.66
SEWER	DERRY	\$ 3.89			\$ 44.00					\$ 472.62
SEWER	NASHUA	\$ 3.26			\$ 44.08					\$ 490.10
SEWER	SALEM	\$ 5.10			\$ 5.80					\$ 514.08
SEWER	CONCORD	\$ 4.97			\$ 8.65					\$ 582.17
SEWER	DOVER	\$ 9.81			\$ -					\$ 944.23
SEWER	PORTSMOUTH	\$ 15.78			\$ -					\$ 1,518.85
UTILITY	TOWN/SYSTEM	RATE	per 100 cubic feet	plus	BASE	charge per billing period				
WATER	MANCHESTER	\$ 1.81			\$ 30.30					\$ 295.03
WATER	BEDFORD/MWW	\$ 2.07			\$ 34.84					\$ 338.41
WATER	CONCORD	\$ 3.04			\$ 5.57					\$ 359.44
WATER	DERRY	\$ 3.18			\$ 30.00					\$ 362.48
WATER	MERRIMACK	\$ 3.14			\$ 21.65					\$ 388.83
WATER	SALEM	\$ 3.80			\$ 5.80					\$ 388.96
WATER	WINDHAM	\$ 4.37			\$ 6.67					\$ 427.29
WATER	HUDSON	\$ 3.30			\$ 10.69					\$ 445.91
WATER	PORTSMOUTH	\$ 4.54			\$ 4.95					\$ 496.38
WATER	DOVER	\$ 6.41			\$ -					\$ 616.97
WATER	NASHUA/PWW	\$ 3.99			\$ 24.34					\$ 676.12
WATER	LONDONDERRY/PEU	\$ 9.50			\$ 22.56					\$ 1,185.11
	AVERAGE	DERRY								
WATER	\$ 498.41	\$ 362.48	27%	less than the average						
SEWER	\$ 631.18	\$ 472.62	25%	less than the average						

Wastewater – Page 405

- ▶ Short Term increase in electricity costs (\$137k) which should stabilize with solar project completion in FY 25
- ▶ Use of Fund Balance - \$215,378
- ▶ Reduction of debt service by \$281,696 due to final payments on 2003 Force Main and Brady Avenue sewer in FY 23
- ▶ WWTP Generator Replacement - \$230,000
- ▶ Effluent Force Main Force Main - \$450,000
- ▶ Replace 1500 Truck - \$45,000
- ▶ Replace Jet Vactor Truck - \$550,000

Truck 610 - 2013



Truck 599 - 1997



Water – Page 436

- ▶ 4,358 service connections
- ▶ 90 miles of water main (up from 72 in 2017)
- ▶ 3 community water systems, 6 booster pump stations
- ▶ 693 hydrants (up from 614 in 2014)
- ▶ **Expenses - \$4,220,290**
- ▶ Water Usage Rate \$3.18 per 100 cf – seeking increase from \$2.89
- ▶ Base Charge \$30.00 per qtr. for $\frac{3}{4}$ " service – seeking increase from \$27.00 per qtr.
- ▶ \$449,460 in revenue from Fire hydrant rental fees
- ▶ \$243,984 in revenue from SNH Water

Water – Rate Justification

	FY24 PROPOSED	FY23	FY22	FY21	FY18	FY14
WATER RATE HISTORY	\$ 3.18	\$ 2.89	\$ 2.75	\$ 2.69	\$ 2.55	\$ 2.50
	\$ 30.00	\$ 27.00	\$ 26.00	\$ 24.00	\$ 23.28	\$ 23.03
AVERAGE BILL	\$ 362.37	\$ 328.33	\$ 313.66	\$ 301.09	\$ 287.53	\$ 282.72
	28% increase over 10 years					
	2.8% increase per year					

Water Usage							
FY2024 Budget Proposal							
	FY2024	FY23 Rate	FY24 Rate	FY2024 Budget	FY2023 Budget		
Base Charges (No. Billed Units) 3/4" In-Town	33,812	\$ 27.00	\$ 30.00	\$ 1,014,360.00	\$ 987,471.00	Projected Annual FY2024 WATER Revenue Increase	
Base Charges (No. Billed Units) 3/4" Out-of-Town	648	\$ 29.00	\$ 34.00	\$ 22,032.00	\$ 22,552.00		
1" In-Town	268	\$ 40.00	\$ 45.00	\$ 12,060.00			
1" Out-of-Town	20	\$ 44.00	\$ 51.00	\$ 1,020.00			
1 1/2 " In- Town	224	\$ 67.00	\$ 76.00	\$ 17,024.00			
1 1/2 " Out-of-Town	4	\$ 73.00	\$ 87.00	\$ 348.00			
2" In-Town	204	\$ 133.00	\$ 151.00	\$ 30,804.00			
2" Out-of-Town	24	\$ 146.00	\$ 173.00	\$ 4,152.00			
3" In-Town	32	\$ 267.00	\$ 304.00	\$ 9,728.00			
3" Out-of-Town	4	\$ 293.00	\$ 349.00	\$ 1,396.00			
Usage Charges (100's cubic feet) In-Town	66,769,475	\$ 2.89	\$ 3.18	\$ 1,573,588.32	\$ 1,405,777.20		
Usage Charges (100's cubic feet) Out-of-Town	2,317,876	\$ 3.17	\$ 3.66	\$ 71,942.59	\$ 39,559.84		
		TOTALS	TOTALS	\$ 2,758,454.92	\$ 2,455,360.04		\$ 303,094.88
		10.0%	ANNUAL USAGE RATE INCREASE				
		10.0%	ANNUAL BASE CHARGE INCREASE				

Water – Rate Justification

RATE COMPARISONS										3/1/2023
Based on NH DES Average Consumption of 71,996 gallons per year (6,000 gals per month)										
UTILITY	TOWN/SYSTEM	RATE	per 100 cubic feet	plus	BASE	charge per billing period				ANNUAL BILL
SEWER	MERRIMACK	\$ -			\$ 25.33					\$ 303.96
SEWER	LONDONDERRY	\$ -			\$ 96.00					\$ 384.00
SEWER	MANCHESTER	\$ 3.90			\$ 23.82					\$ 470.66
SEWER	DERRY	\$ 3.89			\$ 44.00					\$ 472.62
SEWER	NASHUA	\$ 3.26			\$ 44.08					\$ 490.10
SEWER	SALEM	\$ 5.10			\$ 5.80					\$ 514.08
SEWER	CONCORD	\$ 4.97			\$ 8.65					\$ 582.17
SEWER	DOVER	\$ 9.81			\$ -					\$ 944.23
SEWER	PORTSMOUTH	\$ 15.78			\$ -					\$ 1,518.85
UTILITY	TOWN/SYSTEM	RATE	per 100 cubic feet	plus	BASE	charge per billing period				
WATER	MANCHESTER	\$ 1.81			\$ 30.30					\$ 295.03
WATER	BEDFORD/MWW	\$ 2.07			\$ 34.84					\$ 338.41
WATER	CONCORD	\$ 3.04			\$ 5.57					\$ 359.44
WATER	DERRY	\$ 3.18			\$ 30.00					\$ 362.48
WATER	MERRIMACK	\$ 3.14			\$ 21.65					\$ 388.83
WATER	SALEM	\$ 3.80			\$ 5.80					\$ 388.96
WATER	WINDHAM	\$ 4.37			\$ 6.67					\$ 427.29
WATER	HUDSON	\$ 3.30			\$ 10.69					\$ 445.91
WATER	PORTSMOUTH	\$ 4.54			\$ 4.95					\$ 496.38
WATER	DOVER	\$ 6.41			\$ -					\$ 616.97
WATER	NASHUA/PWW	\$ 3.99			\$ 24.34					\$ 676.12
WATER	LONDONDERRY/PEU	\$ 9.50			\$ 22.56					\$ 1,185.11
	AVERAGE									
	DERRY									
WATER	\$	498.41	\$ 362.48	27%	less than the average					
SEWER	\$	631.18	\$ 472.62	25%	less than the average					

Water – Page 436

- ▶ \$118,304 increase for purchased water from MWW
- ▶ \$222,588 for debt service, P & I - \$62,653 increase
- ▶ \$600,000 capital improvement for water main replacement - \$350,000 increase
- ▶ \$348,952 Use of Fund Balance
- ▶ \$45,000 to replace 1500 Truck
- ▶ \$50,000 to replace 2500 Truck w/Plow

Truck 615 – 2013



Truck 624 – 2013

