

## Enterprise Funds

---

	2022 Actual	2023 Adopted	2023 Revised	2023 Projected	2024 Budget
<b>Revenue</b>					
Water	\$6,504,650	\$6,651,768	\$6,651,768	\$6,822,593	\$7,078,630
Wastewater	\$9,440,091	\$9,770,880	\$9,770,880	\$10,019,072	\$10,490,933
<b>Sub Total</b>	<b>\$15,944,741</b>	<b>\$16,422,648</b>	<b>\$16,422,648</b>	<b>\$16,841,665</b>	<b>\$17,569,563</b>
<b>Expense</b>					
Water	\$6,675,169	\$7,131,295	\$7,131,295	\$7,246,169	\$7,600,712
Wastewater	\$8,501,619	\$9,280,377	\$9,280,377	\$9,213,938	\$10,555,787
<b>Sub Total</b>	<b>\$15,176,788</b>	<b>\$16,411,672</b>	<b>\$16,411,672</b>	<b>\$16,460,106</b>	<b>\$18,156,500</b>

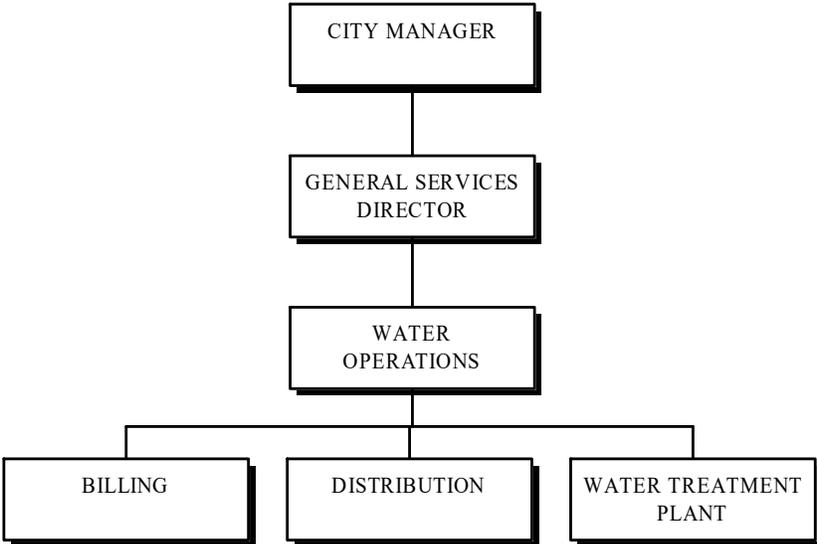
# Water Fund

---

Mission

To provide an adequate supply of safe, high-quality water and protect the health and well-being of customers.

WATER FUND  
ORGANIZATIONAL CHART



Core Responsibilities

1. The Water Treatment Division is responsible for treating water from Penacook Lake and removing any contaminants to meet all federal and state standards for water quality and treatment before distributing to customers.

## Water Fund

<u>Fund Summary</u>	<b>2023 Revised</b>	<b>2023 Projected</b>	<b>2024 Budget</b>
<b>Revenue</b>	<b>\$6,651,768</b>	<b>\$6,822,593</b>	<b>\$7,078,630</b>
<b>Expense</b>	<b>\$7,131,295</b>	<b>\$7,246,169</b>	<b>\$7,600,712</b>
<b>Net Income (Loss)</b>		<b>(\$423,576)</b>	<b>(\$522,082)</b>
<b>Beginning Working Capital</b>		<b>\$3,717,310</b>	<b>\$3,293,734</b>
<b>Ending Working Capital</b>		<b>\$3,293,734</b>	<b>\$2,771,652</b>

Reserve

This Fund has goals of attaining and maintaining the following reserves for operations, capital, and rate stabilization:

- Operations: 25% operating expense less debt service and pay-as-you-go capital.
- Capital: 25% of debt service but not less than \$500,000.
- Rate Stabilization: 10% of operating revenue or no less than \$500,000.

A 4.5% rate increase is recommended for FY 2024.

Water Fund

<u>Budget Detail</u>	<b>2022 Actual</b>	<b>2023 Adopted</b>	<b>2023 Revised</b>	<b>2023 Projected</b>	<b>2024 Budget</b>
<b>Revenue</b>					
Fines and Penalties	\$17,964	\$27,500	\$27,500	\$27,500	\$27,500
Sundry Services	\$9,424	\$15,000	\$15,000	\$15,000	\$15,000
Water Usage	\$4,789,213	\$5,086,718	\$5,086,718	\$5,138,922	\$5,415,730
Water Availability	\$1,192,101	\$1,192,210	\$1,192,210	\$1,192,210	\$1,246,010
Private Fire Service	\$121,413	\$110,000	\$110,000	\$110,000	\$110,000
Other Service Charges	\$164,808	\$152,500	\$152,500	\$152,500	\$152,500
Testing Services	\$2,815	\$2,500	\$2,500	\$2,500	\$2,500
Utility Investment Fee	\$73,412	\$20,000	\$20,000	\$82,710	\$20,000
Investment Income	\$7,083	\$3,500	\$3,500	\$55,000	\$50,000
Finance Charges	\$20	\$300	\$300	\$300	\$300
Retiree Health Insurance	\$41,704	\$39,040	\$39,040	\$36,330	\$36,590
Insurance Dist and Credits	\$17,638	\$0	\$0	\$0	\$0
Other Revenue	\$4,093	\$2,500	\$2,500	\$9,621	\$2,500
Transfer In - Grts & Donations	\$62,963	\$0	\$0	\$0	\$0
<b>Total Revenue</b>	<b>\$6,504,650</b>	<b>\$6,651,768</b>	<b>\$6,651,768</b>	<b>\$6,822,593</b>	<b>\$7,078,630</b>

The Water Fund Commercial Sales revenue projection is based on a combination of historical data and knowledge-based forecasting. The critical factor in determining water revenue is to predict water consumption for the next fiscal year; and the Department has more than 20 years of historical data to use. This data, coupled with economic trends over the last three to five years, provides the basis for a conservative prediction for water consumption. This year it was determined that the best model to follow would be to take 97% of average water consumption over the last three years. Water Availability revenue is based on water meter size and is based on historical data. This revenue in conjunction with Water Usage revenue make up 93% of total revenue.

Water Fund

Expense	2022 Actual	2023 Adopted	2023 Revised	2023 Projected	2024 Budget
Full Time	\$1,330,858	\$1,393,378	\$1,393,378	\$1,391,933	\$1,494,021
Part Time	\$12,732	\$13,463	\$13,463	\$13,463	\$14,226
Temporary	\$6,453	\$14,870	\$14,870	\$14,942	\$14,980
Overtime	\$60,898	\$63,040	\$63,040	\$64,038	\$65,400
Allowance	\$1,232	\$1,200	\$1,200	\$1,200	\$1,212
Retirement	\$195,887	\$204,870	\$204,870	\$204,659	\$210,989
FICA	\$103,763	\$110,147	\$110,147	\$113,527	\$117,985
Beneflex	\$461,623	\$506,130	\$506,130	\$531,037	\$555,577
Retiree Health	\$112,434	\$121,560	\$121,560	\$103,340	\$109,770
Worker's Compensation	\$22,893	\$20,870	\$20,870	\$20,854	\$18,700
Unemployment Insurance	\$806	\$856	\$856	\$856	\$784
Professional Development	\$22,523	\$21,345	\$21,345	\$21,345	\$24,935
Business Expense	\$2,869	\$2,210	\$2,210	\$2,210	\$2,320
Repairs and Maintenance	\$200	\$4,270	\$4,270	\$4,270	\$4,270
Professional Services	\$76,414	\$182,820	\$182,820	\$182,820	\$224,143
Communications	\$8,368	\$14,782	\$14,782	\$14,780	\$8,170
Bond Costs	\$2,856	\$8,120	\$8,120	\$3,100	\$25,000
Office Supplies	\$34,384	\$42,046	\$42,046	\$42,046	\$3,986
Departmental Supplies	\$152,533	\$120,609	\$120,609	\$120,609	\$125,399
Auto Parts	\$10,436	\$17,200	\$17,200	\$17,200	\$17,200
Building Supplies	\$2,618	\$11,820	\$11,820	\$11,820	\$12,650
Chemicals	\$244,813	\$302,880	\$302,880	\$422,200	\$527,520
Vehicle Fuel	\$22,850	\$31,665	\$31,665	\$31,665	\$28,793
Electricity	\$164,696	\$171,480	\$171,480	\$162,390	\$227,380
Natural Gas and Propane	\$16,408	\$14,800	\$14,800	\$15,000	\$15,880
Heating Oil and Kerosene	\$5,077	\$70,000	\$70,000	\$70,000	\$70,000
Property and Auto Insurance	\$30,330	\$32,631	\$32,631	\$32,630	\$33,750
Liability Insurance	\$9,680	\$11,329	\$11,329	\$11,330	\$12,230
Taxes - Real Estate	\$4,229	\$6,000	\$6,000	\$6,000	\$6,000
Capital Outlay - GL	\$40,209	\$124,000	\$124,000	\$124,000	\$124,000
Principal	\$1,608,502	\$1,638,860	\$1,638,860	\$1,638,860	\$1,640,030
Interest	\$655,292	\$573,437	\$573,437	\$573,437	\$533,470
Transfer Out - Trust	\$288,412	\$260,000	\$260,000	\$260,000	\$260,000
Transfer Out - General	\$786,668	\$811,382	\$811,382	\$811,382	\$847,092
Transfer Out - Solid Waste	\$4,350	\$4,350	\$4,350	\$4,350	\$4,350
Transfer Out - Gen Cap Proj	\$22,375	\$37,875	\$37,875	\$37,875	\$63,500
Transfer Out - Water Capital	\$148,500	\$165,000	\$165,000	\$165,000	\$155,000
<b>Total Expense</b>	<b>\$6,675,169</b>	<b>\$7,131,295</b>	<b>\$7,131,295</b>	<b>\$7,246,169</b>	<b>\$7,600,712</b>

## Water Fund

---

<u>Service Indicators</u>	<u>2021</u> <u>Actual</u>	<u>2022</u> <u>Actual</u>	<u>2023</u> <u>Estimated</u>	<u>2024</u> <u>Projected</u>
1. Residential Per Capita Gallons Used per Day	89	79	78	75
2. Percentage of Turbidity Readings Below 0.1 NTUs	99%	99%	99%	99%

### 2024 Goals

1. Maintain fluoride optimization to 99%, receive optimization award from NHHHS.
2. Apply for and receive Penacook Lake Spillway rehabilitation grant.
3. Complete construction of Primrose Tank control building.

### 2023 Goals Status

1. Maintain fluoride optimization to 99%, receive optimization award from NHHHS.  
9-Month Status: Optimization achieved. Award for 2021 awarded to Concord (awards lag by two years).
2. Complete Penacook Lake spillway re-design.  
9-Month Status: On track for proposed design in fourth quarter of 2023.
3. Complete cyber security study and apply for Federal grant.  
9-Month Status: Study completed. Grant applied for and award received 2/23.
4. Complete solar project on two remote tank locations.  
9-Month Status: Ongoing. On track for completion in fourth quarter of 2023.

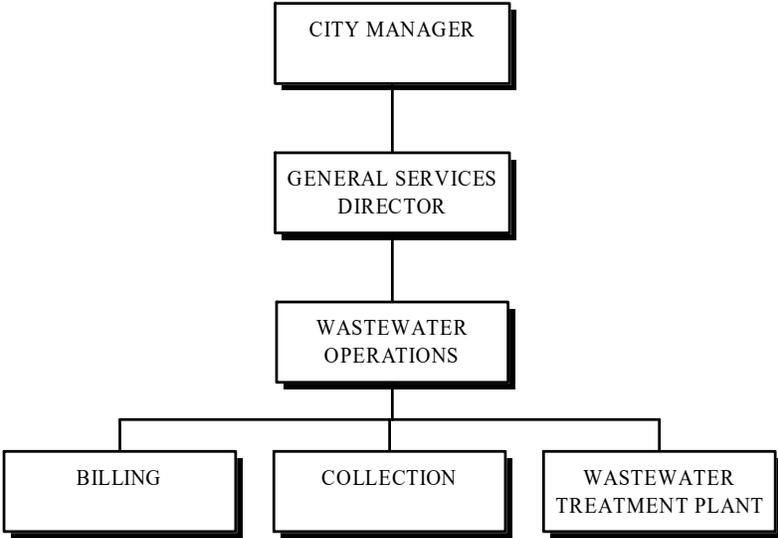
# Wastewater Fund

---

Mission

To provide customers with quality and cost effective wastewater services, while being strong stewards of the environment, by promoting and implementing sustainable practices and infrastructure improvements.

WASTEWATER FUND  
ORGANIZATIONAL CHART



Core Responsibilities

1. The Wastewater Treatment Division is responsible for reclaiming and purifying the community’s wastewater before it is discharged to local water resources.

## Wastewater Fund

---

<u>Fund Summary</u>	<b>2023 Revised</b>	<b>2023 Projected</b>	<b>2024 Budget</b>
<b>Revenue</b>	<b>\$9,770,880</b>	<b>\$10,019,072</b>	<b>\$10,490,933</b>
<b>Expense</b>	<b>\$9,280,377</b>	<b>\$9,213,938</b>	<b>\$10,555,787</b>
<b>Net Income (Loss)</b>		<b>\$805,135</b>	<b>(\$64,854)</b>
<b>Beginning Working Capital</b>		<b>\$5,835,444</b>	<b>\$6,640,579</b>
<b>Ending Working Capital</b>		<b>\$6,640,579</b>	<b>\$6,575,724</b>

Reserve

This Fund has goals of attaining and maintaining reserves for operations, capital, and rate stabilization:

- Operations: 25% of operating expense less debt service and pay-as-you-go capital.
- Capital: 25% of debt service but not less than \$500,000.
- Rate Stabilization: 10% of operating revenue or no less than \$500,000.

A 5% rate increase is recommended for FY 2024.

## Wastewater Fund

<u>Budget Detail</u>	<b>2022 Actual</b>	<b>2023 Adopted</b>	<b>2023 Revised</b>	<b>2023 Projected</b>	<b>2024 Budget</b>
<b>Revenue</b>					
Fines and Penalties	\$24,378	\$30,500	\$30,500	\$30,500	\$30,500
Other Permits	\$1,300	\$1,500	\$1,500	\$1,500	\$1,500
Other Service Charges	\$0	\$1,500	\$1,500	\$1,500	\$1,500
Sewer Usage	\$6,467,059	\$7,020,495	\$7,020,495	\$6,608,715	\$7,254,993
Sewer Fixed Charges	\$1,565,106	\$1,553,598	\$1,553,598	\$1,553,598	\$1,646,030
Sewer Usage-Towns	\$352,919	\$340,000	\$340,000	\$366,348	\$346,000
Leachate Processing	\$433,524	\$275,000	\$275,000	\$550,000	\$400,000
Septage Processing	\$287,358	\$175,000	\$175,000	\$350,000	\$275,000
Sludge Disposal	\$90,100	\$45,000	\$45,000	\$45,000	\$45,000
Testing Services	\$1,755	\$1,600	\$1,600	\$1,600	\$1,600
Utility Investment Fee	\$64,531	\$20,000	\$20,000	\$50,753	\$20,000
Rental Income	\$4,259	\$4,190	\$4,190	\$2,625	\$1,625
Investment Income	\$7,351	\$2,500	\$2,500	\$90,000	\$90,000
Sale of Assets	\$3,143	\$0	\$0	\$630	\$0
Finance Charges	\$1,059	\$500	\$500	\$500	\$500
Retiree Health Insurance	\$41,701	\$39,040	\$39,040	\$36,330	\$36,590
Insurance Dist and Credits	\$24,488	\$0	\$0	\$0	\$0
Other Revenue	\$82	\$1,000	\$1,000	\$36,960	\$1,000
Share of Debt Service	\$69,979	\$259,457	\$259,457	\$292,513	\$339,095
<b>Total Revenue</b>	<b>\$9,440,091</b>	<b>\$9,770,880</b>	<b>\$9,770,880</b>	<b>\$10,019,072</b>	<b>\$10,490,933</b>

The Wastewater Fund Sewer Service revenue projection is based on a combination of historical data and knowledge-based forecasting. The critical factor in determining wastewater revenue is to predict wastewater processing for the next fiscal year, and the Department has more than 20 years of historical data to use. This data, coupled with economic trends over the last three to five years, provides the basis for a conservative prediction for wastewater processing. Sewer Fixed Charges revenue is based on water meter size and is based on historical data. Sewer Fixed Charges in conjunction with Sewer Usage revenue make up 85% of total revenue.

## Wastewater Fund

Expense	2022 Actual	2023 Adopted	2023 Revised	2023 Projected	2024 Budget
Full Time	\$1,555,101	\$1,640,584	\$1,640,584	\$1,661,227	\$1,742,990
Part Time	\$23,086	\$23,482	\$23,482	\$25,011	\$25,063
Temporary	\$6,795	\$7,220	\$7,220	\$1,998	\$7,270
Overtime	\$80,192	\$81,290	\$81,290	\$81,925	\$84,340
Allowance	\$1,982	\$1,800	\$1,800	\$1,818	\$1,812
Retirement	\$229,091	\$242,108	\$242,108	\$245,046	\$247,235
FICA	\$123,114	\$130,258	\$130,258	\$135,395	\$137,815
Beneflex	\$504,695	\$556,978	\$556,978	\$586,020	\$607,786
Retiree Health	\$112,433	\$121,560	\$121,560	\$103,340	\$109,770
Worker's Compensation	\$29,390	\$26,618	\$26,618	\$26,605	\$27,470
Unemployment Insurance	\$954	\$1,016	\$1,016	\$1,017	\$928
Professional Development	\$10,421	\$10,155	\$10,155	\$10,155	\$10,155
Business Expense	\$2,670	\$2,436	\$2,436	\$2,436	\$2,558
Repairs and Maintenance	\$139,792	\$193,950	\$193,950	\$195,212	\$204,390
Professional Services	\$961,991	\$1,118,371	\$1,118,371	\$1,112,111	\$1,149,561
Communications	\$5,254	\$11,990	\$11,990	\$11,990	\$7,500
Postage	\$10	\$104	\$104	\$104	\$110
Bond Costs	\$12,062	\$81,800	\$81,800	\$12,100	\$52,000
Office Supplies	\$36,070	\$42,258	\$42,258	\$42,258	\$3,986
Departmental Supplies	\$85,089	\$115,967	\$115,967	\$115,967	\$121,827
Auto Parts	\$25,690	\$15,000	\$15,000	\$15,000	\$15,000
Building Supplies	\$11,295	\$16,070	\$16,070	\$16,070	\$16,070
Uniforms	\$9,629	\$11,674	\$11,674	\$11,674	\$12,454
Chemicals	\$110,344	\$154,920	\$154,920	\$154,920	\$415,920
Vehicle Fuel	\$24,172	\$49,487	\$49,487	\$49,487	\$40,130
Electricity	\$476,299	\$484,510	\$484,510	\$459,270	\$682,610
Natural Gas and Propane	\$109,787	\$112,490	\$112,490	\$109,500	\$108,900
Solid Waste Disposal	\$10,140	\$10,400	\$10,400	\$10,400	\$10,660
Property and Auto Insurance	\$50,050	\$54,098	\$54,098	\$54,098	\$55,990
Liability Insurance	\$10,140	\$12,064	\$12,064	\$12,064	\$14,430
Capital Outlay - GL	\$42,118	\$63,800	\$63,800	\$63,800	\$63,800
Principal	\$1,802,849	\$1,949,328	\$1,949,328	\$1,949,328	\$2,286,420
Interest	\$657,866	\$639,526	\$639,526	\$639,526	\$868,590
Transfer Out - Trust	\$199,531	\$155,000	\$155,000	\$155,000	\$155,000
Transfer Out - General	\$975,392	\$1,045,440	\$1,045,440	\$1,045,440	\$1,147,998
Transfer Out - Solid Waste	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750
Transfer Out - Gen Cap Proj	\$22,375	\$37,875	\$37,875	\$37,875	\$63,500
Transfer Out - Wastewater Cap	\$40,000	\$55,000	\$55,000	\$55,000	\$50,000
<b>Total Expense</b>	<b>\$8,501,619</b>	<b>\$9,280,377</b>	<b>\$9,280,377</b>	<b>\$9,213,938</b>	<b>\$10,555,787</b>

## Wastewater Fund

---

<u>Service Indicators</u>	<u>2021 Actual</u>	<u>2022 Actual</u>	<u>2023 Estimated</u>	<u>2024 Projected</u>
1. Number of Wastewater Odor Complaints Addressed	1	0	0	2

### 2024 Goals

1. Meet the community’s expectation for odor control.
2. Maintain competitive rates with comparable communities in New Hampshire.
3. Complete the installation of the division’s first renewal energy project.
4. Institute cyber security upgrades for the division’s SCADA systems.

### 2023 Goals Status

1. Meet the community’s expectation for odor control.  
9-Month Status: The wastewater division continues to perform well with no odor complaints during FY 2023.
2. Maintain competitive rates with comparable communities in New Hampshire.  
9-Month Status: The wastewater division has experienced anticipated cost overruns in its chemical budget line. Through conservative spending and increased revenue projections, it is anticipated the fund will come in under budget for FY 2023.
3. Complete energy efficiency initiatives with a goal of 10% energy reduction within the division.  
9-Month Status: The division has experienced a 13% reduction in electrical usage since 2018, when the division began implementation of various energy efficiency measures.
4. Complete cyber security evaluation and necessary system upgrades.  
9-Month Status: The division has secured a \$50,000 grant for the implementation of cyber security measures.