



ENGINEERING & PUBLIC SERVICES



Eric Dudley, PE

Director, Engineering & Public Services

371 Saco Street

Westbrook, Maine 04092

Phone: 207-854-0660

Fax: 207-854-0672

TO: **Sewer Commission**
Ed Reidman
Joe Marden

FROM: Katherine Kelley, Wastewater Division Manager

DATE: October 28, 2020

SUBJECT: FY2021 Wastewater Division Proposed Budget

The Portland Water District will present their financial summary for the City of Westbrook for approval. This can be found in the attachments.

The 2021 Fiscal Year Municipal Sewer Budget has been prepared and is ready for review and approval by the Westbrook Sewer Commission. One major shift that is occurring this budget cycle is that Wastewater will move to a fiscal year budget, as recommended by the Financial Auditors. In addition, approval will be sought for an increase of the sewer rate, as discussed in previous years, by \$0.40 bringing the rate to \$5.00 monthly with \$7.33 per HCF. This increase is proposed to continue yearly until 2022 to offset the increased debt services projected by the Portland Water District due to capital improvement projects such as a new aeration system for the Wastewater Treatment Plant. Supporting documentation can be found attached to this cover letter. In addition to the sewer budget, the 2021 vendor list is included.

If you have any questions or would like additional information, please feel free to call or email.

Thank you for your consideration.

Katherine S. Kelley
Wastewater Division Manager

SEWER COMMISSION MEETING
THURSDAY, NOVEMBER 5, 2020 AT 3 PM
PUBLIC SERVICES, 371 SACO STREET, ROOM 122

3:00 PM Portland Water District Presentation

4:00 PM 2021 (6 Month) Sewer Budget & Vendor List Presentation
Proposed Action: Vote on 2021 Sewer Budget & Vendor list and increase of Sewer User Rate

Attachments:

1. Portland Water District Annual Wastewater Assessment Meeting (22 Pages)
2. 2021 Sewer Budget (1 Page)
3. 2021 Sewer Vendor List (3 Pages)

**Portland Water District
Annual Wastewater Assessment Meeting - Westbrook
Meeting Date: November 5, 2020 at 3:00**

Attendees: Westbrook Sewer Commission, Jerre Bryant and staff; PWD Trustee Guy Cote, Carrie Lewis, Chris Crovo, Scott Firmin and David Kane

Agenda

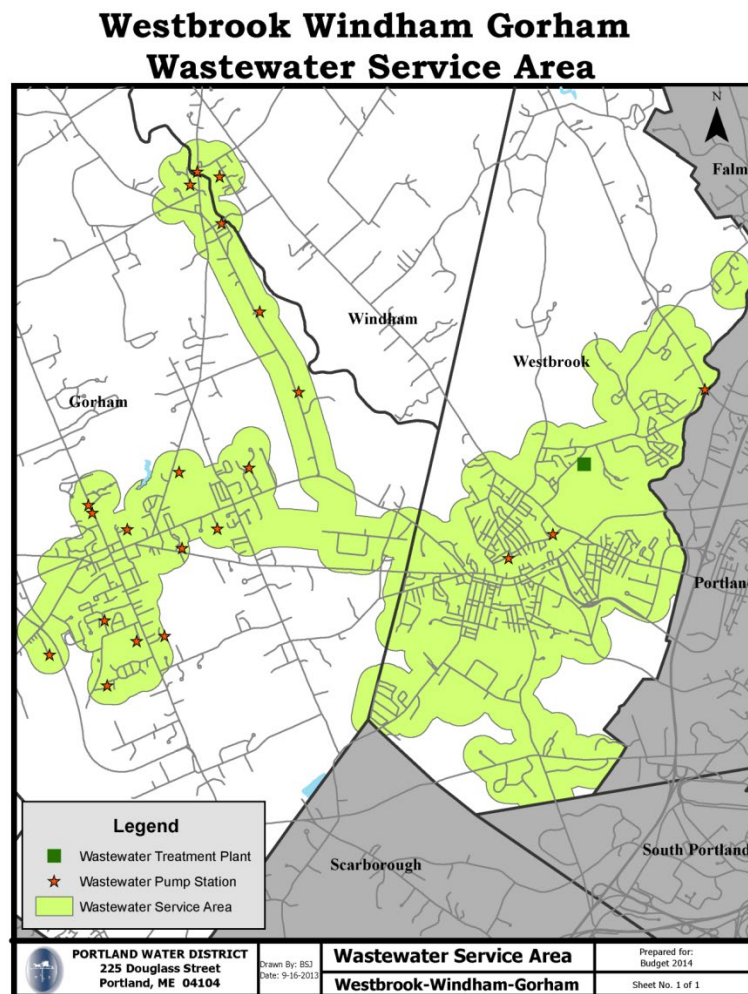
1. 2021 Wastewater Assessment - \$2,903,244 – \$82,476 or 2.9% higher
2. Wastewater Operational and Capital Plans
 - CSO Projects Update
 - Treatment Plant Aeration project
 - Presumpscot River Mud Slide
3. Water System
 - Water rate increase scheduled for December 1, 2020, including 3.4% Public Fire Protection. No increase planned for 2021.
 - Billing System Implementation Target Date: October 2021

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Fund: Wastewater - Westbrook

Background

The Portland Water District's charter authorizes the District to provide wastewater treatment, collection system, and interceptor service to the city. Westbrook's wastewater is treated at the treatment facility located in Westbrook and jointly used by the towns of Windham and Gorham. The city maintains the collection system-collectors that transport wastewater from user's property to the District's interceptor system. Additionally, by contract, the District provides utility billing services.



Summary of Services Provided:

Treatment

2.397 million gallons/day

Collection System

*2 Westbrook only & 1 Joint
use Pump Stations with 9.2
miles of pipe*

Utility Billing

*Annual Billings of
\$4,478,314 on 4,697
Customers (avg.
\$79.45/month)*

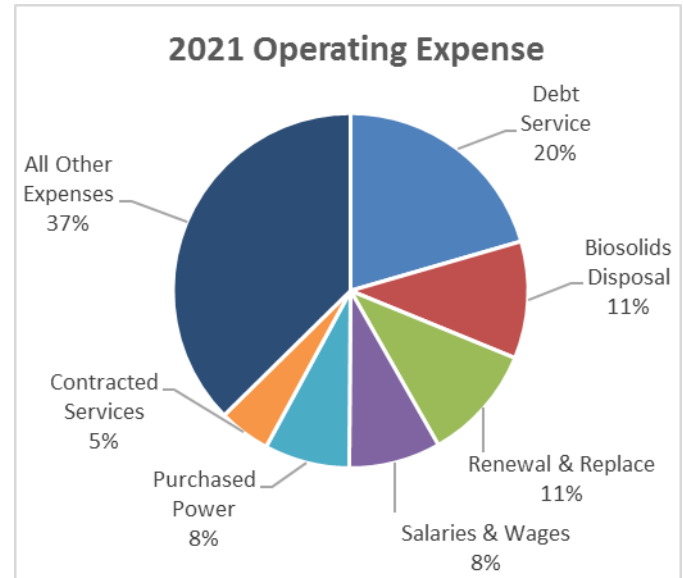
Fund: Wastewater - Westbrook

2021 Financial Summary

The proposed assessment of \$2,903,244 is 2.9% increase over the previous year. This assessment is less than the amount in the forecast provided to the City last year.

The proposed 2021 Operating Expense and Capital budgets are \$2,992,460 and \$461,350, respectively.

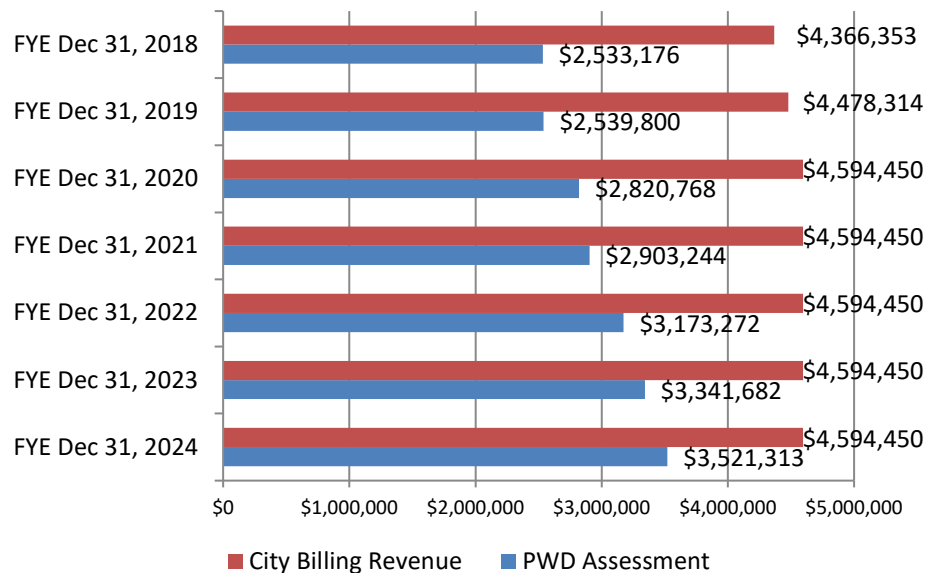
The Operating Expense budget is \$60,497 higher (2.1%) than the previous year. Departmental Expense increased by \$104,145 or 5.3%, Debt Service decreased 1.5% to \$613,592 and Renewal & Replacement (direct and indirect) funding decreased \$34,287 to \$316,780.



One focus of the 2021 Capital plan is to upgrade influent screening at the Cottage Place and East Bridge St. wastewater pump stations. Westbrook's portion of these is \$133,200 and \$125,000, respectively.

Assessment Compared to Ratepayers' Billing

The municipality's and District's fiscal year end is Dec 31. The chart below compares the cash as collected by the District for sewer billings on their behalf and the District's assessment for services rendered. The municipality may incur additional sewer-related costs. The municipality determines whether to increase the sewer billing rates.



Revenue Assumptions:

- Consumption assumed is based on consumption through December 31, 2019

- Rates Assumed:

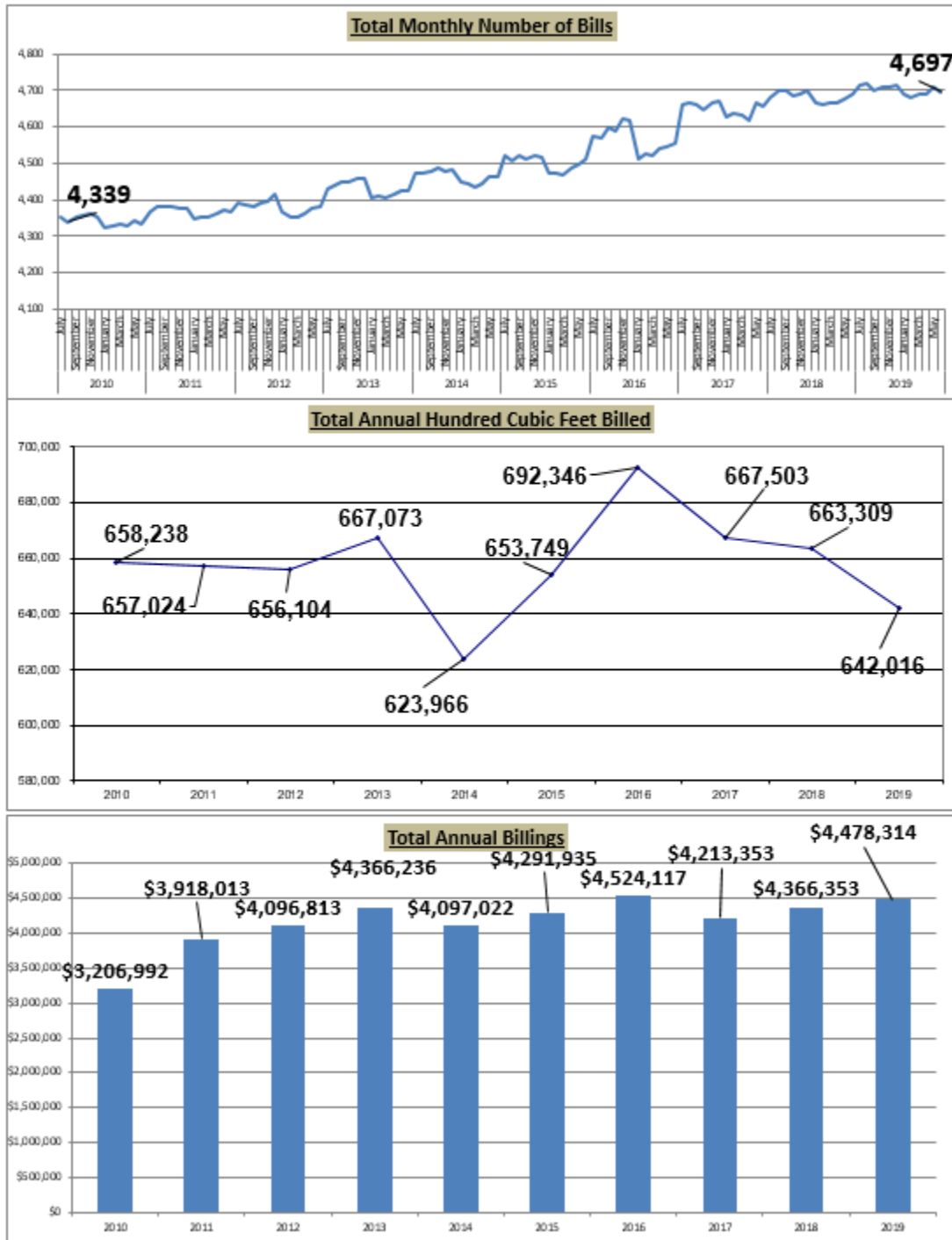
Effective Base/Per HCF
Date:

Jan 2013	\$11.13/\$6.13
Jan 2019	\$11.53/\$6.53
Jan 2020	\$11.93/\$6.93

Sewer Billing Statistics

The District provides sewer billing services for the municipality by contract. Sewer is billed based on water consumption and is included on Portland Water District's water bill. The municipality determines the sewer rate. Dollars collected are forwarded to the municipality weekly.

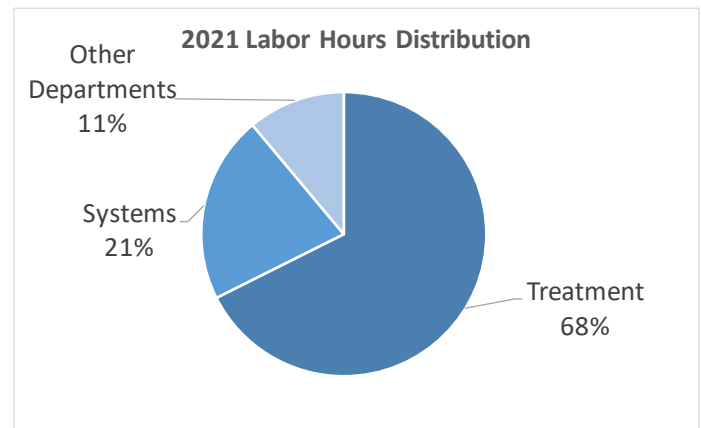
By Municipal Fiscal Year: Jul 1 to Jun 30



2021 Operating Expense Highlights

Salaries/Wages – The expense decrease of 0.3% (\$803) has resulted in a budget amount of \$249,744. District labor rates increased an average of 2.8% while hours for this fund decreased 2.5% or 226 hours.

Employee Benefits – The benefit rate (including FICA) increased from 48.39% in 2020 to 50.59% in 2021 due to higher pension expenses. Because of the decreased labor hours, employee benefits expense increased only \$3,964 (3.5%).



Biosolids Disposal – Biosolids expense at the Westbrook/Gorham/Windham Regional WWTF is projected to increase 26.7% due to an estimated increase in the disposal cost from \$71.05 to \$90.00/wet ton. The higher unit costs relates to increased regulator and public concern with per- and poly-fluoroalkyl substances (PFAS) with the impact of limiting the available outlets to dispose of biosolids. The volume disposed is expected to remain unchanged. Biosolids expense for Westbrook is projected to increase \$67,309. Westbrook's share of allocated treatment costs remained at 84%.

Chemicals – The 2021 budget for Chemicals has increased by \$10,521 or 12.4%. This is mainly due to the 25% projected increase in the per unit cost of sodium hypochlorite (usage is projected to be unchanged) at the Westbrook WWTF.

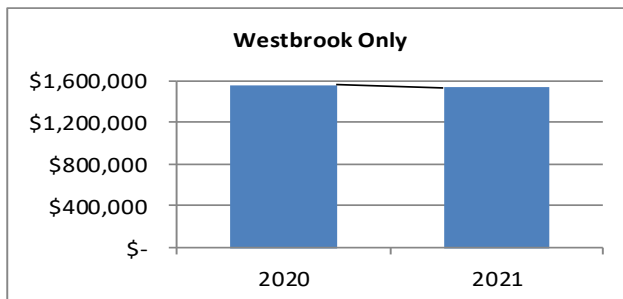
Support Services – These costs are related to general work done that cannot be directly charged to a fund as noted above (such as customer service or information technology) or work done on behalf of several municipalities at the same time (engineering or laboratory services) that is allocated based on the value to each fund. Overall, Support Services increased \$28,901 or 3.9%.

The allocation from Administration increased \$13,764 (4.1%) because of the annual average wage increase (2.8%), higher employee benefit expenses (pension) and the first year of computer support costs related to the new billing system. The costs associated with Wastewater increased \$12,861 (6.9%) due to the annual labor rate increase and higher employee benefit costs.

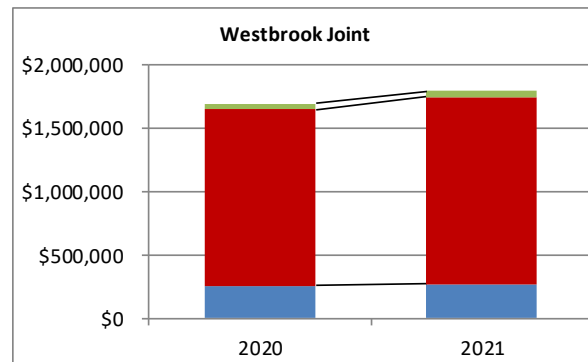
Debt Service – The annual principal and interest payments on bonds issued to finance capital projects. decreased 1.5% (\$9,361) due to the decline in outstanding bond balance.

Renewal & Replacement – Dollars put aside to fund capital projects; the 2021 contribution is \$316,780.

	2019 Actual	2020 Jan-Jun	2020 Budget	2021 Budget	Budget Diff \$	Budget Diff %
Assessment Income	\$2,539,800	\$1,410,384	\$2,820,768	\$2,903,244	\$82,476	2.9%
Interest Income	138,235	72,742	72,695	41,216	-31,479	-43.3%
Other Income	<u>50,292</u>	<u>2,056</u>	<u>38,500</u>	<u>48,000</u>	<u>9,500</u>	<u>24.7%</u>
Total Revenue	2,728,327	1,485,182	2,931,963	2,992,460	60,497	2.1%
Salaries & Wages	227,492	99,317	250,547	249,744	-803	-0.3%
Employee Benefits	105,094	45,476	113,409	117,373	3,964	3.5%
Biosolids Disposal	276,539	154,399	252,403	319,712	67,309	26.7%
Chemicals	116,676	71,376	84,800	95,321	10,521	12.4%
Contracted Services	79,986	38,372	157,121	141,281	-15,840	-10.1%
Deferred Cost W/O	10,098	0	0	0	0	n/a
Heat/Fuel Oil	33,282	18,638	21,730	22,469	739	3.4%
Insurance	5,121	2,595	5,455	5,709	254	4.7%
Materials & Supplies	45,587	14,972	51,667	51,581	-86	-0.2%
Other Expense	2,740	3,669	1,422	5,622	4,200	295.4%
Purchased Power	229,537	124,907	232,496	232,623	127	0.1%
Regulatory/Taxes	3,650	3,523	3,780	3,780	0	0.0%
Tele/Other Utilities	28,094	14,230	24,819	25,713	894	3.6%
Transportation	9,314	2,797	9,331	13,296	3,965	42.5%
SS - Administration	305,061	150,816	337,849	351,613	13,764	4.1%
SS - Engineering Services	64,117	31,949	98,347	103,417	5,070	5.2%
SS - Environmental Services	120,345	61,198	119,933	116,805		
SS - Wastewater Services	172,084	103,577	185,992	198,853	12,861	6.9%
SS - Water Services	<u>4,820</u>	<u>1,742</u>	<u>6,842</u>	<u>7,176</u>	<u>334</u>	<u>4.9%</u>
Operating Expense	1,839,637	943,553	1,957,943	2,062,088	104,145	5.3%
Debt Service & Lease Expense	507,793	308,526	622,953	613,592	-9,361	-1.5%
Renewal & Replacement - Direct	300,000	150,000	300,000	270,000	-30,000	-10.0%
Renewal & Replace - Indirect	<u>40,863</u>	<u>25,535</u>	<u>51,067</u>	<u>46,780</u>	<u>-4,287</u>	<u>-8.4%</u>
Total Expense	2,688,293	1,427,614	2,931,963	2,992,460	60,497	2.1%
Current Year Surplus (Deficit)	40,034	57,568	0	0		
Transfer to R&R	0	0	0	0		
Return of Accumulated Surplus	0	-118,265	0	0		
Prior Year Surplus	<u>811,222</u>	<u>851,256</u>	<u>786,814</u>	<u>771,710</u>		
Accumulated Surplus	851,256	790,559	786,814	771,710		



Westbrook Only – Westbrook Only expenses were down \$20.9k (1.3%) due to Renewal & Replacement costs.



Westbrook JT – Expense up 5.8%; Westbrook's share of expense unchanged (84%), expense up \$81.3k to \$1.47 million.

Projections for Rate-Making Purposes

Multi-year projections are made for each of the wastewater funds' assessment. The projections provide guidance to the wastewater municipalities to assist them in determining their wastewater sewer rates. A summary of the projection is provided on next page.

Major Assumptions:

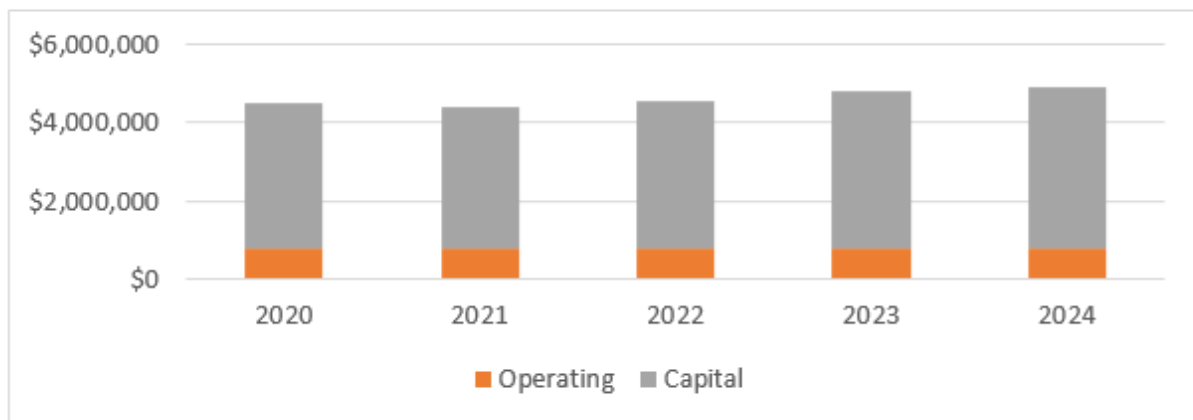
The assumptions incorporated in the projections are as follows:

- Salary increases of 3.0% in 2020 and 2% in other years. No change in number of employees.
- Benefit increases of 5% each year.
- Biosolids contract expires in 2021; assumed a \$90/wet ton price in 2021 with 1.2% increase in future years. Actual contract renewal price may result in a significant increase.
- Other expenses increase by 1.5% each year.
- New debt service and renewal/replacement fund expenditures consistent with the 2021 5-year capital plan. New debt assumed a 20-year life between 1% and 2.5% interest.

Summary of Projection Impact:

Assessment is projected to increase to \$3,521,313 in 2024, a 21% increase over 2021 Budget, with the most significant cost change related to debt service issued to finance capital projects. Operating Ratios are better than target and Operating Reserve balance and Capital R&R balance are close or above the target balances.

Reserve Fund Balances



Percent of Budget Dedicated to Debt Service – Target: Not to Exceed 35%

2018	2019	2020	2021	2022	2023	2024
17%	19%	21%	21%	24%	27%	30%

Debt Service Ratio – Target: Greater or Equal to 125%

2018	2019	2020	2021	2022	2023	2024
181%	167%	156%	152%	141%	135%	130%

Projections for Rate-Making Purposes (continued)

Operating Fund:

	<u>2020 Budget</u>	<u>2021 Budget</u>	<u>2022 Forecast</u>	<u>2023 Forecast</u>	<u>2024 Forecast</u>
Revenues:					
Assessment Income	2,820,768	2,903,244	3,173,272	3,341,682	3,521,313
Interest Income	72,695	41,216	41,216	41,216	41,216
Other Income	38,500	48,000	48,000	48,000	48,000
Total Revenues	2,931,963	2,992,460	3,262,488	3,430,898	3,610,529
Operating Expenses:					
Salaries & Wages	250,547	249,744	254,739	259,834	265,031
Employee Benefits	113,409	117,373	123,242	129,404	135,874
Biosolids Disposal	252,403	319,712	323,549	327,432	331,361
Chemicals	84,800	95,321	98,181	101,126	104,160
Contracted Services	157,121	141,281	143,400	145,551	147,734
Heat/Fuel Oil	21,730	22,469	22,806	23,148	23,495
Insurance	5,455	5,709	5,795	5,882	5,970
Materials & Supplies	51,667	51,581	52,355	53,140	53,937
Other Expense	5,202	9,402	9,543	9,686	9,831
Purchased Power	232,496	232,623	232,623	232,623	232,623
Tele/Other Utilities	24,819	25,713	26,099	26,490	26,887
Transportation	9,331	13,296	13,495	13,697	13,902
SS - Administration	337,849	351,613	360,843	370,315	380,036
SS - Engineering Services	98,347	103,417	106,106	108,865	111,695
SS - Environmental Services	119,933	116,805	119,871	123,018	126,247
SS - Wastewater Services	185,992	198,853	238,073	230,322	236,368
SS - Water Services	6,842	7,176	10,364	10,636	10,915
	1,957,943	2,062,088	2,141,084	2,171,169	2,216,066
Debt Service	622,953	613,592	797,827	936,152	1,070,886
Renewal & Replacement - Direct	300,000	270,000	300,000	300,000	300,000
Renewal & Replace - Indirect	51,067	46,780	23,577	23,577	23,577
Capital Finance Expense	974,020	930,372	1,121,404	1,259,729	1,394,463
Total Operating Expenses	2,931,963	2,992,460	3,262,488	3,430,898	3,610,529
Current Year Surplus(Deficit)	0	0	0	0	0
Prior Year Surplus	786,814	771,710	771,710	771,710	771,710
Accumulated Surplus	786,814	771,710	771,710	771,710	771,710
Target Balance(25% of budget)	732,991	748,115	815,622	857,725	902,632
Above/(Below)	53,823	23,595	-43,912	-86,015	-130,922

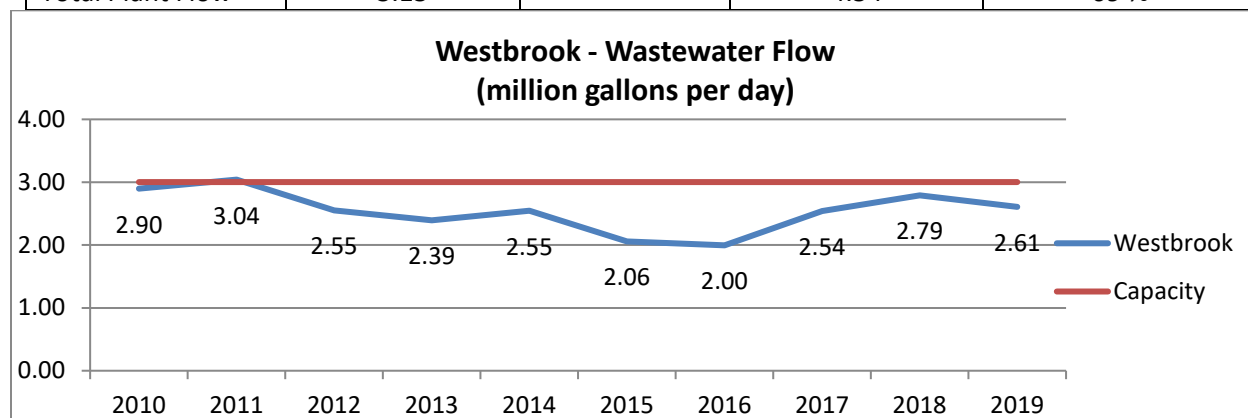
Capital Expenditures: (See details in the Capital Expenditure section) Target Balance: \$1,132,000

	<u>2021 Budget</u>	<u>2022 Forecast</u>	<u>2023 Forecast</u>	<u>2024 Forecast</u>
R&R Balance BOY	\$ 3,723,784	\$ 3,618,964	\$ 3,799,064	\$ 4,045,764
Contribution	\$ 270,000	\$ 300,000	\$ 300,000	\$ 300,000
Withdrawals	\$ (374,820)	\$ (119,900)	\$ (53,300)	\$ (203,150)
R&R Balance EOY	\$ 3,618,964	\$ 3,799,064	\$ 4,045,764	\$ 4,142,614

Operation Summary

Wastewater Treatment: The wastewater generated in the City of Westbrook is pumped to the Westbrook/Gorham/Windham Regional WWTF on Park Road. Flows from the Little Falls section of Gorham and the Town of Windham, including the Maine Correctional Center, are conveyed to this facility. The table below depicts flows from each contributing community. The chart illustrates capacity used for each community and total plant capacity being used based on the treatment plant capacity of 4.54 MGD.

Municipality (Design Flow)	2019 Flow (mgd)	% of 2019 WWTF Flow	Reserved Capacity (mgd)	% of Capacity Used
Westbrook (66.6%)	2.62	83.3 %	3.023	87 %
Gorham (30.8%)	0.42	13.3 %	1.398	30 %
Windham (2.6%)	0.11	3.4 %	0.118	93 %
Total Plant Flow	3.15		4.54	69 %



The following tables depict some of the key parameters that are monitored at the facility.

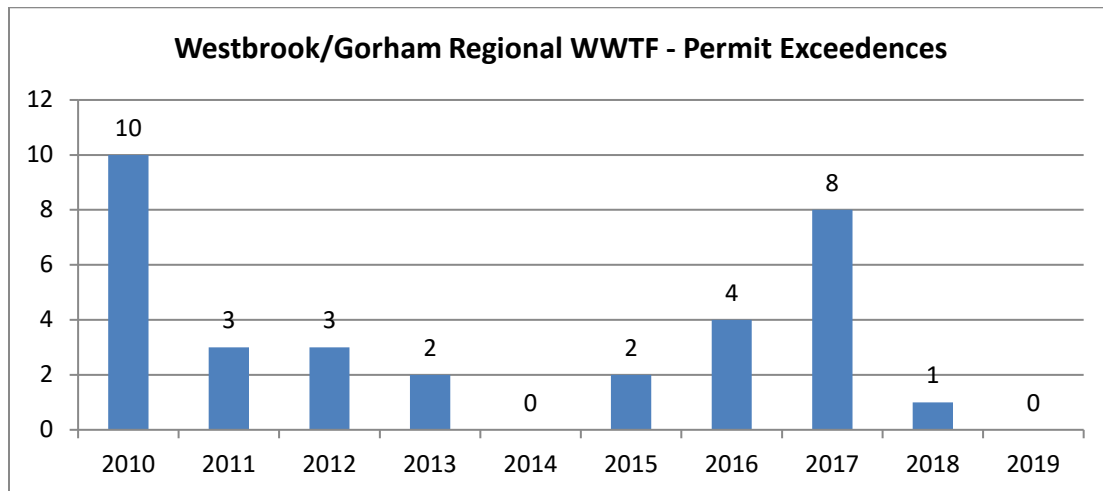
WGWWTF Parameter	DEP Limit	2019 Facility Average
Biosolids Removed (wet tons/month)	N/A	499 wet ton/month

Parameter	Discussion
Biological Oxygen Demand (BOD)	Measure of organic material and the strength of pollution. The treatment plant removed 95% of the BOD, well above the required 85% removal.
Total Suspended Solids (TSS)	Measure of suspended material in the incoming wastewater. The treatment plant removed 93% of the TSS, well above the required 85% removal.
Total Residual Chlorine	Used for disinfecting the treated effluent, chlorine must be removed before the effluent is discharged. The permit limit was met at all times.
Fecal Coliform Bacteria	Following disinfection with chlorine, the fecal coliform level is monitored to confirm the treatment plant effluent was properly disinfected.
Phosphorus	The renewed 5-year permit includes a requirement to monitor phosphorus in the plant's effluent discharge. Phosphorus can contribute to water quality concerns that might include algae and low dissolved oxygen. The monitoring will likely create a baseline for consideration if effluent permit limitations are established in the future.

Operation Summary (continued)

Effluent Permit Requirements:

The effluent permit was renewed in 2017. The permit included reductions in effluent monitoring requirements due to the plant's past performance and the inclusion of a requirement to monitor effluent phosphorus. The City of Westbrook is a joint permittee for their obligations under the CSO Long Term Control Plan.



Wastewater Conveyance – interceptors and pumping stations

Parameter	2020 Actual to Sept	2021 Projected
Preventive Work Orders	46	72
Corrective Work Orders	10	20
Wet wells cleaned	1	3
Debris removed (tons)	2.25	6
Dry Weather Overflows	0	0

2020 Other Highlights

- The Asset Management Program continues to drive the preventive maintenance program, generating both monthly and annual preventive maintenance work orders for each of the pump stations. The Maintenance Manager/Planner Scheduler position, which was created in 2018, has helped to increase reliance on our program and is helping to implement a new system.
- The aeration system at the Westbrook/Gorham/Windham Regional WWTF was evaluated in 2015. Several possible approaches to design of the new system were identified and are dependent on future phosphorus permit limits. The loadings to the treatment facility have increased and are creating some operational challenges. Design of the new system was completed in 2020. Construction will begin in early 2021. The upgrade is expected to take over 2 ½ years.

2020 Other Highlights (continued)

- Recognizing the increased loading at the treatment plant and in anticipation of the aeration system upgrade in 2021, acceptance of septage at the plant has ceased until after the completion of the aeration upgrade. Septage is being accepted at the East End WWTF in Portland.
- Wet wells will continue to be scheduled for cleaning on a quarterly basis at the three pump stations in Westbrook.
- Construction of the recent upgrade of the Dana Court Pump Station took place in 2018-2019. This is the final of the three large stations in Westbrook to have an upgrade completed (Cottage Place and East Bridge St. upgrades were completed in the past). The upgrade included the installation of a new screening system that was similar to the system previously installed at the other pump stations in Westbrook.
- The new dewatering system (screw press) at the treatment facility was installed in 2018. Following an extended start-up, the Operations Team has been able to optimize the equipment and performance of the system has increased dramatically. Through September, the % total solids had increased from only 15.6 % the year before to 20.1% total solids in 2019. This results in the removal of roughly 1,466,000 lbs. of water from the biosolids managed by the facility. This has resulted in a savings in excess of \$50,000 over past years.
- Work continued to further optimize the dewatering system in 2020. There were some challenges, but consistency and % total solids have increased. Staff is also working to optimize and manage the chemicals used during the dewatering operation.

2021 Work Plan

- The Asset Management Program will continue to drive the preventive maintenance program, generating both monthly and annual preventive maintenance work orders for each of the pump stations.
- Wet wells will continue to be scheduled for cleaning on a quarterly basis.
- The Westbrook/Gorham/Windham Regional WWTF will have major work on a number of process areas, including the dewatering conveyance system and odor control for the sludge storage.
- The construction of the upgraded diffused aeration system will begin in 2021. This project will be carefully sequenced and is expected to take just over 2 ½ years to complete.
- The screens at our feeder pump stations (which supply all of the flow to the treatment plant) will be replaced with finer screens that will remove additional materials. This is expected to protect the equipment installed during the aeration system upgrade.
- An assessment of long-term biosolids management options will be completed in 2021. Contaminants of emerging concern, like PFAS, and instability in the solid waste management systems in Maine have created significant instability. This assessment will help determine future approaches to manage biosolids.

Capital Summary

A five-year capital plan is updated each year. The projects are prioritized based on operational needs and financing availability. The table below indicates the projects scheduled for the next fiscal year and the funding source of those projects. Detailed descriptions of the projects can be found in the Capital Finance and Capital Expenditures sections.

	<u>Prior CIP</u>	<u>2021 CIP</u>	<u>Total</u>
Projects:			
WW Collection & Pumping			
Westbrook Pump Station R&R - 3134		\$ 20,000	\$ 20,000
CSO Master Plan Update - 3163		\$ 75,000	\$ 75,000
Flow Metering - 3230		\$ 50,000	\$ 50,000
WW Treatment			
Aeration & Clarifier Design - 3022 (prorated)	\$ 499,500		\$ 499,500
Aeration & Clarifier Construction - 3023 (prorated)	\$ 7,492,500		\$ 7,492,500
Sludge Storage Odor Control - 3025 (prorated)	\$ 499,500		\$ 499,500
Treatment Plant R&R - 3132 (prorated)		\$ 33,300	\$ 33,300
Influent Screening Cottage Place - 3160 (prorated)		\$ 133,200	\$ 133,200
Influent Screening East Bridge - 3160		\$ 125,000	\$ 125,000
Biosolids Processing/Disposal Assessment - 3233 (prorated)		\$ 13,320	\$ 13,320
Total by CIP Year	\$ 8,491,500	\$ 449,820	\$ 8,941,320

Source of Funds:

	<u>R&R Fund</u>	<u>Bond Issue 2021</u>	<u>Bond Issue > 2021</u>	<u>Total Funding</u>
Beginning Balance	\$ 3,723,784			
2021 Contribution	\$ 270,000			
Total R&R Balance Available	\$ 3,993,784			
Projects:				
WW Collection & Pumping	\$ 70,000			\$ 70,000
WW Treatment	\$ 304,820	\$ 3,663,000	\$ 4,828,500	\$ 8,796,320
Total	\$ 374,820	\$ 3,663,000	\$ 4,828,500	\$ 8,866,320
Ending Balance	\$ 3,618,964			
Future Operating Budget	\$ 75,000			\$ 8,941,320

Prorated Projects: Costs of projects done on infrastructure used by multiple communities are 'prorated' between the municipalities based on relative design capacity.

Gorham/Westbrook/Windham Wastewater

Westbrook Regional Treatment Plant

Wright-Pierce completed a comprehensive plant evaluation of the Westbrook Regional WWTF in 2001. The plan outlined recommended upgrades to the facility that had been constructed in the late '70s. To date, the District has made improvements to:

- Plant water system (2006)
- Clarifier scum removal (2006)
- Scum handling, and sludge conveyances control (2006)
- Plant electrical system – Standby Generator (2008)
- Polymer system (2010)
- RAS pumps (2011)
- Plant Control System (2013)
- RAS and flow split to the secondary clarifiers (2014)
- Sludge Dewatering (2018)

Proposed major modifications for a headworks upgrade were set aside in favor of installing screens at the two major pump stations feeding the treatment plant. Start-up of these systems at the Cottage Place and East Bridge St. Pump Stations in 2008 successfully eliminated pump plugging and has reduced the quantity of rags at the treatment plant. As part of the aeration and clarifier upgrade design effort, reducing the spacing of the screens at the pump stations is recommended to provide additional protection for the new equipment and reduce associated maintenance.

In 2013, design and replacement of the control system began. This was completed in 2014 along with chemical feed pumps, residual samplers, and enhanced automation of the disinfection system.

The aeration system was evaluated in 2015 to develop a roadmap for the eventual upgrade of the aeration system as it nears the end of its service life. The 2019 CIP included design phase services to upgrade the aeration system and secondary clarification process. These upgrades will facilitate process control to maintain dissolved oxygen to meet today's loadings, match current peak demand, and provide more energy efficient oxygen delivery. Similar to the East End plant in Portland, a selector is recommended to enhance process control and improve settleability.

In the summer of 2014, the Department of Environmental Protection requested that treatment plants across the State of Maine complete ambient and treatment plant effluent sampling for nitrogen and phosphorus. The designed upgrades to the aeration facilities would be incorporated into any additional treatment system upgrades for nutrient removal, should that become necessary in the future; however, the latest permit renewal includes continued sampling and monitoring only.

The secondary clarification process at Westbrook has not been upgraded or modified since its original construction and the sludge withdrawal mechanisms are nearing the end of their useful life based on an assessment of the clarifiers completed in 2016. Design of the aeration and secondary clarification upgrade is complete and bids are due in November 2020. Construction must progress in a phased sequence to maintain plant operation and is scheduled to be complete by early summer 2023.



Gorham/Westbrook/Windham Wastewater (continued)

In 2015, the District completed an evaluation of sludge dewatering technologies for the Westbrook Regional WWTF, including rehabilitation of the existing belt filter press. Alternative technologies were piloted to quantify the improvement in dewatering performance as compared to the existing equipment. It was determined that alternative technologies would increase the dewatered sludge solids content from an average of approximately 16% to a minimum of 20%, which significantly reduces the volume of sludge to be disposed. This would reduce sludge disposal costs while enhancing flexibility with respect to future sludge disposal alternatives. As a result, in 2016 the proposed belt filter press rehabilitation project (CIP #416 project 2075) was replaced with a proposed upgrade to an alternative technology (CIP #167 project 2534). In 2016, alternative technologies were evaluated and competitively procured through an evaluated bid process that resulted in a recommendation to upgrade to a screw press technology in January of 2017. This project was completed in the spring of 2018 and has been performing well and achieving the target minimum cake solids. In the winter of 2019 the belt filter press equipment was removed and a platform was installed around the screw press to facilitate access for operation and maintenance. Design work to remove the belt filter press control panel, which includes a number of hard-wired interconnects with various system components, along with associated control system modifications is underway and expected to be complete by the end of 2021.



2018 CIP 416 project 3027 - Screw Press Access Stair and Platform

Gorham/Westbrook/Windham Wastewater (continued)

Westbrook – Sewer System

In late 2007, the District hired Woodard & Curran, Brown & Caldwell and Jordan Environmental to update the City of Westbrook's CSO Master Plan. This plan was completed and submitted to Maine DEP in 2008. Some of the work included in the plan involved the City, and some involved the District. Because the City operates the collection system, the bulk of the first five years would focus on the removal of infiltration and inflow (I/I) from the City collection system. Later portions of the plan would include storage and other work on District owned assets. Since the plan was updated, all flow from all the CSO outfalls are now continuously monitored.

The plan was updated in 2014 and submitted to the DEP per the State's requirements. The plan included a summary of the work completed in the first 5 years and a revised set of projects and schedule. The projects that involve District facilities are being completed in accordance with the Master Plan and have included several projects to increase the capacity of the interceptor system. The Master Plan included upgrades and capacity increase at the Dana Court Pump Station (CIP #29 project 2527). This project was completed in 2019. The plan also included the addition of floatables containment at the CSO diversion structure prior to the Cottage Place pump station (CIP #29 project 2524). This project was completed in 2020.

Gorham/Windham – Pump Stations and Collector Systems

In May of 2008, flows from the Town of Windham, the Maine Correctional Center and the Little Falls section of Gorham were re-directed to the Westbrook/Gorham WWTF for treatment. This action led to the closure of two outfalls into the Presumpscot River. This project also led to an upgrade of the Tow Path pump station and the decommissioning of the treatment plant in Little Falls in 2010. Due to the relatively young age of most of Gorham's other pump stations, preventive maintenance, condition assessment through CCTV inspection of buried infrastructure, and minor repairs have been the focus in recent years.

To increase reliability and improve service during power outages, standby generators have been installed at most of the pump stations. In 2014, an assessment of all of the pump stations in the system was completed, and stations with identified needs were then flagged for more detailed investigation. As a result of those studies, upgrades at the Androscoggin PS (CIP #180 project 2317) and Canterbury Pines PS (CIP #60 project 1117) were completed by the end of 2017.

To ensure that accurate wastewater flow is measured and used for allocating operating costs to the Town of Gorham, a flow meter was installed to measure the flow from the Town of Gorham to the Westbrook Gorham Windham WWTF. This meter was installed and is maintained by a third party vendor as part of the District's extensive flow monitoring program.

Gorham/Westbrook/Windham Wastewater (continued)

Gorham, Westbrook and Windham are served by a centralized wastewater treatment plant in Westbrook. Capital costs are allocated by each municipality's relative design capacity of the specific infrastructure.

Program Summary

	-2021-	-2022-	-2023-	-2024-	-2025-
SCADA & Technology					
Westbrook Joint					\$25,000
WW Collection & Pumping					
Gorham	\$20,000	\$20,000	\$350,000	\$20,000	\$20,000
Westbrook	\$145,000	\$20,000	\$20,000	\$20,000	\$3,220,000
Windham	\$35,000	\$90,000	\$520,000	\$20,000	\$20,000
WW Treatment					
Westbrook	\$125,000				
Westbrook Joint	\$270,000	\$150,000	\$50,000	\$1,025,000	\$2,200,000
Windham		\$10,000,000			
Grand Total	\$595,000	\$10,280,000	\$940,000	\$1,085,000	\$5,485,000

Financing Summary

	-2021-	-2022-	-2023-	-2024-	-2025-
Bond			\$500,000	\$750,000	\$5,100,000
Bond SRF		\$10,000,000			
Operating Expense	\$75,000				
R&R	\$520,000	\$280,000	\$440,000	\$335,000	\$385,000
Grand Total	\$595,000	\$10,280,000	\$940,000	\$1,085,000	\$5,485,000

Gorham/Westbrook/Windham Wastewater (continued)

Project by Program and Subprogram/Project Summary

	-2021-	-2022-	-2023-	-2024-	-2025-
Gorham	\$20,000	\$20,000	\$350,000	\$20,000	\$20,000
WW Collection & Pumping					
60\3137\Gorham WW Pump Station - R&R	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
60\3178\Gate	\$860,000 updated cost		\$85,000		
60\3179\Park South PS Upgrades			\$95,000		
60\3180\Briarwood PS Telemetry Upgrade			\$75,000		
60\3181\Meadowland PS Telemetry Upgrade			\$75,000		
Westbrook	\$270,000	\$20,000	\$20,000	\$20,000	\$3,220,000
WW Collection & Pumping					
29\3163\CSO Master Plan Update	\$75,000				
29\3230\Flow Metering	\$50,000				
29\3231\PEND - CSO Storage Facility					\$3,200,000
411\3134\Westbrook WW Systems R&R	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
WW Treatment					
416\3160b\Influent Screening-East Bridge	\$125,000				
Westbrook Joint	\$270,000	\$150,000	\$50,000	\$1,025,000	\$2,225,000
SCADA & Technology					
177\3127\Westbrook SCADA Server Replacement Program					\$25,000
WW Treatment					
416\3132\Westbrook Gorham Windham WWTF R&R	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
416\3159\Plant Water System Rehab/Controls				\$75,000	
416\3160a\Influent Screening Cottage Place	\$200,000				
416\3166\Process Area Ventilation Upgrades				\$750,000	
416\3190\Access Road and Parking Lot Resurfacing		\$100,000			
416\3191\TWAS Mixing System Replacement				\$150,000	
416\3198\WAS and GBT System Upgrade/Rehabilitation					\$250,000
416\3199\RAS Pumping Upgrade					
416\3200\Hypochlorite Storage Tank Replacement					
416\3232\Septage Screening Facilities					\$1,900,000
421\3233-b\Biosolids Processing and Disposal Assess	\$20,000				
Windham	\$35,000	\$10,090,000	\$520,000	\$20,000	\$20,000
WW Collection & Pumping					
180\3138\Windham- Little Falls WW System - R&R	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
180\3183\Route 202 Telemetry Upgrade					
181\3139\Windham - Depot Street Pump Station			\$500,000		
181\3228\Rte 202 PS Easement and Stdbby Generator Dr	\$15,000				
181\3229\Rte 202 PS Generator Installation		\$70,000			
WW Treatment					
\3241\North Windham WWTF		\$10,000,000			
Grand Total	\$595,000	\$10,280,000	\$940,000	\$1,085,000	\$5,485,000

Subprogram # 29**Westbrook CSO Abatement****Division:** Wastewater - Westbrook**Manager:** Poulin, Charlene**Funding:** Operating Expense**Priority:** Regulatory mandate**Description:**

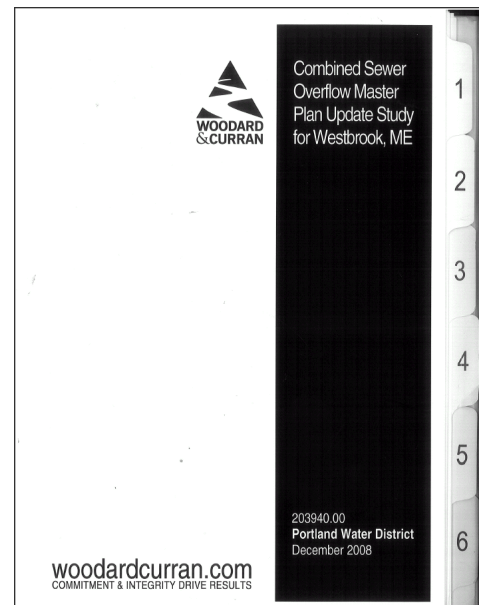
This project contemplates funding and programming the design and construction of projects recommended in a study that was completed by Woodard & Curran and Brown & Caldwell. The purpose of the study was to update the Westbrook CSO Master Plan.

Justification / Impact:

The District, City of Westbrook and the DEP agreed that an upgrade to the existing CSO Master Plan was favored over work previously scheduled for the sewer between Brown and King Streets. The Westbrook/Gorham WWTF license was renewed in 2006. Written into the new license was a requirement for the District to submit a CSO Master Plan update and abatement schedule on or before December 31, 2008. This was completed on time and submitted to DEP for their approval.

History:

King Street/Brown Street sewer work was put aside in lieu of updating the Westbrook CSO Master Plan. Project awarded to Woodard and Curran/Brown and Caldwell. Updated Master Plan due on or before 12/31/08 for Department review and approval.

**Budget Summary:**

Budget year			Project	Budget Year Cost
2021	Op Exp	3163	CSO Master Plan Update	\$ 75,000
2021	R&R	3230	Flow Metering	\$ 50,000
PEND	Bond	2522	Construction of New Storage Facility	\$3,200,000
Total Cost, All Years:				\$3,325,000

Previous Years on CIP:

2000 to present

Weir at Warren Ave CSO

Subprogram # 411**Westbrook WW Systems R&R**

Division: Wastewater - Westbrook
Charlene

Manager: Poulin,

Funding: R&R - Wastewater – Div. 62
replacement

Priority: Routine

Description:

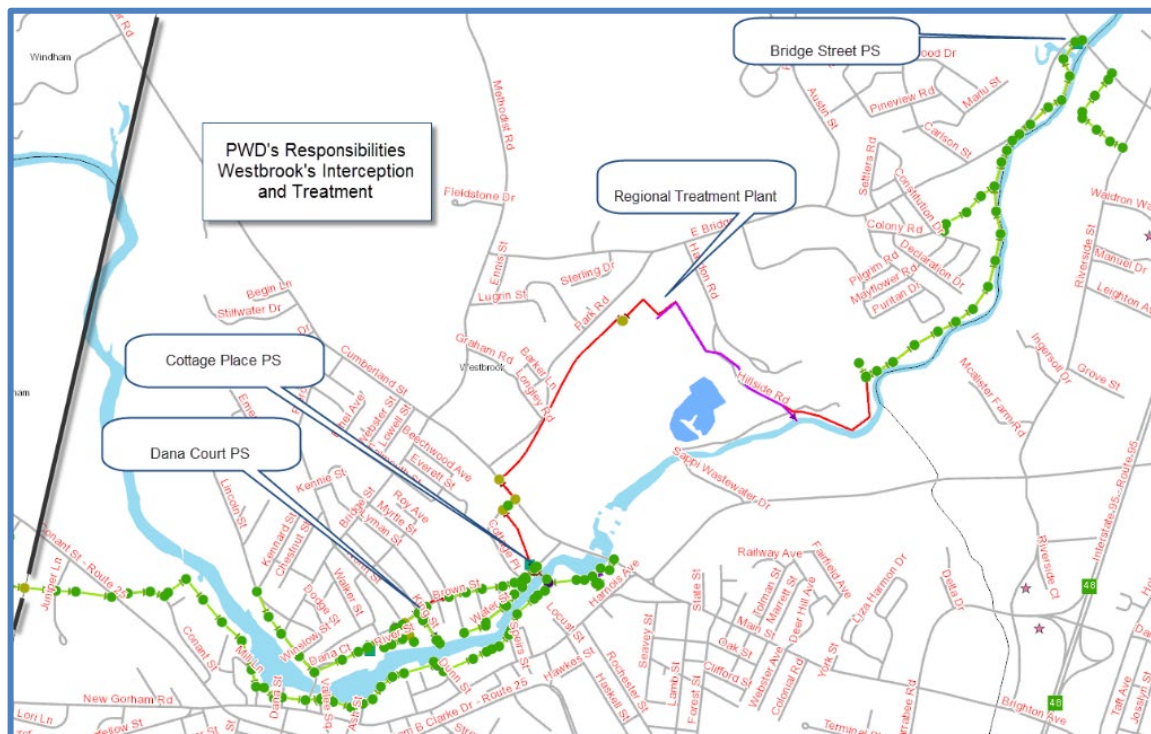
This project provides for the timely renewal of equipment associated with pump stations and the purchase of monitoring equipment for the interceptor system. Major pump stations have been recently upgraded but funds need to be available for replacement parts when necessary.

Justification / Impact:

An on-going study to upgrade the Westbrook CSO Master Plan will be complemented with the addition of a portable flow monitoring device. The Dana Court pump station has yet to be upgraded and funds are required to assure continued operation.

Budget Summary:

Budget year	Project	Budget Year Cost
2021 - R&R	3134 Westbrook WW Systems R&R	\$20,000
2022 - R&R	3134 Westbrook WW Systems R&R	\$20,000
2023 - R&R	3134 Westbrook WW Systems R&R	\$20,000
2024 - R&R	3134 Westbrook WW Systems R&R	\$20,000
2025 - R&R	3134 Westbrook WW Systems R&R	\$20,000
Total Cost, All Years:		\$100,000



Subprogram # 416 Westbrook Gorham Windham Regional WWTF

Division: Wastewater - Joint Westbrook
Paul

Manager: Rodriguez,

Funding: Bonds, R&R – Wastewater- Div. 64
obsolete facility

Priority: Upgrade

Description:

Provide for plant upgrades required to continue to meet regulatory and operational requirements and for the timely routine replacement of equipment nearing the end of its service life. The main focus of the proposed projects is to improve plant performance and efficiency.

Justification / Impact:

Physical assets require scheduled maintenance and eventual replacement. Planned upgrades also include instrumentation and control in accordance with current industry practice and provide enhanced automation, monitoring and control of the treatment processes.

Regulatory requirements are continuously revised and updated by the EPA and administered by the Maine Department of Environmental Protection. This account provides for the equipment replacement and system upgrades necessary to continue to meet regulatory and operational requirements.



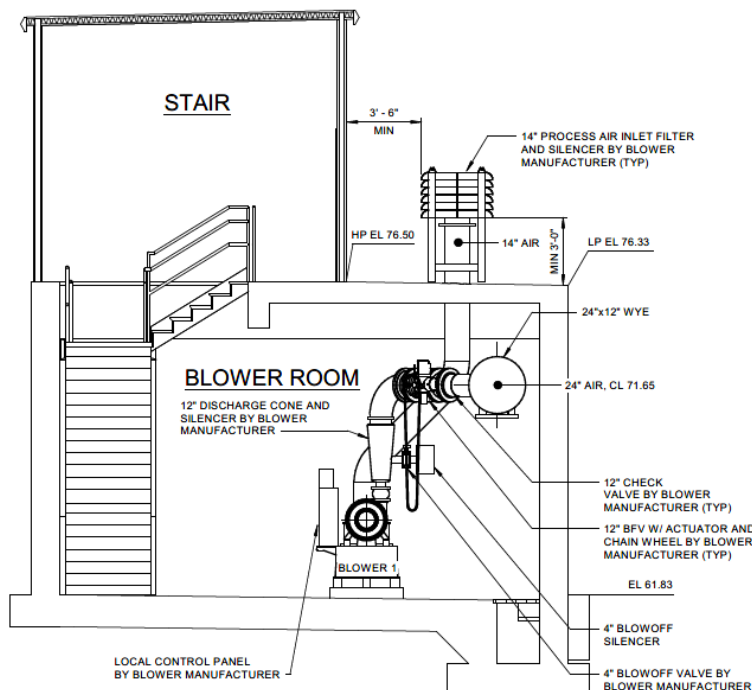
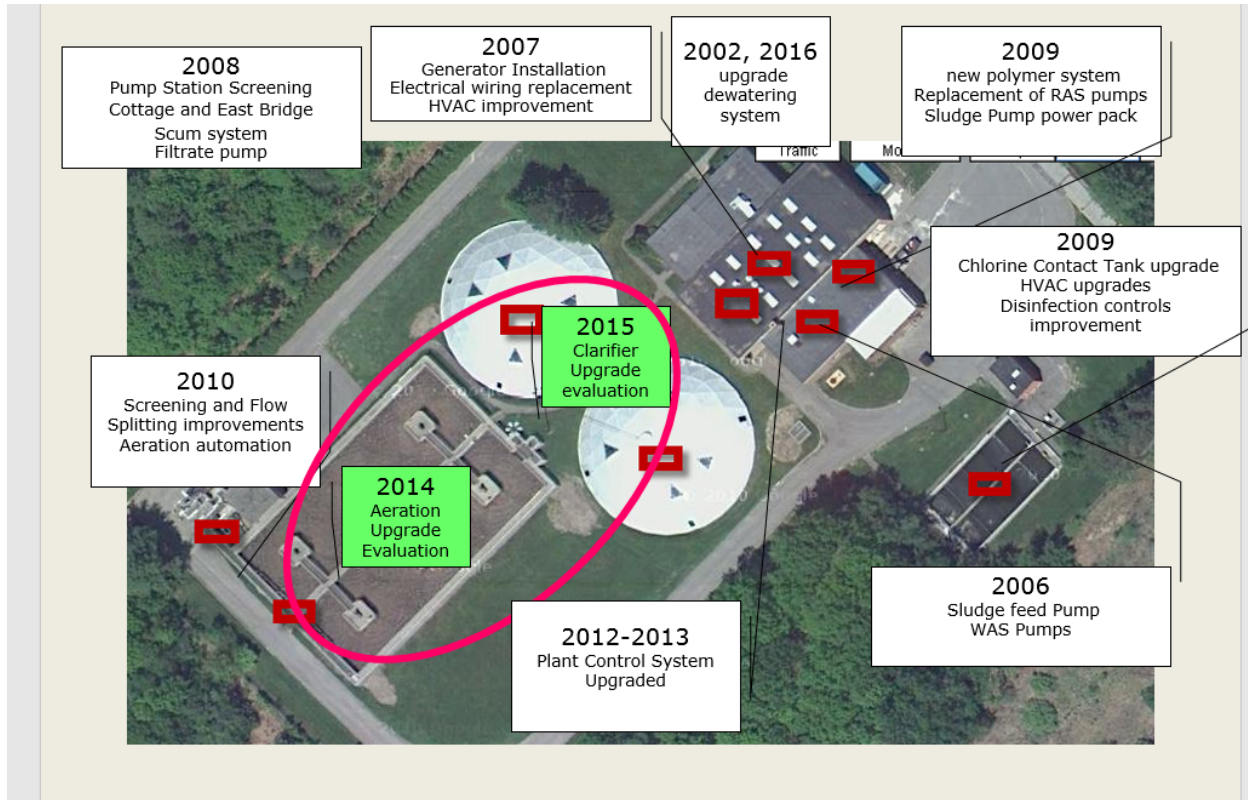
History:

Recent planning and design efforts include the Aeration System Alternatives Analysis (2015), the Secondary Clarifier Condition Assessment (2016), and the Aeration and Secondary Clarification Upgrade Design (2019).

Budget Summary:

Budget Year			Project	Cost	
2021	R&R	3132	Westbrook Gorham Windham WWTF R&R	\$	50,000
2021	R&R	3160a	Influent Screening-Cottage Place	\$	200,000
2021	R&R	3160b	Influent Screening-East Bridge	\$	125,000
2022	R&R	3190	Access Road and Parking Lot Resurfacing	\$	100,000
2022	R&R	3132	Westbrook Gorham Windham WWTF R&R	\$	50,000
2023	R&R	3132	Westbrook Gorham Windham WWTF R&R	\$	50,000
2024	R&R	3132	Westbrook Gorham Windham WWTF R&R	\$	50,000
2024	R&R	3159	Plant Water System Rehab/Controls	\$	75,000
2024	Bonds	3166	Process Area Ventilation Upgrades	\$	750,000
2024	R&R	3191	TWAS Mixer Replacement	\$	150,000
2025	R&R	3198	WAS and GBT System Upgrade/Rehabilitation	\$	250,000
2025	Bonds	3232	Septage Screening Facilities	\$	1,900,000
2025	R&R	3132	Westbrook Gorham Windham WWTF R&R	\$	50,000
Total Cost, All Years				\$	3,800,000

Subprogram # 416 Westbrook Gorham Windham Regional WWTF



CIP 2020, Subprogram #416, Project # 3023: \$11,250,000 - Westbrook aeration and secondary clarifier upgrade. Construction is expected to start in 2021 with an anticipated two year construction duration. To the left is a diagram of the below grade blower room in design.

Subprogram # 421**Wastewater Asset Condition Evaluations****Division:** Wastewater - General**Manager:** Firmin, Scott**Funding:** Renewable and Replacement**Priority:** Upgrade obsolete facility**Description:**

This subprogram will provide needed engineering evaluation and programming of similar asset classes across all wastewater treatment plants and critical influent pump stations. Many of the processes have been upgraded over the years but systems such as electrical and HVAC were not prioritized to be replaced but are critical to the overall operations. Performing engineering evaluations on these critical systems is the first step and developing a long term plan to replace or upgrade these systems to meet current codes.

Justification / Impact:

Engineering evaluation to develop prioritized schedule and budget to upgrade electrical distribution and Heating and Ventilation Systems across the major wastewater Treatment Plants. Many of these systems are original to the plants and pump stations (30- 35 years old). The goal is to upgrade these systems to meeting code and allow for additional capacity to meet the future needs. Engineering evaluations were completed in 2016 for Electrical and in 2017 for HVAC and many projects have been programmed in the Capital Improvement Program in their respective subprograms as a result of these evaluations. A biosolids processing and disposal assessment is needed for the Westbrook and Portland Plants as a result of a changing regulatory environment due to PFAS

History:**Budget Summary:**

Budget year	Project	Budget Year Cost
2021	3233 Biosolids Processing and Disposal Assessment	100,000
Total Cost, All Years:		100,000

Previous Years on CIP:

2016

Procurement Issues:

RFP for engineering procurement

City of Westbrook
Sewer Fund
Budget Comparisons CY19, YTD CY20, & FY21

Account Description	Account Numbers 80003250	CY19 Budgeted	CY19 Actuals	-/+	CY20 Budgeted	CY20 YTD July 13, 2020	-/+
Sewer Assessments	41200	(4,603,294)	(4,579,069)	24,225	(4,867,994)	(2,146,602)	2,721,392
Interest/Penalties onTax	41900		(433)	(433)	-	(402)	(402)
Investment Earnings	46000	(50,000)	(73,594)	(23,594)	(65,000)	(38,447)	26,553
Transfer from Sewer Fund Balance			-	-	-		-
Total Revenue		(4,653,294)	(4,653,097)	197 -	(4,932,994)	(2,185,451)	2,747,543

Expenses:

Salaries - Regular	51100	363,236	321,907	41,329	369,572	191,159	178,413
Salaries - Overtime	51300	22,500	25,473	(2,973)	23,175	11,819	11,356
Cash In	51600	-	-	-	-	-	-
Other Employee Benefits	52900	145,112	128,387	16,725	149,487	-	149,487
Uniforms	52901	5,400	4,423	977	5,400	2,260	3,140
Medical Exams/Physicals	52902	1,000	1,394	(394)	2,000	392	1,608
Training	53300	6,000	1,784	4,216	3,000	2,449	551
Architect & Engineering	53420	75,000	62,609	12,391	50,000	94	49,906
Prof Services - IT/Technology	53520	500	-	500	500	-	500
GIS Project	53617	50,000	48,839	1,161	50,000	26,128	23,872
Portland Water Assessment	53622	2,539,800	2,539,800	-	2,820,768	1,645,448	1,175,320
Utility/Water & Sewer	54105	3,000	2,506	494	3,000	889	2,111
Maint Building & Grounds	54312	8,000	17,201	(9,201)	8,000	6,079	1,921
Tech Consult Maint	54330	5,000	1,053	3,947	4,000	-	4,000
Maint - Small Equip	54390	3,500	5,010	(1,510)	3,500	598	2,902
Equipment & Vehicle Lease	54420	15,790	700	15,090	15,790	-	15,790
Tel - Push Talk	55320	6,000	9,253	(3,253)	9,000	4,343	4,657
General Supplies	56000	4,000	3,280	720	4,000	2,576	1,424
Chemical Supplies	56044	-	-	-	-	-	-
Natural Gas	56210	10,000	2,759	7,241	5,000	1,302	3,698
Electricity	56220	50,000	46,244	3,756	47,000	25,212	21,788
Fuel, Gas	56260	5,000	4,319	681	5,000	2,456	2,544
Fuel, Diesel	56261	4,000	3,239	761	4,000	1,529	2,471
Auto Parts	56700	7,000	2,129	4,871	5,000	694	4,306
Vehicles, New	57320	-	-	-	-	-	-
Furniture/Fixtures	57330	1,000	-	1,000	1,000	-	1,000
Hardware/SCADA	57340	10,000	1,896	8,104	50,000	23,222	26,778
Small Equipment	57390	30,000	32,370	(2,370)	30,000	10,201	19,800
Reline Work - Sewer Rehab.	57400	70,000	60,499	9,501	125,000	46,002	78,998
Dues & Memberships	58100	400	35	365	400	205	195
Debt Service -Principal & Interest	58310	1,025,064	-	1,025,064	1,003,504	-	1,003,504
Sludge Disposal	58981	4,000	2,875	1,125	4,000	100	3,900
Inspection - TV	58982	20,000	18,116	1,884	23,000	4,701	18,299
Casting/Brick/Pipe	58983	20,000	18,944	1,056	40,000	954	39,046
NPDES	59000	50,000	44,248	5,752	50,000	29,129	20,871
Transfer to Capital Project Fund	59400	92,992	-	92,992	18,898	-	18,898
Total Expenses		4,653,294	3,411,293	1,242,001	4,932,994	2,039,939	2,893,055

Total Sewer Surplus / (Deficit)	-	1,241,803	1,241,803	-	145,512	145,512
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FY21 Budgeted (6 Month)	% Bud Inc. CY20/FY21
(2,566,347)	19.6%
-	0.0%
(7,000)	-81.8%
(110,339)	0.0%
(2,683,686)	22.8%

191,729	0.3%
12,000	1.5%
-	0.0%
77,551	0.0%
2,300	1.8%
400	2.0%
2,500	2.1%
25,000	26495.7%
-	0.0%
26,000	-0.5%
1,650,000	0.3%
900	1.3%
6,000	-1.3%
-	0.0%
600	0.3%
7,895	0.0%
4,400	1.3%
2,500	-3.0%
-	0.0%
1,400	7.6%
25,300	0.4%
2,500	1.8%
1,600	4.7%
2,000	188.3%
-	0.0%
-	0.0%
25,000	7.7%
10,500	2.9%
50,000	8.7%
400	95.1%
495,012	0.0%
200	100.0%
10,000	112.7%
20,000	1995.6%
30,000	3.0%
	0.0%
2,683,687	31.6%

(0)

SEWER DEPT 2021 BUDGET "VENDOR LIST"

Wastewater Division Vendors

80003250 52901		Uniforms		\$2,300.00
Cintas Corporation				

80003250 53420		Engineering		\$25,000.00
Gorrill-Palmer	Sebago Technics	St. Germain-Collins	RW Gillespie & Assoc.	
Lloyds Register Americas Inc	Stantec	SW Cole Engineering	Wright-Pierce	

80003250 53617		GIS Projects		\$26,000.00
Cartographic Associates Inc				

80003250 54105		Utility/Water & Sewer		\$900.00
Portland Water District				

80003250 54312		Maintenance - Building & Grounds		\$6,000.00
Carbtrol Corporation	Glidden Paving	K & S Doors	PowerProducts	Supplyworks
Corey Electric	Handyman Services	Lowes	PTI Paving	Stultz Electric
EJ Prescott	Home Depot	Overhead Door	Shaw Brothers	Supplyworks
G & E Roofing	Honeywell	Patriot Mechanical	Stevens Electric	WW Grainger Inc

80003250 54390		Maint. - Small Equipment		\$600.00
Aubuchon Hardware	Hayes Pump	MB Tractor Equipment	Sportsman's Hardware	
Cummins Northeast	Home Depot	MSA Gas Meters	Stultz Electric	
CN Wood	Honeywell	Patriot Mechanical	Stevens Electric & Pump	
Fastenal	Jack Young Co.	Pine Tree Environmental		
Gorman Rupp Pump	K & S Doors	Portland North Truck Center		
Hall Implement	Lowe's Companies Inc	Southworth Milton		

80003250 54420		Equipment & Vehicle Lease		\$7,895.00
Androscoggin Bank	MSA Gas Meters	Rowe Ford		
CN Wood	Portland North Truck Center	Stultz Electric		

80003250 55320		Telephone - Push Talk		\$4,400.00
AT&T Mobility II LLC	Corey Electric	Verizon Wireless Services		
Consolidated Communications	Otelco Telecommunications			

80003250 56000		General Supplies		\$2,500.00
Adobe Acropro	Horizon Solutions LLC	WB Mason Co Inc	Walsh Printing & Graphics	
DTL Inc	Lowe's Companies Inc	WW Grainger Inc		

80003250 56210		Natural Gas		\$1,400.00
Unitil Service Corporation				
Suburan Propane				

80003250 56220		Electricity		\$25,300.00
Central Maine Power				
Corey Electric				

80003250 56700		Vehicle Supplies/Auto Parts		\$2,000.00
Adams & Fogg	Eastern Electric	Jack Young Co.	Nortrax	Weirs Motor Sales, Inc.
Adams Emergency Vehicles	Genuine Parts Company (NAPA)	Jordan Equipment	O'Connor GMC	Westbrook Service Center
Advance Auto Parts	Gorham Tractor	KL Jack & Co	Portland North Truck	Wingfoot Commercial Tire
AEC Control System	Greg Buckley/MSA Meters	Lee Dodge	Roberts Auto Body	Yerxa's
Aqua Solutions Inc	Hayes Pump	McFarland Spring	Rowe Ford	Vactor
Atlantic Broom Service, Inc.	Hews Co.	Messer Truck Equipment	Stevens Electrical	CN Wood
Corey Electric	Howard P. Fairfield, Inc.	Morrison & Sylvester Inc	Stultz Electric	
Cummins Northeast, Inc.	Hydraulic Hose & Assembly	Northland Holder, Inc.	Tenco	

80003250 57340		Computers/SCADA Maintenance		\$25,000.00
AT&T Mobility II LLC	Maine Security			
Electrical Controls of Maine	Unified Communications (TPX)			
ESRI	Verizon Wireless Services			

80003250 57390		Small Equipment		\$10,500.00
CN Wood	Everett J Prescott Inc	Home Depot	Nortrax	Stultz Electric
Cummins Northeast	Faulkner Welding	Horizon Solutions LLC	Overhead Door	SupplyWorks
DTL Inc (Sportsman)	Genuine Parts Company	K & S Doors	Portland North	Vactor Corp
Eastern Electric	Greg Buckley/MSA Meters	K L Jack & Co	Pine Enviornmental Services	Tenco
Ed Willele Jr Inc (Eds Batteries)	Hayes Pump Inc	Lowes	Steven's Electric	WW Grainger Inc

80003250 57400		Sewer Rehab & Repair		\$50,000.00
Advanced Auto Parts	EcoClean	Home Depot	RJ Grondin	Westbrook Service Center
American Concrete	Everett J Prescott Inc	Hydraulic Hose	Rowe Ford	Wright-Pierce
CN Wood	Faulkner Welding & Machine	Les Wilson & Sons	Sebago Technics	WW Grainger Inc
Coastal Road Repair	Gorham Sand & Gravel	Lowes	Shaw Brothers	
Corey Associates	Gorrill-Palmer	Messer Co	Sebago Technics	
Cummins Northeast	Handyman Services	MSA Gas Meters	Stevens Electrical	
DTL Inc (Sportsman)	Hayes Pump Inc	Overhead Door	Tenco	
80003250 58981		Sludge Disposal		\$200.00
Pine Tree Waste Inc				
80003250 58982		Sewer Inspection - TV		\$10,000.00
Eco Clean, LLC	Zoom Drain			
Ted Berry Co., Inc				
80003250 58983		Castings, Brick, Pipe		\$20,000.00
American Concrete	DTL Inc (Sportsman)	Glidden Construction	Les Wilson & Sons	Suburban Security
American Highway Products	EJ Prescott	Gorham Sand & Gravel	Pavement Treatments, Inc	Treasurer State of Maine
At Work Flaggers	Ferguson Waterworks	Handyman Rental	Pre-Cast of Maine	Windham Rental
Coastal Road Repair	Flow Assessments	Keenan Excavation	RJ Grondin	
Core & Main LP	Gagne & Son Concrete Blocks	Leavitt Earthworks	Shaw Brothers	
80003250 59000		NPDES		\$30,000.00
Cumberland County Soil & Water Conservation District		Long Creek Watershed Management District Restoration		
Garden State Highway Products Inc		Natures Design Landscaping		