



Natick Finance Committee

Pursuant to Chapter 40, Section 3 of the Town of Natick By-Laws, I attest that the attached copy is the approved copy of the minutes for the following Meeting:

Town of Natick Finance Committee

DPW Subcommittee

Meeting Date: February 10, 2021

The minutes were approved through the following action:

Motion: XXXX

Made by: xxxx

Seconded by: xxxx

Vote: x – x – x

Date: <date>, 2021

Respectfully submitted,

Bruce Evans

Clerk

Natick Finance Committee

MEMBERS PRESENT:

Bruce Evans, Finance Committee

Dirk Coburn, Finance Committee

Julien LaFleur, Finance Committee

Mike Linehan, Finance Committee

Jerry Pierce, Finance Committee

MEMBERS ABSENT:

Cathy Coughlin, Finance Committee, couldn't attend due to technical problems

Department of Public Works

Jeremy Marsette, Director of Public Works

Tony Comeau, Supervisor Water and Sewer

Art Goodhind, Supervisor Land Facilities & Natural Resources

Tom Hladick, Supervisor Highway and Sanitation Deputy Director

Kenneth Fisher, Supervisor Equipment and Maintenance Division

William McDowell, Town Engineer

Town Administration

Bob Rooney, Interim Town Administrator

Abdul Rauf, Finance Department

AGENDA:

Citizens' Concerns

DPW Strategic Overview

1. Discussion with the Director of Public Works and Division Supervisors on Public Works budget items for 2021 Spring Annual Town Meeting including but not limited to:
 - a. Administration
 - b. Municipal Energy
 - c. Engineering
 - d. Equipment Maintenance
 - e. Highway & Sanitation
 - f. Land, Facilities & Natural Resources
 - g. Water & Sewer
2. Adjourn

CALL TO ORDER

Meeting was called to order at 6:00 p.m. by Bruce Evans

Public Comments - None

Mr. Linehan moved to open the meeting, seconded by Mr. Pierce, voted 5 – 0 – 0

Mr. Coburn = yes

Ms. Coughlin? = yes?

Mr. Evans = yes

Mr. Linehan = yes

Mr. LaFleur = yes

Mr. Pierce = yes

The focus of tonight's meeting is to address questions that remain in order to vote on a recommendation for each of the seven DPW divisions, the overall DPW budget and the Water & Sewer Enterprise Fund.

Public Works

9-Feb-21

Public Works	2018 Actual	2019 Actual	2020 Actual	2021 Appropriated	2022 Proposed	2021 vs. 2022	
						\$ (+/-)	%(+/-)
Personnel Services	3,657,661	3,585,137	3,747,607	4,022,781	4,143,658	120,877	3.00%
Expenses Municipal Energy	1,479,112	1,491,457	1,177,087	1,443,100	1,469,900	26,800	1.86%
Expenses (less snow and ice)	2,016,098	2,224,685	2,896,328	2,966,657	3,029,407	62,750	2.12%
Snow and Ice	550,000	550,000	550,000	550,000	550,000	-	0.00%
Total Public Works	7,702,871	7,851,279	8,371,022	8,982,538	9,192,965	210,427	2.34%

**Department: Line item budget**

Description		2018 Actual	2019 Actual Expense	2020 Actual Expense	2021 Appropriated	2022 Proposed	2021 vs. 2022 \$ (+/-) % (+/-)	
SALARIES MANAGEMENT	¹	135,000	140,632	144,520	146,145	147,253	1,108	0.76%
SALARIES OPERATIONAL STAFF	²	149,076	169,915	175,842	175,489	177,224	1,735	0.99%
SALARIES PART TIME OPERATIONAL	³	12,107	0	0	12,200	12,200	-	0.00%
TEMP OPERATIONAL STAFF		10,815	0	0	10,815	10,815	-	0.00%
SALARIES ADD'L COMP OPER		2,500	1,000	3,500	3,500	3,500	-	0.00%
SALARIES PER (FLSA)	⁴	5,000	2,886	4,911	5,000	5,000	-	0.00%
Personnel Services		314,498	314,432	328,773	353,149	355,992	2,843	0.81%
EQUIPMENT REPAIRS/SERVICING		300	0	0	300	300	-	0.00%
TELEPHONE		8,313	12,680	14,949	10,500	10,500	-	0.00%
POSTAGE		1,020	1,325	1,929	1,200	1,200	-	0.00%
PURCHASED SERVICES MISC	⁵	2,450	2,040	3,655	2,450	2,450	-	0.00%
PRINTING/ADVERTISING		1,250	5,425	4,350	4,000	4,000	-	0.00%
Purchased Services		13,333	21,471	24,883	18,450	18,450	-	0.00%
TRAINING & EDUCATION		10,000	6,157	5,955	25,500	20,000	(5,500)	-21.57%
COMPLIANCE INSP & TRAINING	⁶	12,750	8,767	12,750	12,750	12,750	-	0.00%
LICENSES CDL & SPECIAL		200	0	240	225	225	-	0.00%
Technical & Professional Services		22,950	14,924	18,944	38,475	32,975	(5,500)	-14.29%
OFFICE SUPPLIES		8,750	8,469	7,128	9,500	9,500	-	0.00%
GIS SUPPLIES	⁷	9,000	8,715	7,995	9,430	9,430	-	0.00%
Supplies		17,750	17,184	15,123	18,930	18,930	-	0.00%
PROTECTIVE CLOTHING		3,500	0	0	3,500	3,500	-	0.00%
Other Supplies		3,500	0	0	3,500	3,500	-	0.00%
Total Administration		372,031	368,011	387,724	432,504	429,847	-2,657	-

Footnotes

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Salaries:¹ Management - Salary for the Director of Public Works² Operational - Salaries for the Executive Assistant, Department Assistant, and Data Analyst³ Temporary Operational Staff - Salaries for part-time interns⁴ Additional compensation for Department staff per Fair Labor Standards Act (FLSA) - Additional compensation for overtime to employees who have applicable stipends**Purchased Services:**⁵ Purchased Services Misc. - Professional memberships to various organizations.**Technical & Professional Services:**⁶ Compliance Inspection & Training - Inspection and testing of oil/water separators, stage II gas pump, above ground tanks, overhead equipment, bucket trucks, and the fire suppression system at the fuel depot**Supplies:**⁷ GIS Supplies - GIS Services costs to support other Town Departments including training, supplies, computer hardware/software, consultants, and software licences**DPW Administration**

Mr. Marsette said that the percentage changes are a bit different than those listed in ClearGov. But just modestly so. So overall here, salaries are more or less the same. With the exception of that increase. There is also we reduced the budget line for training and education, there was a one-time sort of projected increase, or one time increase for the last fiscal year to accommodate some additional training that we conducted. And that's not been completed. So we're adjusting that budget line down to something more normal or more average for an overall change, which actually in the disc division would be a decrease in the budget for athletes who want to bottom line.

Questions from the Committee

Mr. Linehan noted that training and education was low in FY19 and FY20, then increased sharply and FY21 of \$25,500 and the FY 22 request is \$20,000. Mr. Marsette said that the \$25,500 figure in FY 21 was required for mandatory OSHA training compliance and other MGL training compliance for all DPW staff and that training continues into FY 22, albeit at a somewhat reduced level. We received a one-time grant in FY20 to reduce the required budget in this area that was not available in FY 21 or FY 22.

Mr. LaFleur asked whether any of the training and education was COVID-related. Mr. Marsette said it wasn't directly COVID-related, but workplace safety certainly has evolved over this past year due to COVID. DPW would need to do this regardless of COVID. Our operations are modified as a result of COVID and it's a big part of the safety training mix going forward. However, unfortunately, these expenses are not eligible for reimbursement through FEMA or CARES Act grants.

Mr. Linehan moved to approve the FY 22 DPW Administration Budget in the amount of \$429,847, seconded by Mr. Pierce, voted 5 – 0 – 0.

Mr. Coburn = yes

Ms. Coughlin = log-in difficulty, did not vote

Mr. Evans = yes

Mr. LaFleur = yes

Mr. Linehan = yes

Mr. Pierce = yes

Public Works - Municipal Energy

9-Feb-21



Department: Line item budget

Description		2018 Actual	2019 Actual Expense	2020 Actual Expense	2021 Appropriated	2022 Proposed	2021 vs. 2022 \$ (+/-) % (+/-)	
Street Lighting								
Street Lighting	¹	95,812	142,772	111,908	106,000	106,000	0	0.00%
Contractual Services	²	85,500	123,220	54,464	95,500	95,500	0	0.00%
Buildings								
Building Electricity	³	624,100	595,742	487,881	652,600	660,000	7,400	1.13%
Building Fuel Oil & Natural Gas	⁴	145,000	136,031	131,524	146,000	179,400	33,400	22.88%
Vehicles								
Gasoline	⁵	526,700	490,344	385,222	440,000	427,500	-12,500	-2.84%
Total Purchased Services		1,477,112	1,488,110	1,170,998	1,440,100	1,468,400	28,300	1.97%
Holiday Lighting	⁶	2,000	3,347	6,088	3,000	1,500	-1,500	-50.00%
Supplies		2,000	3,347	6,088	3,000	1,500	-1,500	-50.00%
Total Energy Expense		1,479,112	1,491,457	1,177,087	1,443,100	1,469,900	26,800	1.86%

Footnotes:

Purchased Services:

¹ Street Lighting - Energy and hardware costs for all street and traffic lights

² Contractual Services - Cost to maintain and repair street and traffic lights throughout the town. Consulting and contracting for energy management services.

³ Building Electricity - Cost of electricity for municipal buildings.

⁴ Building Fuel Oil & Natural Gas - Cost for natural gas and fuel oil for hot water and heat for municipal buildings.

⁵ Gasoline - Cost of all fuel used in municipal vehicles. Includes unleaded fuel, ultra-low sulfur diesel, efficiency additives, and propane gas.

Supplies:

⁶ Holiday Lighting - Costs associated with holiday lighting.

Municipal Energy

Mr. Evans said that we reviewed this budget in detail at the previous meeting and asked Mr. Marsette to provide a brief overview and specify any changes. Mr. Marsette said this budget covers all of the energy usage for municipal buildings, excluding the school buildings (Police and Fire stations, DPW, Town Hall, the Libraries, and the Community Senior Center) and includes electricity and natural gas. It

also includes the town's fuel depot off of West Street, for fueling all of town trucks and vehicles, diesel, and unleaded. It also funds electricity for streetlights, illumination and traffic signals, and funds contractual services for the maintenance of those items, through vendors for streetlight replacement or traffic signal repair. There's also a small budget line in here for holiday lighting. The Riverbend School came back into the inventory (previously the town wasn't responsible for the energy usage under the prior long-term lease agreement. We also added the Eliot School in South Natick so the town is now responsible for the utilities and the maintenance and the upkeep of that property as well. We have budgeted to include those expenses for FY 22 since they are being actively used for NPS (and others) after-school programs (the ASAP program that was previously housed in East School) and there is a fair increase to their heating expense, as reflected in the increased budget for fuel oil and natural gas. Most of that increase is due to the fuel oil to heat the Eliot School, as it gets an oil delivery every four days or so now. This is partly because it's an older building with an oil-based heater and partly due to COVID in that they're required to keep some of the windows open to improve air circulation. We're optimistic that, some of those COVID related expenses may be reimbursed, but for now we have to budget as we will have to include it in our budget. Also included is the new traffic signals on Mill Street related to the Kennedy Middle School (traffic signals were funded as part of the KMS project and rooftop solar and solar panels above the parking areas at KMS will help reduce electricity requirements allow this is a larger building in the prior school) should require some modest amount of electricity cost to operate that signal, but we wouldn't anticipate a lot of maintenance in the near term. We also are factoring the electricity requirements associated with the new West Natick Fire Station (again the traffic lights are funded as part of the project, but the town must pay the energy costs and ongoing maintenance). It's hard to predict the energy use in the WNFS - although it's a bigger building, the systems will be much more efficient and it has rooftop solar panels to generate electricity. We have long-term supply agreements for the supply of electricity, so we know what that's going to be for this fiscal year. The unknown cost that we need to estimate more is the distribution of electricity for EverSource to provide that electricity to us.

Questions from the Committee

Mr. Linehan asked who is responsible for closing windows when the Eliot School is closed for the day. Mr. Marsette said building monitors do that at the end of their activities and the windows only stay open when the room or building is occupied. But, but even so, having the windows open certainly affects the amount of heat and energy consumed in the building. Longer-term, the town is evaluating the eventual re-use of the Eliot School or disposition thereof. If the town opts to utilize the Eliot School for a longer period of time, it's likely that we would install a natural gas heating system that would provide greater efficiency at lower cost.

Mr. Linehan asked whether HEPA mechanical filtering or electrostatic filtering or room-sized ultraviolet light units are being used at the Eliot School. Mr. Marsette said he could not definitively say, but could check on it and noted that the town has done this in its other buildings, including Johnson School, for example. Since it is being used for NPS programs, expenses incurred may be eligible for reimbursement through COVID relief.

Mr. Linehan asked whether there is a formula that specifies a certain amount of throughput through those machines so you can cut down the degree to which windows must be open. Mr. Marsette said there is a formula that's dependent on the size of room and number of occupants, and the town is trying to balance safety and energy usage. Mr. Evans added that from his work on the Education and Learning subcommittee, even with the individual room UV lighting and other PPE, they keep the windows open all the time until no one is left in that particular classroom and they close the door behind them.

Mr. Linehan noted that the budget only lists gasoline and suggested that it should say "gasoline and diesel" Mr. Marsette agreed that the description is a little misleading but that is the line item that has been put in the MUNIS financial system, but it's fuel for vehicles - low- sulfur diesel and unleaded gasoline. Mr. Marsette said he is forecasting a similar amount of usage, but based on the current costs, we're able to take a bit of a reduction in the budget line based on our anticipated cost per gallon.

Mr. Marsette noted that energy use during COVID has been interesting. Last spring, there was a sizable reduction in energy usage is because buildings were not being used. As a result, we were able to turn back those savings into the budget and have them fall to free cash. This year, and into FY 22, energy use is much greater as the buildings are open and operating in a safe manner with windows partially open.

Mr. LaFleur asked whether the town can cross-bill to the to the school budget for this. Mr. Evans said he didn't know, but noted that NPS is not included in the indirect costs, but noted that it's going to be in the budget somewhere, either in the school budget that we have to fund or in the DPW Energy budget that we have to fund. Hopefully, we can get some COVID relief to alleviate the cost.

Mr. LaFleur noted that there was a significant drop in holiday lighting expense from FY 21 to FY 22 and asked whether that means the town is cutting this back or are we in a good place financially with our investments in holiday lighting. Mr. Marsette said that, over the last few years, the town replaced its holiday lighting with LED lighting that lasts longer so we don't have to replace as much each year.

Mr. Linehan moved to recommend on the DPW municipal energy budget for FY 22 of \$1,469,900, seconded by Mr. LaFleur, voted 5 – 0 – 0.

Mr. Coburn = yes

Mr. Evans = yes

Mr. LaFleur = yes

Mr. Linehan = yes
Mr. Pierce = yes

Public Works - Engineering

9-Feb-21



Department: Line item budget

Description		2018 Actual	2019 Actual Expense	2020 Actual Expense	2021 Appropriated	2022 Proposed	2021 vs. 2022 \$ (+/-)	2021 vs. 2022 % (+/-)
SALARIES SUPERVISORY	¹	102,657	107,841	116,959	111,546	111,546	0	0.00%
SALARIES TECHNICAL/PROFESSNL	²	244,135	262,083	326,235	351,351	353,035	1,684	0.48%
SALARIES PART-TIME	³	65,928	32,797	15,565	69,207	69,207	0	0.00%
SALARIES ADDL COMP SUPERVISORY		28,800	30,200	35,600	40,600	40,600	0	0.00%
Personnel Services		441,520	432,921	494,359	572,704	574,388	1,684	0.29%
LICENSES CDL & SPECIAL	⁴	4,500	2,701	2,916	4,500	3,500	-1,000	-22.22%
EQUIPMENT REPAIRS/SERVICING	⁵	3,000	4,370	1,560	3,750	3,500	-250	-6.67%
Purchase Services		7,500	7,071	4,476	8,250	7,000	-1,250	-15.15%
ENGINEERING CONSULTANT	⁶	10,500	4,044	19,376	15,000	15,000	0	0.00%
STORM WATER PERMIT COMPLIANCE	⁷	80,000	12,730	26,092	30,000	45,000	15,000	50.00%
Technical & Professional Services		90,500	16,774	45,469	45,000	60,000	15,000	33.33%
ENGINEERING SUPPLIES	⁸	5,300	5,938	4,227	6,450	6,000	-450	-6.98%
Other Supplies		5,300	5,938	4,227	6,450	6,000	-450	-6.98%
Total Engineering		544,820	462,704	548,531	632,404	647,388	14,984	2.37%

Footnotes:

Salaries

- ¹ Supervisory - Salary for the Town Engineer
² Operational - Salaries for the Assistant Town Engineer, Project Engineer, and CAD/GIS Technician
³ Part-Time - Salaries for the part-time Co-Op Student and part-time Construction Inspectors

Purchased Services

- ⁴ Licenses CDL & Special - Massachusetts Professional Engineer license fees, yearly dues and memberships to various engineering organizations, and costs for misc. seminars and technical training.
⁵ Equipment Repairs/Servicing - Repair and yearly service contract costs for engineering plotters, copy machines, survey equipment, and misc. office equipment

Technical & Professional Services

- ⁶ Engineering Consultant - Costs for outside consulting services for preparing easement plans. Misc. engineering software training. Phase I inspections for the Charles River Dam and Jennings Pond Dam as required by the Department of Conservation and Recreation Office of Dam Safety. Preparation and recording costs associated with street acceptance plans and documents.
⁷ Storm Water Permit Compliance - Costs to implement and complete stated goals for MS4 Stormwater Permit. EPA unfunded mandate.

Other Supplies

- ⁸ Engineering Supplies - Misc. costs for office supplies including specialty paper for plotters, printers, and engineering copy machine. Costs for survey supplies such as stakes, measuring tape, and marking paint, etc.

Engineering Division

Mr. Marsette stated that the Engineering Division did a superb job in difficult circumstances, enabling the town complete all the planned capital projects (roadways, water, sewer). It took a great deal of effort and flexibility to deliver these capital projects during the pandemic – deferring those projects would have increased their costs. A project engineer is eligible for a step increase and that's reflected in the salaries. We've reduced a handful of expense lines to what we anticipate the need is and the main increase is to address the need for administration of the town's Municipal Separate Storm Sewer System Permit (MS4). The engineering division is responsible for overseeing the management of MS4 and, as we discussed last week, there are additional requirements for either reporting, data gathering studies, sampling at the outfalls. In the FY 22 budget, we have to accommodate the preparation and update of Stormwater Pollution Prevention Plans at a number of various town facilities. So, the consultant needs to help us identify what needs to go into those, what inspections need to be done, and identified the reports that we need to generate on a regular basis to comply with MS4, an increase in the consulting line item. The town is also required to test all the outfalls with a pipe that stormwater discharges to water bodies, we have to test in dry and wet weather for a number of potential contaminants. And each year, there are more things that we need to do in these tests. Also coming up shortly is this townwide phosphorus management plan that needs to be developed and submitted so we can show that, as a community, we're reducing the amount of phosphorus load to the receiving water bodies from our stormwater system.

Mr. Linehan noted the extremely modest increase in the salaries line item and asked for clarification. Mr. Marsette said what's reflected here and presented our budgets as our normal practice is based on the currently approved collective bargaining agreements. Most people in this division are collectively bargained and all, except for one, are at the top step. Any CBA for future contracts are accommodated elsewhere in the town's budget.

Mr. LaFleur asked whether there were fees to the EPA for the MS4 permit or is the expense for consultants to assist the town in meeting the requirements of the MS4 permit. Mr. Marsette said the town doesn't pay a fee to EPA for the permit. It's consulting costs, testing costs, equipment, supplies cost. Where possible, we do sampling ourselves, but most of the time we have to hire out to do the sampling that's required.

Mr. LaFleur noted a significant drop in equipment repairs and service from FY 20 to FY 21 and asked was this due to COVID. Mr. Marsette said it is not COVID-related. We were fortunate that we need to spend as much on equipment repairs and service for equipment such as the large plotters, CAD systems, or survey equipment that are required to complete our operations.

Mr. Linehan moved to recommend Favorable Action on the DPW Engineering Budget proposed for FY 22 for \$647,388, seconded by Mr. LaFleur, voted 4 – 0 – 0.

Mr. Coburn = yes

Mr. Evans = yes

Mr. LaFleur = yes

Mr. Linehan = yes

Mr. Pierce = technical difficulties, no vote.



Department: Line item budget

Description		2018	2019	2020	2021	2022	2021 vs. 2022	
		Actual	Actual Expense	Actual Expense	Appropriated	Proposed	\$ (+/-)	% (+/-)
SALARIES SUPERVISORY	¹	98,285	93,650	103,693	106,796	106,796	-	0.00%
SALARIES OPERATIONAL STAFF	²	427,939	399,845	438,291	484,228	484,270	42	0.01%
SALARIES OPERATIONAL O/T		28,578	28,059	20,502	30,328	30,328	-	0.00%
SALARIES ADD'L COMP SUPERVISORY		13,084	7,900	7,900	8,700	8,700	-	0.00%
SALARIES ADD'L COMP OPER		3,505	1,976	2,932	2,280	2,280	-	0.00%
Personnel Services		571,391	531,430	573,318	632,332	632,374	42	0.01%
RENTAL OF UNIFORMS		5,000	7,002	8,958	7,000	13,000	6,000	85.71%
VEHICLE INSPECTION - STICKERS		14,500	17,903	15,864	18,000	18,500	500	2.78%
VEHICLE SUPPLY OIL		20,000	17,274	21,819	22,500	23,500	1,000	4.44%
RADIO EQUIP REPAIRS/REPLCMNT		5,800	3,888	15,138	5,800	5,800	-	0.00%
Purchased Services		45,300	46,067	61,778	53,300	60,800	7,500	14.07%
CLOTHING OPERATIONAL	³	4,200	4,850	5,604	5,500	5,500	-	0.00%
LICENSES CDL & SPECIAL		400	285	395	450	450	-	0.00%
VEHICLE SUPPLIES TIRES/TUBES		66,000	69,372	93,905	80,000	82,000	2,000	2.50%
VEHICLE SUPPLIES PARTS		210,000	393,378	425,715	295,000	335,500	40,500	13.73%
VEHICLE BODY DAMAGE & REPAIRS		7,500	13,803	14,272	9,000	10,000	1,000	11.11%
SHOP SUPPLIES	⁴	10,000	14,508	12,875	12,500	13,500	1,000	8.00%
GENERATOR MAINTENANCE	⁵	16,000	40,240	42,435	40,000	40,000	-	0.00%
Supplies		314,100	536,436	595,201	442,450	486,950	44,500	10.06%
SURPLUS EQU PURCHASE	⁶	5,000	2,161	0	5,000	5,000	-	0.00%
Other Capital Outlay		5,000	2,161	0	5,000	5,000	-	0.00%
Total Equipment Maintenance		935,791	1,116,094	1,230,297	1,133,082	1,185,124	52,042	4.59%

Footnotes:**Salaries:**¹ Supervisory - Equipment Maintenance Supervisor² Operational - Mechanic/Welders for fleet and equipment maintenance**Supplies:**³ Clothing Operational - Tool allowance, seasonal safety clothing, safety boots per union contract⁴ Shop Supplies - Shop tools, rags, small equipment, misc. supplies, and meeting registrations.⁵ Generator Maintenance - Parts and services for repair and routine maintenance of stand-by electrical generators for all Town buildings**Other Capital Outlay:**⁶ Surplus Equipment - Purchase of surplus, demo, and used equipment and trucks

Equipment Maintenance

Mr. Evans noted that he was amazed when Mr. Marsette talked about the vehicles and equipment that the EM Division is responsible to maintain and repair. Mr. Marsette agreed and stated that Mr. Fisher was in the garage until around 11 o'clock last night making sure that things were working for the snowstorm last night and they do an excellent job not only for all the public works vehicles, but for police vehicles, ambulances, fire trucks, you name it. The repair and the maintenance of those critical pieces of equipment are accommodated in this budget. When you're talking about high-value critical vehicles and equipment, if something goes wrong, we need to fix it soon as possible. It's hard to plan for this and that's why you see some variation in some of these budget lines. We do our best to fix it in-house or hire the appropriate outsourced help. In general, there aren't many changes:

- on the salary side everyone is subject to collective bargaining and they happen to be at the top steps in their jobs
- We have we a new contract for rental uniforms and are fully staffed for the first time in a long time that accounts for the increase in the uniforms line item.
- We work on a multi-year approach to bring vehicle supplies and parts line into more of an average funding level. We use our vehicle records to try to anticipate a repair and maintenance expenses as best we can and to be as predictable as we can over budget years, rather than be too high / too low. We've been trying to adjust this upwards. Generally, we generally do overspend based on unforeseen circumstances, especially on critical vehicles, but we carefully monitor the spending in this budget, to be mindful of the bottom line. So, we're taking a sort of a moderate, sustained approach to funding this budget.
- Mr. Marsette said he believes EM changed their policy on tire replacement for our larger vehicles and that led to a spike on vehicle supplies and parts. This policy is to cap the usage of used tires and having a mileage limit and age limit on putting a retread on a tire. And where we previously used retread tires on the front, now we're not allowing them on the front, but allowing them on the back.

Questions from the Committee

Mr. Linehan acknowledged that the full staffing led to the increase in uniform rental costs but requested an explanation for why this happened. Mr. Marsette said the cost and frequency of uniform rentals is under a state bid contract and it seems that the state did not shop around to get the best price and the best value. It is a contractual obligation to provide these uniforms.

Mr. LaFleur asked what was meant by salaries, additional comp for supervisory and operations. Mr. Marsette said the Supervisor, as a salaried employee, is not eligible for overtime. There are various stipends, and other compensation that are included in the collective bargaining agreement for those two contracts that are that are covered here, and they fall under those budget lines.

Mr. LaFleur asked whether contractual obligations include training. Mr. Marsette said they are entitled to:

- A certain amount of training in a given year
- if they hold a license that eligible for reimbursement.
- If they hold a degree, college degree, then they may be eligible for something.

Mr. Linehan noted that he thought some firefighters were manning the plows out of necessity and the level of snow and asked whether that practice continues, and whether that shows up in the DPW budget or the fire budget. Mr. Marsette said this would show up under the snow and ice budget. This year, because of our COVID needs, we have more flexibility. Fewer contractors want to plow for, using their own equipment, carrying their own insurance and using their own driver. We have hired seasonal help through the winter just like we do in the summer and they are hired them through this winter. And we've been fortunate to have some retired DPW employees come in and be a seasonal workforce and plow using our vehicles. They are paid a part-time wage through the snow and ice budget.

Mr. Evans asked what the balance of the DPW Surplus Vehicle revolving fund is. Mr. Marsette said the balance is \$451,653. As you know, we have used this as a funding source, specifically identified on the capital plan, because that that account has grown substantially. Instead of being at the discretion of the Town Administrator for opportunistic purchases, we are able to use this to fund the purchase of capital equipment without borrowing funds. This is particularly useful given that we are trying to keep our borrowing at a reasonable level in FY 22

Mr. Linehan moved to recommend approval of the proposed FY 22 DPW Equipment Maintenance budget in the amount of \$1,185,124, seconded by Mr. Pierce, voted 5 – 0 – 0.

Mr. Coburn = yes

Mr. Evans = yes

Mr. LaFleur = yes

Mr. Linehan = yes

Mr. Pierce = yes



Department: Line item budget

Description		2018	2019	2020	2021	2022	2021 vs. 2022	
		Actual	Actual Expense	Actual Expense	Appropriated	Proposed	\$ (+/-)	% (+/-)
SALARIES SUPERVISORY	¹	101,564	107,780	113,016	110,359	110,359	0	0.00%
SALARIES OPERATIONAL STAFF	²	1,385,321	1,301,843	1,345,772	1,402,672	1,398,850	-3,822	-0.27%
SALARIES PART TIME OPERATIONAL	³	40,500	35,577	34,715	48,242	48,242	0	0.00%
SALARIES OPERATIONAL O/T		165,548	204,897	202,212	177,404	177,404	0	0.00%
SALARIES ADDL COMP SUPERVISORY		6,500	13,303	11,750	13,250	13,250	0	0.00%
SALARIES ADD'L COMP OPER		17,178	17,862	15,730	16,500	16,500	0	0.00%
Personnel Services		1,716,611	1,681,261	1,723,195	1,768,427	1,764,605	-3,822	-0.22%
REPAIRS/MAINTENANCE OTHER	⁴	3,319	3,211	2,654	3,400	3,400	0	0.00%
ENVIRON MONITORING ENGINEER	⁵	31,500	25,231	11,949	38,500	38,500	0	0.00%
BRUSH GRINDING		9,600	12,500	6,900	12,500	12,500	0	0.00%
TEST/DISPOSAL ST SWEEPINGS		22,000	10,335	4,977	30,000	30,000	0	0.00%
PURCHASE OF SAND/GRAVEL		12,000	7,694	0	14,000	14,000	0	0.00%
PURCHASED SERVICES MISC	⁶	2,100	55	0	2,500	2,500	0	0.00%
PURCH SERV-CRACKED SEALING		36,300	0	80,000	40,000	40,000	0	0.00%
LANDFILL CAP MAINTENANCE	⁷	6,500	1,500	6,017	6,500	6,500	0	0.00%
GAS/FLARING STA MAINTENANCE	⁸	17,500	33,992	70,254	35,000	35,000	0	0.00%
CONDENSATE DISPSL FLARING STA	⁹	2,500	2,343	7,499	3,500	3,500	0	0.00%
Purchased Services		143,319	96,861	190,251	185,900	185,900	0	0.00%

Footnotes:**Salaries:**¹ Supervisory - Supervisor of Highway and Sanitation² Operational - Twenty-six support staff to maintain roads, collect trash & recycling, and operate the recycling center³ Part Time Operational - Police details, and seasonal employees for highway and sanitation related work**Purchased Services**⁴ Repairs/Maintenance Other - Communications telephone, cable, mobile phone services, misc. purchased services.⁵ Environ Monitoring Engineer - Compliance costs for West Street municipal landfill.⁶ Purchased Services Misc - Membership dues, training, certifications, etc.⁷ Landfill Cap Maintenance - Repairs and maintenance of the 34 acre West Street municipal landfill in accordance with State and Federal Regulations.⁸ Gas/Flaring Sta. Maintenance - Maintenance and operational expense for the natural gas collection system and flaring station at the West Street municipal landfill.⁹ Condensate Displ. Flaring Sta. - Testing and disposal of liquid condensate from the operation of the flaring station at the West Street municipal landfill.



Public Works - Highway & Sanitation

7-Feb-21

Description		2018	2019	2020	2021	2022	2020 vs. 2021	
		Actual	Actual Expense	Actual Expense	Appropriated	Proposed	\$ (+/-)	% (+/-)
CLOTHING OPERATIONAL		8,750	8,750	8,750	9,200	9,200	0	0.00%
LICENSES CDL & SPECIAL		595	699	595	1,150	1,150	0	0.00%
TRAFFIC MARKS & SIGNS		95,000	59,120	106,110	98,000	98,000	0	0.00%
PAY AS YOU THROW SUPPLIES		155,700	141,701	164,505	160,250	171,000	10,750	6.71%
RECYCLING CENTER MAINT/SUPPLY	¹⁰	5,000	4,887	2,836	5,000	5,000	0	0.00%
MAINTENANCE MATERIALS	¹¹	52,500	42,904	46,292	55,000	55,000	0	0.00%
OFF STREET DRAINAGE	¹²	14,000	24,980	7,305	17,000	17,000	0	0.00%
CATCH BASIN CLEANING	¹³	0	2,990	44,418	70,000	70,000	0	0.00%
COMPOST/RECYCLING BINS		13,000	20,267	13,000	15,000	15,000	0	0.00%
OTHER SUPPLIES MISCELLANEOUS	¹⁴	8,000	8,124	5,924	8,300	8,300	0	0.00%
Supplies		352,545	314,421	399,734	438,900	449,650	10,750	2.45%
HOUSEHOLD HAZARDOUS WASTE	¹⁵	16,000	18,461	8,506	18,500	18,500	0	0.00%
TIPPING FEE YARD WASTE		21,500	19,482	20,544	26,000	26,000	0	0.00%
TIPPING FEE SOLID WASTE	¹⁷	474,300	504,302	480,794	505,500	510,500	5,000	0.99%
RECYCLING CURBSIDE	¹⁸	5,000	0	9,445	340,000	340,000	0	0.00%
RECYCLING PUBLIC EDUCATION		3,500	0	5,298	3,500	3,500	0	0.00%
TRASH HAULING TOLLS		4,000	3,944	4,800	5,500	5,500	0	0.00%
STREET & SIDEWALK MAINTENANCE	¹⁹	165,000	156,063	534,944	175,000	175,000	0	0.00%
Other Charges/Expenses		689,300	702,253	1,064,331	1,074,000	1,079,000	5,000	0.47%
Total Highway, Sanitation, Recycling		2,901,775	2,794,795	3,377,511	3,467,227	3,479,155	11,928	0.34%

Footnotes:

Supplies:

¹⁰ Recycling Center Maint/Supply - Supplies for operations at the West Street Recycle Center, including tarps for roll-off containers, spill containment items, cleaning supplies, etc.

¹¹ Maintenance Materials - Tools (saws, blowers, rollers, wheel barrows, shovels, etc.), safety equipment, cold patch, and other equipment.

¹² Off Street Drainage - Drainage system repair materials (block, brick, catch basins, manholes, pipe, etc.) and other equipment for stormwater drainage work.

¹³ Catch Basin Cleaning - Cost to cleaning stormwater drainage system and remove sediment and debris from catch basins, manholes, and stormwater detention/treatment facilities. Compliance requirements of the Town's MS4 Stormwater Permit issued by the US EPA and MaDEP.

¹⁴ Other Supplies Misc. - Gloves, cleaning products, dumpster covers, spill equipment, and safety supplies.

Other Charges/Expenses:

¹⁵ Household Hazardous Waste - Costs associated with the proper disposal of household and municipal hazardous waste (waste oil, paint and paint related materials, fluorescent lamps, light ballast, etc.).

¹⁶ Snow & Ice Removal - Includes road salt/sand, staff over-time, equipment repair, and contractors for snow removal services.

¹⁷ Tipping Fees Solid Waste - Disposal costs of household and municipal solid waste.

¹⁸ Recycling Curbside - Disposal costs for household and municipal recyclable materials.

¹⁹ Street & Sidewalk Maintenance - Costs to repair roadways, curbing, wheelchair ramps, and sidewalks (bituminous concrete, cement concrete, curbing, castings, roadway base course, etc.).

Highway and Sanitation

This budget is a two-page budget. There is very little change on the first page as it is level funded. We will see a small reduction in salaries operational staff due to employees leaving and adding replacement. (-\$3822 or 0.27%). Most of the expenses on this page are related to maintenance of the town's landfill, whether it be the gas collection system, the groundwater monitoring, the condensate collection, the flare station, testing and disposal street sweeping, brush grinding, and the like.

The second page includes the sanitation costs for disposal of solid waste that we bring to the Millbury incinerator and we have a 20 year contract that runs through 2026 and this fee is indexed by a CPI calculation. We forecast how many tons we will be hauling there, what the cost per ton will be and that calculation is included and uploaded on ClearGov if you want to get into detail. But that's based on a CPI index. It also includes the disposal or processing and disposal and re-use of single stream recycling, which is a relatively new cost that the town is set to assume based on the recycling market, I have highlighted in yellow (\$340,000). We've calculated this number and included it in this budget line back in October and there may be an opportunity to revisit that number. But I want to talk this through with the Interim Town Administrator and Mr. Townsend, as far as our comfort level. We've forecasted a cost of \$80 per ton, and over the last few months, the cost per ton is been hovering in the mid-\$60s per ton. which means that we're spending less per ton on our recycling than it costs to dispose of the trash, which is the way it should be; and it wasn't that way for a little while, so the recycling market is looking better. So, looking forward to FY 22, this is one of those budget lines where we need to do a risk assessment on how low we can reduce it and feel comfortable with that number.

The drivers for the recycling market turning in our favor include:

- The initial shock was that China changed its policies and stopped taking in paper and plastic recyclables and there no other countries that expanded their markets. So the local recycling facilities have found markets.
- We are contracted currently, with Casella, based in Auburn, MA and our contract is a flat cost to process per ton, but then we get a share of the profit when they market it and sell it, which reduces our cost per ton.. So the better the market, the better our price.

Questions from the Committee

Mr. Evans said, in the last meeting, you said you were contemplating possibly moving away from single stream. Mr. Marsette said they are looking at a second pilot that would encompass not only organics recycling, which was what we piloted a couple years ago which led to a partnership with a private hauler called Black Earth. This pilot study wasn't really cost-effective and we opted not to make it a townwide program and incorporate it into the municipal operations. We want to try another type of pilot called co-collection that would encompass food waste and organic waste to get that out of the solid waste stream, but also segregate paper and plastic and collect everything in the same vehicle. Again, we would like to pilot this on a smaller scale to see if it works. We would use the same recycling vehicles we currently have and same technology and see if we can leverage the market even more. Generally, paper recycling is more profitable than plastic recycling so separating those sections may make them more marketable. Removing the food and organic waste which is heavy and wet would help reduce the solid waste tipping fee. We planned to try to do that this past year, but it was delayed by COVID. We are seeking grant funding to assist with this pilot.

Mr. Pierce asked why the PAYT supplies are increasing. Mr. Marsette said this figure is based on the forecast of how many large and small bags we sell each year and we have a contract with a vendor to supply those at as a price per bag. That contract is actually coming up for review so this cost is necessarily higher than FY 22 to ensure that we are well-positioned to either renegotiate or go to competitive bidding for a three year contract..

Mr. Linehan asked how the separation of the trash and recycling streams would occur. Mr. Marsette said that is another objective of this co-collection pilot. People's kitchens aren't set up to accommodate different barrels or different bags. So, we need to gauge what the public's appetite is for co-collection and determine if there is is true benefit and it's worth the effort. On page 138 in the budget book there is a chart that shows the volume of solid waste and recycling year-over-year, and it also has the recycling rate. Natick has a very high recycling rate relative to our peer communities with well over 30% recycling. We have done several waste audits, one quite detailed, two years ago as part of the food waste pilot and it showed that our single stream recycling was very clean without much contamination and our vendor likes this and this could help us when we negotiate a new contract. When we haul our recycling to Auburn, it's dumped on the tipping floor so that our trucks back in and dump their load. Our recycling partner does spot checks and notifies us when we are in violation. We have never been fined for contamination or recycling

Mr. Linehan asked whether the proceeds from the PAYT supplies goes into the general fund. Mr. Marsette said that's correct and the expense in our budget is the actual cost of the bag. The retail price in the stores is a fair amount more than that and generates a little over \$1 million to the general fund revenue source to cover the cost of trash pickup, tipping fees, and recycling fees.

Mr. Coburn asked for confirmation that when it comes to pricing a municipal service, the total amount collected is limited by a ceiling of any direct or reasonably indirect costs. Mr. Marsette confirmed that is correct - it has to be based on a real cost and the actual expense. The PAYT bags supplement the DPW sanitation program budget but certainly cannot fully fund it.

Mr. Linehan moved Favorable Action on the FY 22 DPW Highway and Sanitation budget for a total of \$3,479,155, seconded by Mr. Pierce, voted 5 – 0 – 0.

Mr. Coburn = yes

Mr. Evans = yes

Mr. LaFleur = yes

Mr. Linehan = yes

Mr. Pierce = yes



Department: Line item budget LFNR

Description		2018 Actual	2019 Actual	2020 Actual Expense	2021 Appropriated	2022 Proposed	2020 vs. 2021	
							\$ (+/-)	% (+/-)
SALARIES SUPERVISORY	¹	98,285	104,301	105,103	106,796	106,796	\$0	0.00%
SALARIES OPERATIONAL STAFF	²	429,432	405,334	427,363	492,405	612,535	\$120,130	24.40%
SALARIES PART TIME OPERATIONAL	³	38,723	38,155	45,809	45,933	45,933	\$0	0.00%
SALARIES OPERATIONAL O/T		32,786	61,457	34,272	35,300	35,300	\$0	0.00%
SALARIES ADDL COMP SUPERVISORY		9,300	9,900	9,700	9,700	9,700	\$0	0.00%
SALARIES ADD'L COMP OPER		5,115	5,946	5,715	6,035	6,035	\$0	0.00%
Total Personnel Services		613,641	625,092	627,962	696,169	816,299	\$120,130	17.26%
PURCHASED SERVICES MISC		5,250	5,772	5,350	5,400	5,400	\$0	0.00%
Total Purchased Services		5,250	5,772	5,350	5,400	5,400	\$0	0.00%
CLOTHING OPERATIONAL		2,500	2,800	2,850	2,850	2,850	\$0	0.00%
LICENSES CDL & SPECIAL		300	240	350	350	350	\$0	0.00%
FIELD MAINTENANCE MATERIALS	⁴	132,250	165,736	171,720	172,500	172,500	\$0	0.00%
PLAYGROUND MATERIALS	⁵	30,000	34,891	35,500	36,000	36,500	\$500	1.39%
BEACH MAINTENANCE MATERIALS	⁶	600	243	600	600	600	\$0	0.00%
TOOLS & HARDWARE		21,120	23,090	23,000	33,000	33,000	\$0	0.00%
PLANTING SUPPLIES	⁷	10,000	15,200	20,080	40,080	40,080	\$0	0.00%
IRRIG PUMP TEST & CALIBRATION	⁸	6,000	8,134	8,280	8,300	8,300	\$0	0.00%
Supplies		202,770	250,334	262,380	293,680	294,180	\$500	0.17%
TREE SERVICE CONTRACT	⁹	75,300	92,294	98,415	133,500	133,500	\$0	0.00%
MOWING SERVICE CONTRACT	¹⁰	71,510	70,336	105,765	201,000	201,000	\$0	0.00%
Technical & Professional Services		146,810	162,630	204,180	334,500	334,500	\$0	0.00%
Total LFNR		968,471	1,043,828	1,099,872	1,329,749	1,329,749	120,630	9.07%

Footnotes:

¹ Supervisory - Division Supervisor and Tree Warden

² Operational - Eight support staff to maintain land facilities, parks, athletic fields, and street trees.

³ Part Time Operational - Police details and seasonal employees for grounds-related work

Supplies:

⁴ Field Maintenance Materials - Pellet lime, fertilizer, infield conditioner, infield mix, pesticides, contractual pesticides and herbicides applications, bark mulch, grass seed,

loam, topdressing materials, fencing, etc.

⁵ Playground Materials - Resilient playground surfacing replacement and misc. supplies for repair.

⁶ Beach Maintenance Materials - Beach sand, turn boards, fence repairs, and repairs to the piers and playground equipment.

⁷ Planting Supplies - Replacement and supplemental landscape plantings and supplies (trees, flowers, etc.).

⁸ Irrig. Pump Test & Calibration - Lawn/field irrigation parts, tests, maintenance/upgrades, and contracted services.

Technical & Professional Services:

⁹ Tree Service Contract - Pruning and removal work done by outside contractors. This also includes poison ivy control for parks and school grounds. Various treatments for tree care and health.

¹⁰ Mowing Service Contract - Mowing of 16 sites covering 54 acres of grass and other grounds services performed by outside contractors.

Mr. Linehan moved to recommend approval of the proposed FY 22 DPW Equipment Maintenance budget in the amount of \$1,329,749, seconded by Mr. LaFleur, voted 4 – 0 – 0.

Mr. Coburn = yes

Mr. Evans = yes

Mr. LaFleur = yes

Mr. Linehan = yes

Water & Sewer Enterprise Fund

Mr. Marsette noted that the proposed budget is in ClearGov. However, I've formatted those same numbers in a way that that you you've seen in the past that also more clearly differentiates the Water & Sewer Enterprise Fund budget and shows the historic actuals goes back to FY 18. It also shows the net increase or decrease from FY 21 to 22 2022 in \$1 amount and a percentage of the amount. The first page is the roll-up of the expenses within the Water & Sewer Enterprise Fund. Because it's an Enterprise Fund it's a self-sufficient separate accounting entity from the general fund so it has its own dedicated revenue source to offset its expenses. It's essentially a public utility, and funded by water and sewer rates based on consumption and use. Those revenues go into a dedicated Water & Sewer Enterprise Fund, and all expenses thereof are allocated. Any expenses borne outside the Enterprise Fund by the general fund are covered in indirect expenses that are calculated each year. Indirect expenses are revenue to the general fund side, acknowledging that some salaries or expenses funded in the general fund that contribute to the operation of the Water & Sewer Enterprise Fund. The Water & Sewer Enterprise Fund consists of four different entities: 1) the physical water division for the water supply, 2) the sanitary sewer for wastewater, 3) Utility Billing where some DPW staff and expenses that sit in the collector's office budget in town hall., and 4) various overhead expenses, employee benefits, debt service, etc.

This gives you the overall roll-up of the Water & Sewer Enterprise Fund which shows an overall reduction of 0.74%. **On February 18, Mr. Marsette said the actual MWRA sewer rates came in lower projected – this lowers the water and sewer Enterprise Fund by 2.55%. I've included the original budget that we voted on as well as the new budget provided on February 18.** I've highlighted the indirect expense here for FY 22. That is a different number than you seen in the published ClearGov budget, but it is the correct number on the calculation sheet for the indirect expenses of the Water & Sewer Enterprise Fund is found on page 271 and totals \$ 2,841,359.

ORIGINAL BUDGET – FEBRUARY 9, 2021

Water & Sewer

9-Feb-21

Water	2018 Actual	2019 Actual	2020 Actual	2021 Appropriated	2022 Proposed	2021 vs. 2022	
Salaries						\$ (+/-)	%(+/-)
Personnel Services	1,193,057	1,230,404	1,276,455	1,311,645	1,302,799	-8,846	-0.67%
Operating Expenses							
Purchased Services	439,452	419,584	504,925	531,349	537,828	6,479	1.22%
Other Services	16,202	18,173	24,552	24,000	24,000	0	0.00%
Tech./Prof. Services	56,374	60,601	52,991	62,500	114,000	51,500	82.40%
Supplies	69,782	73,813	182,712	74,700	76,700	2,000	2.68%
Other Supplies	243,447	234,283	226,632	245,000	248,000	3,000	1.22%
Other Charges	215,216	189,678	179,968	205,000	205,000	0	0.00%
Total Expenses	1,040,473	996,132	1,171,780	1,142,549	1,205,528	62,979	5.51%
Total Water	2,233,530	2,226,535	2,448,235	2,454,194	2,508,327	54,133	2.21%

Sewer	2018 Actual	2019 Actual	2020 Actual	2021 Appropriated	2022 Proposed	2021 vs. 2022	
Salaries						\$ (+/-)	%(+/-)
Personnel Services	793,453	768,186	800,056	838,850	837,643	-1,207	-0.14%
Operating Expenses							
Purchased Services	109,186	210,250	137,330	266,163	271,355	5,192	1.95%
Other Services	2,100	998	595	2,200	2,200	0	0.00%
Tech./Prof. Services	15,000	12,510	15,062	17,500	17,500	0	0.00%
Supplies	4,000	4,281	5,050	5,000	5,500	500	10.00%
Other Charges	6,189,540	6,089,534	6,180,476	6,505,760	6,759,760	254,000	3.90%
Total Expenses	6,319,826	6,317,573	6,338,513	6,796,623	7,056,315	259,692	3.82%
Total Sewer	7,113,279	7,085,759	7,138,569	7,635,473	7,893,958	258,485	3.39%

Utility Billing	2018 Actual	2019 Actual	2020 Actual	2021 Appropriated	2022 Proposed	2021 vs. 2022	
Salaries						\$ (+/-)	%(+/-)
Personnel Services	113,485	79,789	92,058	106,497	106,497	0	0.00%
Operating Expenses							
Supplies	89,000	58,322	43,893	89,000	74,000	-15,000	-16.85%
Total Expenses	89,000	58,322	43,893	89,000	74,000	-15,000	-16.85%
Total Utility Billing	202,485	138,110	135,951	195,497	180,497	-15,000	-7.67%

Employee Benefits	2018 Actual	2019 Actual	2020 Actual	2021 Appropriated	2022 Proposed	2021 vs. 2022	
						\$ (+/-)	%(+/-)
Medicare	30,554	27,464	28,611	32,726	32,581	-145	-0.44%
Insurance Group Health/Life	433,796	386,564	416,855	424,116	445,322	21,206	5.00%
LIUNA Pension	75,658	80,556	83,014	87,399	101,533	14,134	16.17%
Funding Schedule	296,128	315,114	337,172	383,604	383,604	0	0.00%
Total Employee Benefits	836,136	809,698	865,652	927,845	963,039	35,194	3.79%

Debt Service	2018 Actual	2019 Actual	2020 Actual	2021 Appropriated	2022 Proposed	2021 vs. 2022	
						\$ (+/-)	%(+/-)
Principal	1,976,150	1,991,591	1,976,271	1,990,352	1,652,352	-338,000	-16.98%
Interest	364,638	451,304	465,574	601,004	503,122	-97,882	-16.29%
Total Debt Service	2,340,788	2,442,895	2,441,845	2,591,356	2,155,474	-435,882	-16.82%

Reserve Fund	2018 Actual	2019 Actual	2020 Actual	2021 Appropriated	2022 Proposed	2021 vs. 2022	
						\$ (+/-)	%(+/-)
Total Reserve Fund	0	105,262	0	200,000	200,000	105,262	0.00%

Total Enterprise	12,726,218	12,808,260	13,030,251	14,004,365	13,901,296	-103,070	-0.74%
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Indirect Expenses		2,218,150	2,533,300	2,697,486	2,841,359	143,873	5.33%
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REVISED BUDGET – FEBRUARY 16, 2021

Water & Sewer

18-Feb-21

Water	2018 Actual	2019 Actual	2020 Actual	2021 Appropriated	2022 Proposed	2021 vs. 2022	
Salaries						\$ (+/-)	%(+/-)
Personnel Services	1,193,057	1,230,404	1,276,455	1,311,645	1,302,799	-8,846	-0.67%
Operating Expenses							
Purchased Services	439,452	419,584	504,925	531,349	537,828	6,479	1.22%
Other Services	16,202	18,173	24,552	24,000	24,000	0	0.00%
Tech./Prof. Services	56,374	60,601	52,991	62,500	114,000	51,500	82.40%
Supplies	69,782	73,813	182,712	74,700	76,700	2,000	2.68%
Other Supplies	243,447	234,283	226,632	245,000	248,000	3,000	1.22%
Other Charges	215,216	189,678	179,968	205,000	205,000	0	0.00%
Total Expenses	1,040,473	996,132	1,171,780	1,142,549	1,205,528	62,979	5.51%
Total Water	2,233,530	2,226,535	2,448,235	2,454,194	2,508,327	54,133	2.21%

Sewer	2018 Actual	2019 Actual	2020 Actual	2021 Appropriated	2022 Proposed	2021 vs. 2022	
Salaries						\$ (+/-)	%(+/-)
Personnel Services	793,453	768,186	800,056	838,850	837,643	-1,207	-0.14%
Operating Expenses							
Purchased Services	109,186	210,250	137,330	266,163	271,355	5,192	1.95%
Other Services	2,100	998	595	2,200	2,200	0	0.00%
Tech./Prof. Services	15,000	12,510	15,062	17,500	17,500	0	0.00%
Supplies	4,000	4,281	5,050	5,000	5,500	500	10.00%
Other Charges	6,189,540	6,089,534	6,180,476	6,505,760	6,505,760	0	0.00%
Total Expenses	6,319,826	6,317,573	6,338,513	6,796,623	6,802,315	5,692	0.08%
Total Sewer	7,113,279	7,085,759	7,138,569	7,635,473	7,639,958	4,485	0.06%

Utility Billing	2018 Actual	2019 Actual	2020 Actual	2021 Appropriated	2022 Proposed	2021 vs. 2022	
Salaries						\$ (+/-)	%(+/-)
Personnel Services	113,485	79,789	92,058	106,497	106,497	0	0.00%
Operating Expenses							
Supplies	89,000	58,322	43,893	89,000	74,000	-15,000	-16.85%
Total Expenses	89,000	58,322	43,893	89,000	74,000	-15,000	-16.85%
Total Utility Billing	202,485	138,110	135,951	195,497	180,497	-15,000	-7.67%

Employee Benefits	2018 Actual	2019 Actual	2020 Actual	2021 Appropriated	2022 Proposed	2021 vs. 2022	
Salaries						\$ (+/-)	%(+/-)
Medicare	30,554	27,464	28,611	32,726	32,581	-145	-0.44%
Insurance Group Health/Life	433,796	386,564	416,855	424,116	445,322	21,206	5.00%
LIUNA Pension	75,658	80,556	83,014	87,399	101,533	14,134	16.17%
Funding Schedule	296,128	315,114	337,172	383,604	383,604	0	0.00%
Total Employee Benefits	836,136	809,698	865,652	927,845	963,039	35,194	3.79%

Debt Service	2018 Actual	2019 Actual	2020 Actual	2021 Appropriated	2022 Proposed	2021 vs. 2022	
Salaries						\$ (+/-)	%(+/-)
Principal	1,976,150	1,991,591	1,976,271	1,990,352	1,652,352	-338,000	-16.98%
Interest	364,638	451,304	465,574	601,004	503,122	-97,882	-16.29%
Total Debt Service	2,340,788	2,442,895	2,441,845	2,591,356	2,155,474	-435,882	-16.82%

Reserve Fund	2018 Actual	2019 Actual	2020 Actual	2021 Appropriated	2022 Proposed	2021 vs. 2022	
Salaries						\$ (+/-)	%(+/-)
Total Reserve Fund	0	105,262	0	200,000	200,000	0	0.00%

Total Enterprise	12,726,218	12,808,260	13,030,251	14,004,365	13,647,296	-357,070	-2.55%
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Indirect Expenses		2,218,150	2,533,300	2,697,486	2,841,359	143,873	5.33%
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Water Division

Water Division

9-Feb-21

Description		2018 Actual	2019 Actual	2020 Actual	2021 Appropriated	2022 Proposed	2021 vs. 2022	
							\$ (+/-)	% (+/-)
Salaries								
SALARIES SUPERVISORY	¹	196,569.00	208,601.10	218,735	213,591	213,591	0	0
SALARIES OPERATIONAL STAFF	²	797,432.00	806,367.08	865,212	883,046	874,200	-8,846	-1.00%
MERIT PERFORMANCE/CBAS		22,400.00	-	-	-	-	0	0.00%
SALARIES PART TIME OPERATIONAL	³	33,437.00	15,706.01	16,303	43,500	43,500	0	0.00%
SALARIES OPERATIONAL O/T		95,000.00	146,505.16	121,441	116,688	116,688	0	0.00%
SALARIES ADD'L COMP SUPERVISOR	⁴	18,100.00	19,900.00	19,900	22,400	22,400	0	0.00%
SALARIES ADD'L COMP OPER	⁵	25,569.00	29,124.27	30,664	27,677	27,677	0	0.00%
CLOTHING OPERATIONAL		4,550.00	4,200.00	4,200	4,743	4,743	0	0.00%
Total Personnel Services		1,193,057	1,230,404	1,276,455	1,311,645	1,302,799	37,347	-0.67%
Purchased Services								
SOFTWARE SERVICING	⁶	16,000.68	18,980.64	46,088	49,500	49,500	0	0.00%
UTILITIES – ELECTRICITY		369,429.12	355,799.38	414,163	431,929	438,408	6,479	1.50%
GIS SOFTWARE & TRAINING		32,277.38	23,050.63	21,271	26,520	26,520	0	0.00%
COPY/MAIL CENTER FEES		9,494.80	9,503.35	11,175	11,000	11,000	0	0.00%
MISCELLANEOUS	⁷	12,250	12,250	12,230	12,400	12,400	0	0.00%
Total Purchased Services		439,452	419,584	504,925	531,349	537,828	6,479	1.22%
Other Services								
LICENSES - CDL & SPECIAL		8,102.07	9,777.16	6,232	9,000	9,000	0	0.00%
ENVIRONMENTAL MANAGEMENT - ISO 14001 CERT.	⁸	8,100.00	8,396.16	18,320	15,000	15,000	0	0.00%
Total Other Services		16,202	18,173	24,552	24,000	24,000	0	0.00%

Footnotes:

Salaries:

¹ Supervisory - Supervisor of Water/Sewer, GIS Coordinator/Water Information Management, Compliance Coordinator

² Operational - 14 employees to manage the water distribution system

³ Temporary Operational Staff - Police details during roadwork and part time support

⁴ Supervisory Additional Compensation - Education incentive stipends and service awards

⁵ Operational Staff Additional Compensation - Longevity and temporary upgrades per union contract

Purchased Services:

⁶ Repairs & Software Maintenance - Maintaining the SCADA system at the Water Treatment Plants.

⁷ Purchased Services Misc. - Office supplies, Computers, Printers

Other Services:

⁸ Environmental Management ISO 14001 Cert - required maintenance of Environmental Management System to comply with audits from Regulators

Water Division

Salaries and expenses dedicated to the water division with providing drinking water from the source wells treating distribution, and the lake for where the operations of the water division against salaries here, it's the same collective bargaining agreement of the laborers and the supervisors that are in the general fund budget. So again, you'll all you see here are folks that may be eligible for steps and that's based on our staffing calculation, which again, based on some of our turnover, with younger folks coming in at lower steps shows actually a reduction based on that calculation for reliever. There's a forecasted increase in the cost of electricity to operate our water system. The Springville water treatment plan actually is one of the biggest energy electrical users – there are lots of large electrical pumps that either pump the water out of the ground or drive the water through the treatment system. So we're forecasting a slight increase in the cost for electricity for operating those facilities. Then on the next page are the remaining expenses for the water division. And here you see the largest increase for x fences related to water testing highlighted in yellow. That also is a change from what's in the ClearGov published budget. Again, that budget was forecasted and put together in October, things now have changed as of present day, regarding, you know, our anticipated costs for water quality testing, that budget line includes are obligated the testing we're obligated to do for compliance with pee fast. The new PFAS regulations that are now into effect is a certain amount of regulatory testing that we need to do. In addition, there's testing that we need to do that operationally so that we can modify our operations to hopefully and comply with the new regulation. To be compliant, we have to measure at the point of entry into the system. Operationally, we would want to gather more data at each well at different points within the treatment system so would understand how we can modify our operations to reduce the concentrations of PFAS going out of the system. The only significant budget change is in water quality testing. That also does accommodate, you know, the new lab or to new labs for using one or the other related water quality testing that that arose. Not long ago, we've moved on from another vendor for that service to now utilize two new labs and to gain more confidence in

that information. Overall, even with that increase for expenses and the minor increase in salaries, the overall water division budget is up 2.21% in FY 22.

Sewer Division

Description		2018 Actual	2019 Actual	2020 Actual	2021 Appropriated	2022 Proposed	2021 vs. 2022	
							\$ (+/-)	% (+/-)
Salaries								
SALARIES SUPERVISORY	¹	179,731	179,067	189,802	195,295.00	195,295.00	0	0.00%
SALARIES OPERATIONAL STAFF	²	460,495	439,479	491,893	495,507.00	494,300.00	-1,207	-0.24%
MERIT PERFORMANCE/CBAS		21,900	-	-	-	-	0	0.00%
SALARIES PART TIME OPERATIONAL	³	30,068	24,357	9,503	36,270.00	36,270.00	0	0.00%
SALARIES OPERATIONAL O/T		64,734	91,198	79,070	72,665.00	72,665.00	0	0.00%
SALARIES ADD'L COMP SUPERVISOR	⁴	16,600	16,400	13,200	19,400.00	19,400.00	0	0.00%
SALARIES ADD'L COMP OPER	⁵	16,775	14,648	13,087	16,398.00	16,398.00	0	0.00%
CLOTHING OPERATIONAL		3,150	3,038	3,500	3,315.00	3,315.00	0	0.00%
Total Personnel Services		793,453	768,186	800,056	838,850	837,643	-1,207	-0.14%
REPAIRS & MAINT. EQUIPMENT	⁶	3,250	3,446	3,334	3,350.00	4,000.00	650	19.40%
REPAIRS & MAINT. OTHER	⁷	3,250	3,259	3,386	3,350.00	4,000.00	650	19.40%
UTILITIES – ELECTRIC		102,686	203,545	130,610	259,462.83	263,354.77	3,892	1.50%
Total Purchased Services		109,186	210,250	137,330	266,163	271,355	5,192	1.95%
LICENSES - CDL & SPECIAL		2,100	998	595	2,200.00	2,200.00	0	0.00%
Total Other Services		2,100	998	595	2,200	2,200	0	0.00%
TECH & PROF SVS & MWRA SULFIDE TESTING	⁸	15,000	12,510	15,062	17,500.00	17,500.00	0	0.00%
Total Tech/Prof. Services		15,000	12,510	15,062	17,500	17,500	0	0.00%
REPAIRS & MAINT MISC CONSTRUCTION	⁹	4,000	4,281	5,050	5,000.00	5,500.00	500	10.00%
Total Supplies		4,000	4,281	5,050	5,000	5,500	500	10.00%
SEWER PUMP STATION/LINE MAINTENANCE	¹⁰	130,000	116,908	138,132	140,760.00	140,760.00	0	0.00%
MWRA SEWER ASSESSMENT	¹¹	6,044,540	5,972,626	6,034,261	6,350,000.00	6,350,000.00	0	0.00%
WATER/SEWER DAMAGE CLAIMS		15,000	-	8,083	15,000	15,000	0	0.00%
Total Other Charges		6,189,540	6,089,534	6,180,476	6,505,760	6,505,760	0	0.00%
Total Sewer		7,113,279	7,085,759	7,138,569	7,635,473	7,639,958	4,485	0.06%

Footnotes:

Salaries:

- ¹ Supervisory - Chief Plant Operator, Distribution Manager
² Operational - 11 employees that maintain and repair the wastewater collection system
³ Temporary Operational Staff - Police details associated with roadwork and part-time help
⁴ Supervisory Additional Compensation - Education incentive stipends and service awards
⁵ Operational Staff Additional Compensation - Longevity and temporary upgrades per union contract

Purchased Services:

- ⁶ Repairs & Maint. Equipment - repairs and maintenance to equipment in the Town's thirty-for sewer pump stations including: check valves, motor starters, mechanical seals, etc.
⁷ Repairs & Maint. Other - repairs and maintenance of alarms, wiring, fencing, etc.

Technical & Professional Services:

- ⁸ MWRA Sulfide Testing - Massachusetts Water Resource Authority sewer system and other professional services dealing with the municipal discharge permit

Supplies:

- ⁹ Repairs & Maint Misc Construction - repairs and maintenance of sewer pipe, fittings, sewer pipeline camera, manhole covers, sewer rod equipment, etc.

Other Charges:

- ¹⁰ Sewer Pump Station/Line Maintenance - Engineering, repairing, replacing, and maintaining 34 sewer pump stations and 150 miles of sewer mains.
¹¹ MWRA Sewer Assessment - The cost of the Town's sewer discharge into the Massachusetts Water Resource Authority wastewater collection and treatment system

Sewer Division

This is the Water & Sewer division salaries and expenses. This division operates the collection of wastewater from homes and businesses. We have 3435 sewer pump stations that require maintenance and regular upkeep and monitoring. They also consume electricity and we forecast an increase in electricity to drive those salaries. The big budget item here (85% of the sewer division budget) is the MWRA assessment. That's what we pay to the MWRA to take our wastewater out there. They have several interceptors that run through Natick and wastewater is sent in at a dozen locations. From there, it's conveyed away and treated in Boston Harbor, then dumped out through the Boston Harbor tunnel out into the Atlantic Ocean. The cost to the community is forecasted to go up 4% in FY 22 (on average, it has been over 5% in the past). However, there has been a fair amount of debt that's been paid off at the MWRA that's now being reflected in slightly more modest assessments charged to member communities. In that we've also had to estimate MWRA sewer assessment estimate the impacts of the metering program that the MWRA is doing on our dozen or so inflows into the MWRA's system. Only half of them actually had a meter in them that physically measured the flow. The other half were estimated based on the receiving catchment, the estimated number of homes and businesses and flow and was calculated. Now the MWRA is replacing all the existing meters as well as adding meters where there were no previous meters. These meters will be installed over a period of three years, so some of those calculations for our estimates were getting a little discount. Over the next three years when these meters are installed, MWRA will phase in the actual meter costs and maintenance costs to our sewer assessment. We're comfortable with our estimate of 4% for FY 21 since actually was a reduction in in our assessment. So there will be a turn-back From the FY 21 appropriated assessment. The MWRA Board of Directors chose to defer some of the costs of their system to member communities to provide a one year break to provide COVID relief. We believe our sewer assessment for this current year is about \$5.9 million and change. So, that happened after our FY21 budget was appropriated. So there will be a term-back there that will go into the Water & Sewer Enterprise Fund retained earnings account. We strive to keep 10% of revenues in retained earnings, a target of \$1.8 million. I think the last calculation when we set the rates was approximately \$1 million, so we've been trying to build that reserve up. And that is a big driver in setting the sewer rates last year, so this turn-back will be helpful because it will get factored into the town's bond credit rating for borrowing and it helps to address unforeseen circumstances year-to-year with water consumption and sewer use, they go hand in hand.

Utility Billing

		2018 Revised	2019 Actual	2020 Actual	2021 vs. 2022	
			2021	2022	\$ (+/-)	% (+/-)
Salaries						
SALARIES OPERATIONAL STAFF	¹	106,451	76,047	90,237	0	0.00%
		99,330.00	99,330.00		0	0.00%
SALARIES PART-TIME	²	3,879	3,484	1,063	0	0.00%
		3,972.00	3,972.00		0	0.00%
Total Personnel Services		113,485	79,789	92,058	-33,696	0.00%
EQUIPMENT REPAIRS/SERVICING		500	-	-	0	0.00%
SOFTWARE SERVICING	³	15,000	-	-	0	0.00%
TRAVEL		500	-	-	-15,000	-100.00%
TELEPHONE		1,500	-	-	0	0.00%
		1,500.00	1,500.00		0	0.00%
TRAINING & EDUCATION		3,000	-	-	0	0.00%
COPY/MAIL CENTER FEES		32,000	19,750	24,879	0	0.00%
COLLECTION ACTIVITIES		500	500	-	0	0.00%
		1,000.00	1,000.00		0	0.00%
OFFICE SUPPLIES		1,000	1,000	-	0	0.00%
					0	0.00%
					0	0.00%
Total Supplies		89,000	58,322	43,893	-30,678	-16.85%
Total Utility Billing		202,485	138,110	135,951	-64,375	-7.67%

Footnotes:

Salaries¹ Operational- Two full-time employees responsible for preparation of monthly water and sewer charges, special billings, printing bills, and customer service

² Part Time - Funds 240 hours of part time clerical support during peak periods

Technical & Professional Services

³ Software Servicing - Maintenance of the utility billing software

Utility Billing

Mr. Marsette said the major change here was that utility billing software. Now, instead of being charged from this, your budgeted in this and not used is now it was taken out is covered in the IT department and in through an indirect expense. So that that was a change of reduction in expenses, but otherwise it's level-funded.

Indirect Expenses

Mr. Marsette said the full calculation is shown on page 271 of the budget book reflected on the bottom line here. And you know that as those have been updated based on current salaries of folks their actual contribution to help the Enterprise Fund. And that actually has an increase of 5.3% in the indirect expenses, which means that some additional funds are going towards the revenue of the general fund. There is also the Reserve Fund, which an emergency relief fund that that requires special authorization to use that's budgeted at \$200,000 per year. The most recent use of that was in fiscal year 2019 to help with the some emergency water filter repairs, the Springdale water treatment plan this year. We have yet to use any money from the emergency fund this year, but

DRAFT 1

it is a potential source of funds should we need it for addressing the PFAS situation that we're actively studying and have our consultant investigating. Depending on what we find, it may have some capital ramifications as well.

Questions from the Committee

Mr. Coburn asked what is driving the increase in indirect expenses. Mr. Marsette said a fair amount of his time goes towards assisting the Water & sewer Enterprise Fund, so a percentage of my salary is allocated (charged) to indirect expenses. The various positions that touch the Enterprise Fund such as DPW Director, engineering staff, Treasurer/Collector, the town accountant, the Deputy Town Administrator - Operations and Deputy Town Administrator – Finance and some of their employees all help the Enterprise Fund to run and the indirect expenses reflect that. Mr. Rauf said that Mr. Marsette's comments were correct – indirect costs take into account so many departments that you will never see a large spike in any one area. \$100,000 is obviously a significant spike but there are so many things that go into this increase in indirects. Any new initiatives that are added to the Water & Sewer department will have a portion of this cost put towards indirect costs. So it's sort of two ways – with cost increases from initiatives, you incur expenses that may have to interact or work with the Enterprise Fund. Mr. Marsette added that GIS services is a good example in that the salary of our town's GIS coordinator is in the Water & Sewer Enterprise Fund and the indirects net out – his work to support the general fund to support Community Economic Development making maps and his work in the Enterprise Fund. There is that two way street so it reduces the indirect revenue towards the general fund and there are things that the Enterprise Fund contributes to them as well.

Mr. Linehan asked what protection in place to keep someone from hacking into the water quality control systems as was done in Florida. Mr. Marsette that there was a there was a hack into the Supervisory Control and Data Acquisition (SCADA) system of the water supply in Florida. SCADA is of the computer systems that help us monitor and operate some of our systems in a remote way and give us alarms when they are not working the way they should. It also help helps us like turn on and off things. Natick has robust security – this past fall, we used a US EPA-funded grant to fund a consultant to help us do a cybersecurity assessment of our water supply & sewer SCADA system. That consultant help us assess our security and we worked with the IT director and our SCADA consultant on that assessment. The findings were very positive but there were a number of smaller recommendations to address and we've been having monthly check-ins, as we've checked those off the list. We had one of the check-in meetings with the consultant yesterday and discussed the Florida situation. Our SCADA system is built as a separate architecture which means that we are secure against this type of attack.

Debt Service

Debt service calculations are shown on page 272 of the budget book, it shows all the cost of capital, principal and interest for debt service, which rolls up and based on our forecasts there is a reduction for FY 22 in the debt schedule. The next two pages are a spreadsheet that attempts to recreate page 272 so it's a little more legible.

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Town of Natick- Water Sewer Enterprise Debt Service

Department: Water Sewer Enterprise Fund - Debt Service Schedules

Fiscal Year 2025											
Fiscal Year 2022											
Fiscal Year 2023											
Fiscal Year 2024											
Fiscal Year 2025											
Year of	Project	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest
2006	Water Treatment (MWPAT) *Refunded (Net amount)	\$ 311,902	\$ 65,489	\$ 326,522	\$ 49,922	\$ 336,289	\$ 32,946	\$ 350,889	\$ 15,026	\$ 355,763	\$
2000	Water (Lakeshore Dr) *Refunded 2012	\$ 22,000	\$ 440	\$	\$	\$	\$	\$	\$	\$	\$
2000	Sewer (Boden Ln & Water, Lincoln, etc) *Refunded 2012	\$ 35,000	\$ 700	\$ -	\$	\$	\$	\$	\$	\$	\$
2002	Sewer (Lakeshore Rd) *Refunded 2013	\$ 15,000	\$ 1,200	\$ 15,000-0	\$ 600	\$	\$	\$	\$	\$	\$
2002	Sewer (Leach Ln) *Refunded 2013	\$ 10,000	\$ 800	\$ 10,000	\$ 400	\$	\$	\$	\$	\$	\$
2006	Sewer (Speen St, Park Ave) *Refunded 2016	\$ 105,000	\$ 17,300	\$ 105,000	\$ 14,150	\$ 105,000	\$ 11,300	\$ 105,000	\$ 8,425	\$ 105,000	\$ 6,250
2011	Final Phase V	\$ 55,000	\$ 9,775	\$ 50,000	\$ 8,125	\$ 50,000	\$ 6,625	\$ 50,000	\$ 5,125	\$ 50,000	\$ 3,500
2012	Ground Water Wells	\$ 30,000	\$ 1,200	\$ 30,000	\$ 600	\$	\$	\$	\$	\$	\$
2012	Variable Frequency Drives	\$ 25,000	\$ 1,000	\$ 25,000	\$ 500	\$	\$	\$	\$	\$	\$
2012	CPW Headquarters Renovations	\$ 50,000	\$ 2,000	\$ 50,000	\$ 1,000	\$	\$	\$	\$	\$	\$
2013	Force Main Bradford / Barnstable - Rt 9	\$ 110,000	\$ 25,850	\$ 110,000	\$ 21,450	\$ 110,000	\$ 17,050	\$ 110,000	\$ 14,850	\$ 110,000	\$ 12,550
2013	Replace Ground Water Wells	\$ 30,000	\$ 1,000	\$ 30,000	\$ 1,800	\$ 30,000	\$ 600	\$	\$	\$	\$
2013	Filter Modification @ Springvale WTP	\$ 20,000	\$ 2,000	\$ 20,000	\$ 1,200	\$ 20,000	\$ 400	\$	\$	\$	\$
2014	Replace Ground Water Wells	\$ 20,000	\$ 5,425	\$ 20,000	\$ 4,625	\$ 20,000	\$ 3,825	\$ 20,000	\$ 3,225	\$ 20,000	\$ 2,775
2014	Town Forest Reservoir Roof	\$ 15,000	\$ 3,319	\$ 15,000	\$ 2,719	\$ 15,000	\$ 2,719	\$ 15,000	\$ 2,269	\$ 15,000	\$ 1,931
2014	Prime Park Pump Station Wall	\$ 15,000	\$ 1,988	\$ 15,000	\$ 1,388	\$ 15,000	\$ 788	\$ 15,000	\$ 338	\$	\$
2014	Energy Efficiency Upgrades - Springvale WTP	\$ 15,000	\$ 1,988	\$ 15,000	\$ 1,388	\$ 15,000	\$ 788	\$ 15,000	\$ 338	\$	\$
2014	Tonks Valves & Filters - Springvale WTP	\$ 10,000	\$ 1,325	\$ 10,000	\$ 925	\$ 10,000	\$ 525	\$ 10,000	\$ 225	\$	\$
2014	Speen Street Sewer Work	\$ 20,000	\$ 2,200	\$ 20,000	\$ 1,400	\$ 20,000	\$ 600	\$	\$	\$	\$
2015	MWRA IM - Sewer Main Relining	\$ 20,205	\$	\$ 20,205	\$	\$ 20,205	\$	\$ 20,205	\$	\$ 20,205	\$
2016	Public Works Expansion	\$ 10,000	\$ 1,535	\$ 10,000	\$ 1,235	\$ 10,000	\$ 935	\$ 10,000	\$ 668	\$ 10,000	\$ 450
2017	Sewer Station Generator Upgrades	\$ 10,000	\$ 2,400	\$ 10,000	\$ 2,000	\$ 10,000	\$ 1,600	\$ 10,000	\$ 1,200	\$ 10,000	\$ 800
2017	Sewer Pump Station Replacement (Elliot Hill)	\$ 10,000	\$ 6,713	\$ 10,000	\$ 6,713	\$ 10,000	\$ 5,713	\$ 10,000	\$ 5,213	\$ 10,000	\$ 4,713
2017	Sewer Station and Generator Upgrades (Travis Road)	\$ 20,000	\$ 10,819	\$ 20,000	\$ 9,819	\$ 20,000	\$ 7,819	\$ 15,000	\$ 7,069	\$ 15,000	\$ 6,319
2017	VFD's for Pumps - Springvale Water Treatment	\$ 20,000	\$ 5,500	\$ 20,000	\$ 4,500	\$ 20,000	\$ 3,500	\$ 20,000	\$ 2,500	\$ 15,000	\$ 1,500
2017	Water Distribution System Enhancements	\$ 15,000	\$ 7,463	\$ 15,000	\$ 6,713	\$ 15,000	\$ 5,963	\$ 10,000	\$ 5,213	\$ 10,000	\$ 4,713
2017	Replace Ground Water Wells	\$ 15,000	\$ 9,713	\$ 15,000	\$ 8,363	\$ 15,000	\$ 7,613	\$ 15,000	\$ 6,863	\$ 15,000	\$ 6,113
2017	Springvale Water Treatment Plant - Re-use Tank	\$ 35,000	\$ 11,750	\$ 35,000	\$ 10,000	\$ 35,000	\$ 8,250	\$ 35,000	\$ 6,500	\$ 35,000	\$ 4,750
2017	Route 30 Water Main Loop	\$ 30,000	\$ 13,500	\$ 30,000	\$ 12,000	\$ 25,000	\$ 10,500	\$ 25,000	\$ 9,250	\$ 25,000	\$ 8,000
2017	West Central Water Main Replacement	\$ 75,000	\$ 36,650	\$ 70,000	\$ 32,900	\$ 70,000	\$ 29,400	\$ 70,000	\$ 25,900	\$ 70,000	\$ 22,400
2017	Replace W-25 (Dump Truck)	\$ 30,000	\$ 5,500	\$ 30,000	\$ 4,000	\$ 25,000	\$ 2,500	\$ 25,000	\$ 1,250	\$	\$
2017	RT 9 & 27 Sewer Infrastructure	\$ 150,000	\$ 91,850	\$ 150,000	\$ 85,850	\$ 150,000	\$ 79,850	\$ 145,000	\$ 73,850	\$ 145,000	\$ 68,150
2017	Replace Ground Water Wells	\$ 20,000	\$ 11,700	\$ 20,000	\$ 9,900	\$ 20,000	\$ 10,100	\$ 20,000	\$ 9,300	\$ 20,000	\$ 8,500
2017	Water Main Upgrade	\$ 20,000	\$ 10,350	\$ 20,000	\$ 9,550	\$ 20,000	\$ 8,750	\$ 20,000	\$ 7,950	\$ 20,000	\$ 7,150
2017	MWRA Sewer Relining	\$ 4,020	\$	\$ 4,020	\$	\$ 4,020	\$	\$ 4,020	\$	\$ 4,020	\$
2017	W-19 Vactor Replacement	\$ 40,000	\$ 12,000-0	\$ 40,000	\$ 10,000-0	\$ 40,000	\$ 8,000-	\$ 40,000	\$ 6,000-	\$ 40,000	\$ 4,000-
2017	Water Treatment Plant Pump VFD	\$ 10,000	\$ 3,500	\$ 10,000	\$ 3,000	\$ 10,000	\$ 2,500	\$ 10,000	\$ 2,000	\$ 10,000	\$ 1,500
2017	Replace Ground Water Wells	\$ 5,000	\$ 3,050	\$ 5,000	\$ 2,800	\$ 5,000	\$ 2,550	\$ 5,000	\$ 2,300	\$ 5,000	\$ 2,050
2017	Prime Park Pump Station	\$ 10,000	\$ 4,356	\$ 10,000	\$ 3,856	\$ 10,000	\$ 3,356	\$ 10,000	\$ 2,856	\$ 10,000	\$ 2,356
2018	Elm Bank Chlorine Scrubber	\$ 35,000	\$ 13,125	\$ 35,000	\$ 11,375	\$ 35,000	\$ 9,625	\$ 35,000	\$ 7,875	\$ 35,000	\$ 6,125
2018	East Central Water Main Abandonment	\$ 35,000	\$ 28,825	\$ 35,000	\$ 27,075	\$ 35,000	\$ 25,325	\$ 35,000	\$ 23,575	\$ 35,000	\$ 21,825
2018	Replace W-26 Dump Truck	\$ 25,000	\$ 9,125	\$ 25,000	\$ 7,875	\$ 25,000	\$ 6,625	\$ 20,000	\$ 5,500	\$ 20,000	\$ 4,500
2018	Water Distribution System Enhancements	\$ 10,000	\$ 6,300	\$ 10,000	\$ 5,800	\$ 10,000	\$ 5,300	\$ 10,000	\$ 4,800	\$ 10,000	\$ 4,300
2018	SCADA Equipment	\$ 5,000	\$ 2,875	\$ 10,000	\$ 2,250	\$ 10,000	\$ 1,750	\$ 10,000	\$ 1,250	\$ 10,000	\$ 750
2018	SCADA Equipment Upgrade	\$ 5,000	\$ 5,125	\$ 10,000	\$ 4,375	\$ 10,000	\$ 3,625	\$ 10,000	\$ 2,875	\$ 10,000	\$ 2,125
2018	SCADA Equipment Upgrade	\$ 30,000	\$ 8,000	\$ 30,000	\$ 6,500	\$ 25,000	\$ 5,000	\$ 25,000	\$ 3,750	\$ 25,000	\$ 2,500
		\$ 1,628,127	\$ 468,122	\$ 1,562,747	\$ 400,198	\$ 1,430,514	\$ 334,112	\$ 1,302,114	\$ 275,424	\$ 1,264,988	\$ 222,586
		FY 21 Total	\$ 2,096,348		\$ 1,965,885	FY 23 Total	\$ 1,754,626	FY 24 Total	\$ 1,630,539	FY 25 Total	\$ 1,507,544

FY22

Total

	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
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Town of Natick - Water Sewer Enterprise Debt Service

Department: Water Sewer Enterprise Fund - Debt Service Schedules

Fiscal Year 2021		Fiscal Year 2022		Fiscal Year 2023		Fiscal Year 2024		Fiscal Year 2025		Fiscal Year 2026	
Year of	Project	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest
2006	Water Treatment (MWPA) *Refunded (Net amount)	\$31,902	\$ 65,489	\$326,522	\$ 49,922	\$336,289	\$32,946	\$350,889	\$ 15,026	\$355,763	\$
2000	Water (Lakeshore Dr) *Refunded 2010	\$22,000	\$ 440	\$							-
2000	Sewer (Boden Ln & Water, Lincoln, etc.) *Refunded 2012	\$35,000	\$ 700	\$							
2002	Sewer (Lakeshore Rd) *Refunded 2013	\$15,000	\$ 1,200	\$15,000	\$ 600						
2002	Sewer (Leach Ln) *Refunded 2013	\$10,000	\$ 800	\$10,000	\$ 400						
2006	Sewer (Spen St, Park Ave *Refunded 2016	\$105,000	\$17,300	\$105,000	\$14,150	\$105,000	\$11,100	\$105,000	\$ 8,425	\$105,000	\$ 6,250
2011	Final Phase V	\$55,000	\$ 9,775	\$50,000	\$ 8,125	\$50,000	\$ 6,625	\$50,000	\$ 5,125	\$50,000	\$ 3,500
2012	Ground Water Wells	\$30,000	\$1,200	\$30,000	\$ 600						
2012	Variable Frequency Drives	\$25,000	\$1,000	\$25,000	\$ 500						
2012	CPW Headquarters Renovations	\$50,000	\$ 2,000	\$50,000	\$1,000						
2013	Force Main Bedford / Pamela - Rt 9	\$110,000	\$25,850	\$110,000	\$21,450	\$110,000	\$17,050	\$110,000	\$14,850	\$110,000	\$12,550
2013	Replace Ground Water Wells	\$30,000	\$ 3,000	\$30,000	\$1,800	\$30,000	\$ 600				
2013	Filter Modification @ Springvale WTP	\$20,000	\$ 2,000	\$20,000	\$1,200	\$20,000	\$ 400				
2014	Replace Ground Water Wells	\$20,000	\$5,425	\$20,000	\$ 4,625	\$20,000	\$3,825	\$20,000	\$ 3,225	\$20,000	\$ 2,775
2014	Town Forest Reservoir Roof	\$15,000	\$ 3,719	\$15,000	\$ 2,719	\$15,000	\$ 2,719	\$15,000	\$ 2,269	\$15,000	\$1,931
2014	Prime Park Pump Station Wall	\$15,000	\$1,988	\$15,000	\$1,388	\$15,000	\$ 788	\$15,000	\$ 338		
2014	Energy Efficiency Upgrades - Springvale WTP	\$15,000	\$1,988	\$15,000	\$1,388	\$15,000	\$ 788	\$15,000	\$ 338		
2014	Tonka Valves & Filters - Springvale WTP	\$10,000	\$1,325	\$10,000	\$ 925	\$10,000	\$ 525	\$10,000	\$ 225		
2014	Spen Street Sewer Work	\$20,000	\$ 2,200	\$20,000	\$1,400	\$20,000	\$ 600				
2015	MWRA IM - Sewer Main Relining	\$20,205	\$	\$20,205		\$20,205		\$20,205		\$20,205	
2016	Public Works Expansion	\$10,000	\$1,335	\$10,000	\$1,235	\$10,000	\$ 935	\$10,000	\$ 668	\$10,000	\$ 490
2017	Sewer Station Generator Upgrades	\$10,000	\$ 2,400	\$10,000	\$ 2,000	\$10,000	\$1,600	\$10,000	\$1,200	\$10,000	\$ 800
2017	Sewer Pump Station Replacement (Elliot Hill)	\$10,000	\$ 6,713	\$10,000	\$ 6,713	\$10,000	\$ 5,713	\$10,000	\$ 5,713	\$10,000	\$ 4,713
2017	Sewer Station and Generator Upgrades (Troy Road)	\$20,000	\$10,819	\$20,000	\$ 9,819	\$20,000	\$ 7,819	\$15,000	\$ 7,069	\$15,000	\$ 6,319
2017	VFD's for Pumps - Springvale Water Treatment	\$20,000	\$ 5,500	\$20,000	\$ 4,500	\$20,000	\$ 3,500	\$20,000	\$ 2,500	\$15,000	\$1,500
2017	Water Distribution System Enhancements	\$15,000	\$ 7,463	\$15,000	\$ 6,713	\$15,000	\$ 5,963	\$10,000	\$ 5,713	\$10,000	\$ 4,713
2017	Replace Ground Water Wells	\$15,000	\$ 9,113	\$15,000	\$ 8,363	\$15,000	\$ 7,613	\$15,000	\$ 6,863	\$15,000	\$ 6,113
2017	Springvale Water Treatment Plant - Re-Use Tank	\$35,000	\$11,750	\$35,000	\$10,000	\$35,000	\$ 8,250	\$35,000	\$ 6,500	\$35,000	\$ 4,750
2017	Route 30 Water Main Loop	\$30,000	\$13,500	\$30,000	\$12,000	\$25,000	\$10,500	\$25,000	\$ 9,250	\$25,000	\$ 8,000
2017	West Central Water Main Replacement	\$75,000	\$36,650	\$70,000	\$32,900	\$70,000	\$29,400	\$70,000	\$25,900	\$70,000	\$22,400
2017	Replace W-23 (Dump Truck)	\$30,000	\$ 5,500	\$30,000	\$ 4,000	\$25,000	\$ 2,500	\$25,000	\$1,250		
2017	RT 9 & 27 Sewer Infrastructure	\$150,000	\$91,850	\$150,000	\$85,850	\$150,000	\$79,850	\$145,000	\$73,850	\$145,000	\$68,150
2017	Replace Ground Water Wells	\$20,000	\$11,700	\$20,000	\$ 9,900	\$20,000	\$10,100	\$20,000	\$ 9,300	\$20,000	\$ 8,500
2017	Water Main Upgrade	\$20,000	\$10,350	\$20,000	\$ 9,550	\$20,000	\$ 8,750	\$20,000	\$ 7,950	\$20,000	\$ 7,150
2017	MWRA Sewer Relining	\$ 4,020	\$	\$ 4,020	\$	\$ 4,020	\$	\$ 4,020	\$	\$ 4,020	\$
2017	W-19 Vactor Replacement	\$ 40,000	\$12,000	\$ 40,000	\$10,000	\$ 40,000	\$ 8,000	\$ 40,000	\$ 6,000	\$ 40,000	\$ 4,000
2017	Water Treatment Plant Pump VFD	\$10,000	\$ 3,500	\$10,000	\$ 3,000	\$10,000	\$ 2,500	\$10,000	\$ 2,000	\$10,000	\$1,500
2017	Replace Ground Water Wells	\$ 5,000	\$ 3,050	\$ 5,000	\$ 2,800	\$ 5,000	\$ 2,550	\$ 5,000	\$ 2,300	\$ 5,000	\$ 2,050
2017	Prime Park Pump Station	\$10,000	\$ 4,356	\$10,000	\$ 3,856	\$10,000	\$ 3,356	\$10,000	\$ 2,856	\$ 5,000	\$ 2,356
2018	Elm Bank Chlorine Scrubber	\$35,000	\$13,125	\$35,000	\$11,575	\$35,000	\$ 9,625	\$35,000	\$ 7,875	\$35,000	\$ 6,125
2018	East Central Water Main Abandonment	\$35,000	\$26,825	\$35,000	\$27,075	\$35,000	\$25,325	\$35,000	\$23,575	\$35,000	\$21,825
2018	Replace W-26 Dump Truck	\$25,000	\$ 9,125	\$25,000	\$ 7,875	\$25,000	\$ 6,625	\$20,000	\$ 5,500	\$20,000	\$ 4,500
2018	Water Distribution System Enhancements	\$10,000	\$ 4,300	\$10,000	\$ 3,800	\$10,000	\$ 3,300	\$10,000	\$ 2,800	\$10,000	\$ 2,300
2018	SCADA Equipment	\$15,000	\$ 2,875	\$10,000	\$ 2,250	\$10,000	\$1,750	\$10,000	\$1,250	\$10,000	\$ 750
2018	SCADA Equipment Upgrade	\$15,000	\$ 5,125	\$10,000	\$ 4,375	\$10,000	\$ 3,625	\$10,000	\$ 2,875	\$10,000	\$ 2,125
2018	SCADA Equipment Upgrade	\$30,000	\$ 8,000	\$30,000	\$ 6,500	\$25,000	\$ 5,000	\$25,000	\$ 3,750	\$25,000	\$ 2,500
		\$1,628,127	\$468,122	\$1,563,747	\$400,138	\$1,430,594	\$354,112	\$1,356,784	\$275,424	\$1,284,988	\$222,556
		FY 21 Total	\$2,096,348		\$1,965,885	FY 23 Total	\$1,764,626	FY 24 Total	\$1,630,589	FY 25 Total	\$1,507,544

FY22

Total

	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
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Mr. Linehan moved to recommend Favorable Action on the Water & Sewer Enterprise Fund in the amount of \$13,901,296, seconded by Mr. LaFleur, voted 4 – 0 – 0.

Mr. Linehan moved to recommend Favorable Action on the Water & Sewer indirect expenses in the amount of \$2,841,359, seconded by Mr. LaFleur, voted 4 – 0 – 0.