

	Requested DW 22-032 Revenues		QCPAC For 2022 Capital Additions pro forma		QCPAC Surcharge for 2022 Capital Addition		QCPAC For 2023 Capital Additions pro forma		QCPAC Surcharge for 2023 Capital Additions		QCPAC For 2024 Capital Additions pro forma		QCPAC Surcharge for 2024 Capital Additions		QCPAC For 2025 Capital Additions pro forma		QCPAC Surcharge for 2025 Capital Additions
City Bond Fixed Revenue Requirement (CBFRR)	\$ 7,729,032		\$ -		\$ 7,729,032				\$ 7,729,032				\$ 7,729,032				\$ 7,729,032
DW 22-032 Operating Expense Revenue Requirement, with MOEF, per Settlement Agreement	\$ 25,249,661	(1)	\$ 114,271	(4)	\$ 25,363,931		\$ 183,931	(4)	\$ 25,547,862		\$ 231,961	(4)	\$ 25,779,823		\$ 170,787	(4)	\$ 25,950,610
DW 22-032 Annual Principal and Interest Payments per Settlement Agreement	\$ 7,436,923	(2)	\$ 377,666	(8)(7)	\$ 7,814,589		\$ 752,070	(9)(10)	\$ 8,566,659		\$ 846,028	(9)	\$ 9,412,687		\$ 720,670	(9)	\$ 10,133,357
Principal and Interest Coverage Requirement	1.10	(3)			1.10				1.10				1.10				1.10
DW 22-032 Principal and Interest Revenue Requirement	\$ 8,180,615				\$ 8,596,048				\$ 9,423,325				\$ 10,353,955				\$ 11,146,693
DW 22-032 RSF Debit	\$ (422,871)	(13)			\$ (422,871)				\$ (422,871)				\$ (422,871)				\$ (422,871)
DW 22-032 Revenue Requirement per Settlement Agreement inclusive of RSF Debit	\$ 40,736,437	(12)			\$ 41,266,141				\$ 42,277,348				\$ 43,439,940				\$ 44,403,464
DW 22-032 Revenue Requirement less Other Revenues	\$ 40,143,045				\$ 40,672,749				\$ 41,683,956				\$ 42,846,548				\$ 43,810,072
DW 22-032 Revenue Requirement less Other Revenues less Fixed Special Contract Revenues	\$ 39,057,359	(6)			\$ 39,587,063				\$ 40,598,270				\$ 41,760,862				\$ 42,724,386
Percent QCPAC Surcharge (5)					1.36%				2.59%				2.98%				2.47%
Cumulative QCPAC Surcharge (11)					1.36%				3.95%				6.92%				9.39%
Cumulative QCPAC monthly increase in average single family residential bill.					\$ 0.83				\$ 2.42				\$ 4.24				\$ 5.75
Average monthly single family residential bill with QCPAC.	\$ 61.28				\$ 62.11				\$ 63.69				\$ 65.52				\$ 67.03

Notes:

- (1) Operating Expense Revenue requirement is the sum of the Total Operating Expenses, Property Tax Expense, Amortization Expense and Payroll Tax Expenses agreed to in the Settlement agreement for DW22-032
- (2) Annual Principal and interest payments for PWW debt associated with all plant in service as agreed to in the settlement agreement for DW 22-032.
- (3) Principal and interest coverage of 1.10 is as approved in DW 16-806.
- (4) QCPAC operating expenses are based on the property taxes for used and useful plant added during the year
- (5) QCPAC percent revenue surcharges based on increase in revenues which are reflected in the Settlement agreement in DW22-032
- (6) Reduction in revenues associated with fixed contracts as follows:
- (7) QCPAC Principal and Interest expenses for SRF financing are based on a
- (8) QCPAC Principal and Interest expenses based on actual April 26, 2023 Bond issuance based on a
- (9) QCPAC Principal and Interest expenses for 2024, 2025 and 2026 QCP's are based on
- (10) QCPAC Principal and Interest expenses for SRF financing are based on a
- (11) Cumulative surcharge percentage is based on total surcharge revenues collected divided by the revenues agreed to in the settlement in DW 22-032 that are impacted by the QCPAC.
- (12) Operating expense revenues agreed to in the Settlement Agreement per DW 22-032 less total Other Revenues of
- (13) RSF debit agreed to in Settlement Agreement in DW 22-032

Hudson Annual Fixed Chg	\$ 457,083	Milford Annual Fixed Chg	\$ 81,000	A-B Annual Fixed Chg	\$ 356,622	PEU Annual Fixed Chg	\$ 190,981
20 year bond with interest rate of	3.380%						
30 year bond with interest rate of	5.005716% (Total All In Interest Cost of all Series Bonds)						
30 year bond with interest rate of	6.50% for 2023 through 2026 Capital Expenditures unless funding is via an SRF/DWGTIF financing.						
20 year bond with interest rate of	1.256%						

Impact on Single Family Residential Home:

	DW 22-032
Monthly meter charge agreed to in Settlement in DW 22-032 -	\$ 26.90
Average Single Family Consumption as filed in DW 22-032 (CCF) -	7.76
Volumetric Charge agreed to in Settlement in DW 22-032 -	\$ 4.43
Ave. Single Family monthly bill with rates projected upon completion of DW 22-032 -	\$ 61.28

Project Name/Description	Project Description	Work Order #	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Approved Budgeted Amount	QCPAC Eligible?	Estimated Year End Project Cost as of 09/30/2022	Estimated Project Cost as of 11/30/2022	Final Project cost as of 12/31/2022	Community	Taxable	Tax Rate (%)	QCPAC Eligible Property Tax Expense	Explanation for Change/Addition/Deletion since Feb 2022 Filing
Office Space for Const & Maint Supervisor	Permanent Office space for Construction & Maint Supervisor	n/a	DW20-157	26,459	3/2/2021	\$ 15,000	Yes	\$ -	\$ -	\$ -	Merrimack	Yes	\$ 22.87	\$ -	Deferred to 2023
Locker Room Wash Sinks	Deep stainless wash sinks to replace existing sinks in male & female locker rooms	n/a	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	\$ 10,000	\$ -	\$ -	Merrimack	Yes	\$ 22.87	\$ -	Deferred to 2023
Locker Room Benches	Permanent Benches in Men's & Women's Locker Rooms	n/a	DW20-157	26,459	3/2/2021	\$ 7,500	Yes	\$ 7,500	\$ -	\$ -	Merrimack	Yes	\$ 22.87	\$ -	Deferred to 2023
2022 New Services (15)	Single Family, Owner Build, New Homes	Routine	DW20-157	26,459	3/2/2021	\$ 75,000	Yes	\$ 75,000	\$ 102,500	\$ 102,500	Various	Yes	\$ 23.78	\$ 2,437	10 New Services installed in 2022
2022 Renewed Services (20)	Replacement of Failed Services	Routine	DW20-157	26,459	3/2/2021	\$ 110,000	Yes	\$ 110,000	\$ 142,271	\$ 155,198	Various	Yes	\$ 23.78	\$ 3,691	32 Renewed Services completed in 2022.
2022 Hydrants (10)	Replacement of non functional hydrants	Routine	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	\$ 15,000	\$ 14,796	\$ 14,793	Various	Yes	\$ 23.78	\$ 352	2 Hydrants installed in 2022.
2022 Gates (20)	Replacement of Failed Gate Valves	Routine	DW20-157	26,459	3/2/2021	\$ 80,000	Yes	\$ 72,000	\$ 82,863	\$ 76,944	Various	Yes	\$ 23.78	\$ 1,830	13 Gate Valves Replaced in 2022.
2022 Radios (250)	New Radios for new customers (250)	Routine	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	\$ 177,000	\$ 16,636	\$ 16,195	Various	Yes	\$ 23.78	\$ 385	163 Radios installed in 2022.
2022 Radios (2800)	Year 2 of 10 year Replacement of all PWW Radios installed in 2007 (2800)	2200381	DW20-157	26,459	3/2/2021	\$ 280,000	Yes	\$ 240,000	\$ 253,475	\$ 236,311	Various	Yes	\$ 23.78	\$ 5,619	2,142 Radios Replaced thru 11/30/2022. 300 additional radio replacements expected by year end.
2022 Meters (Growth) 5/8"-2" - Core & CWS (TBD)	New meters for new customers, including PFOA (250). Replacement of failed meters(250)	Routine	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	\$ 60,000	\$ 82,786	\$ 82,204	Various	Yes	\$ 23.78	\$ 1,955	392 Meters Replaced in 2022.
Replacement Dump Truck	Replacement for Truck # 7, 2011 Peterbilt T-335, 100K+ miles, 2500 hrs, high maint & Repair	n/a	DW20-157	26,459	3/2/2021	\$ 125,000	Yes	\$ -	\$ -	\$ -	Merrimack	No	\$ 22.87	\$ -	Deferred due to availability.
Replacement Utility Truck	New Utility Truck to replace #84, 2014 F-350, 120k miles, High maint & Repair costs	2204657		0.1 DSRF funds	26,459	\$ 70,000	Yes	\$ 53,995	\$ 53,995	\$ 76,895	Merrimack	No	\$ 22.87	\$ -	
Replacement Utility Truck	New Utility Truck to replace #9, 2014 F-350, 120k miles, High Maint & Repair costs	2204656		0.1 DSRF funds	26,459	\$ 70,000	Yes	\$ 53,600	\$ 53,600	\$ 76,500	Merrimack	No	\$ 22.87	\$ -	
Replacement Supervisor Pickup	New Full sized Pickup to replace #21, 2013 Chevy Equinox, 150k miles, Hi Maint & Repair costs	2204655	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	\$ 54,340	\$ 54,340	\$ 54,340	Merrimack	No	\$ 22.87	\$ -	
Prolectus Meter Upgrade	Prolectus Meter Upgrade	n/a	DW20-157	26,459	3/2/2021	\$ 22,000	Yes	\$ -	\$ -	\$ -	Nashua	Yes	\$ 23.55	\$ -	Deferred due to availability.
Miscellaneous Construction Equipment	Miscellaneous Construction Equipment	n/a	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	\$ -	\$ -	\$ -	Merrimack	No	\$ 22.87	\$ -	Budget money moved to a different unbudgeted project/projects.
New 22 Ton Tilt Trailer	22 Ton Tilt Trailer to transport Excavator for Distribution Crew Work	2205058	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	\$ 39,421	\$ 39,421	\$ 39,421	Merrimack	No	\$ 22.87	\$ -	
Air Compressor for Vac/Valve Truck	Inline Air Compressor for Valve/Vac Truck for Jack Hammer & other equipment use	2205777		0.1 DSRF funds	26,459	\$ 12,000	Yes	\$ 18,450	\$ 4,572	\$ 4,572	Merrimack	No	\$ 22.87	\$ -	
Air Compressor for Vac/Valve Truck	Inline Air Compressor for Valve/Vac Truck for Jack Hammer & other equipment use	2205777	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 13,878	\$ 13,878	\$ 13,878	Merrimack	No	\$ 22.87	\$ -	Residual of Air Compressor cost (row 27) not covered by 0.1 DSRF funds.
New 3" Neptune Construction Meters	Purchase 2 new 3" Neptune Construction Meters to meet Demand	2203895		0.1 DSRF funds	26,459	\$ -	Yes	\$ 2,890	\$ 2,890	\$ 2,890	Merrimack	No	\$ 22.87	\$ -	Misc Construction Equipment Budget - Row 23
New Cut Saws for Distribution	2 New Stihl Cust saws for Distribution	2203898		0.1 DSRF funds	26,459	\$ -	Yes	\$ 3,528	\$ 3,528	\$ 3,528	Merrimack	No	\$ 22.87	\$ -	Misc Construction Equipment Budget - Row 24
New Mechanics Field Service Vehicle	New Mechanics Field Service Vehicle	2204653	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 58,900	\$ 58,900	\$ 78,800	Merrimack	No	\$ 22.87	\$ -	Misc Construction Equipment Budget - Row 25
Replacement Utility Trailer	Replacement Utility Trailer for Foreman	2204991	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 6,800	\$ 6,800	\$ 6,800	Merrimack	No	\$ 22.87	\$ -	
New Neptune Construction Meters	2 New Neptune Construction Meters for Contractor requests	2205668	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 2,890	\$ 2,890	\$ 2,890	Merrimack	No	\$ 22.87	\$ -	Misc Construction Equipment Budget - Row 25
Irrigation Sys. Inst. at Dist. Facility	Installation of Irrigation System at Distribution Facility	2205669	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 3,120	\$ 3,120	\$ 3,120	Merrimack	No	\$ 22.87	\$ -	
Loam & Hydroseed at Dist. Facility	Installation of Loam and Hydroseeding at Distribution Facility	2205672	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 8,333	\$ 8,333	\$ 8,333	Merrimack	No	\$ 22.87	\$ -	
New Volvo ECR88D Excavator	New Volvo ECR88D Excavator	2208205	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 123,261	\$ 123,261	\$ 125,303	Merrimack	No	\$ 22.87	\$ -	
Purchase New 4-Ton hotbox w/30 Gal Tack Tank	Purchase New 4-Ton hotbox w/30 Gal Tack Tank	2208362	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 49,900	\$ 49,900	\$ 49,900	Merrimack	No	\$ 22.87	\$ -	
DynaPac Pavement Roller	DynaPac Pavement Roller	2208363	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 21,500	\$ 21,500	\$ 21,500	Merrimack	No	\$ 22.87	\$ -	
Trailer for Pavement Roller	Trailer for Pavement Roller	2208364	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 6,980	\$ 6,980	\$ 6,980	Merrimack	No	\$ 22.87	\$ -	
Purchase 4 New Pavement Saws	Purchase 4 New Pavement Saws	2209555	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 6,000	\$ 6,000	\$ 6,000	Merrimack	No	\$ 22.87	\$ -	
Kessler Farm Tank Replacement	Replaced 4 MG painted steel water tank with 4 MG prestressed, precast water tank.	2200501	DW20-157	26,459	3/2/2021	\$ 300,000	Yes	\$ 272,000	\$ 200,103	\$ 200,776	Nashua	Yes	\$ 23.55	\$ 4,728	
Coburn Woods (all side streets) Phase 1	Replace 4400 LF of 2 inch PVC with 4 inch DIPCL	2200500	DW20-157	26,459	3/2/2021	\$ 300,000	Yes	\$ 189,000	\$ 179,254	\$ 183,474	Nashua	Yes	\$ 23.55	\$ 4,321	
Miami Street	Complete main replacement and restoration in 2021 - Replace 429 LF of 2" CL pipe with 8" DIPCL	2201253	DW20-157	26,459	3/2/2021	\$ 177,000	Yes	\$ 187,550	\$ 186,176	\$ 185,648	Nashua	Yes	\$ 23.55	\$ 4,372	
Kendrick Street	Sewer work forces replacement of outdated 6" CI pipe with 466 LF of new 6" DIPCL	2201252	DW20-157	26,459	3/2/2021	\$ 190,000	Yes	\$ 130,000	\$ 142,868	\$ 142,894	Nashua	Yes	\$ 23.55	\$ 3,365	Paving on this was deferred until 2023. Paving cost will be reduced and shared with the City.
Faxon Avenue	Nearby sewer work forces replacement of outdated 2" CI pipe with 205 LF of new 4" C900 PVC	2201254	DW20-157	26,459	3/2/2021	\$ 86,000	Yes	\$ 86,000	\$ 86,000	\$ 83,841	Nashua	Yes	\$ 23.55	\$ 1,974	
Faxon Street	Sewer work forces replacement of outdated 6" CI pipe with 528 LF of new 6" DIPCL	2201255	DW20-157	26,459	3/2/2021	\$ 220,000	Yes	\$ 195,000	\$ 195,000	\$ 191,910	Nashua	Yes	\$ 23.55	\$ 4,519	Bid was lower than the engineer's estimate.
Chataqua Ave	Broad St. to End Replace/Add 780 feet of 1.25"4/6" installed in 1915-1963 with 4/6"	2200426	DW20-157	26,459	3/2/2021	\$ 209,000	Yes	\$ 267,000	\$ 267,068	\$ 267,095	Nashua	Yes	\$ 23.55	\$ 6,290	Paving restoration requirements were more than anticipated.
Niquette Dr.	E. Dunstable to service 12 Niquette Replace/Add 525 feet of 2" installed in 1960 with 4"	2200427	DW20-157	26,459	3/2/2021	\$ 131,000	Yes	\$ 127,200	\$ 128,323	\$ 128,363	Nashua	Yes	\$ 23.55	\$ 3,023	
Pine Hill Ave	Wright Rd. to End Replace/Add 300 feet of 1.25" installed in 1953 with 4"	2200422	DW20-157	26,459	3/2/2021	\$ 75,000	Yes	\$ 92,400	\$ 92,367	\$ 92,394	Nashua	Yes	\$ 23.55	\$ 2,176	Old pipe records were not accurate requiring more pipe to be replaced.
Mt. Pleasant St.	Merrimack St. to Manchester St. Replace/Add 400 feet of 1.5" installed in 1955 with 8"	2200423	DW20-157	26,459	3/2/2021	\$ 117,000	Yes	\$ 204,200	\$ 195,922	\$ 195,948	Nashua	Yes	\$ 23.55	\$ 4,615	More paving and night work than anticipated.
French St.	Merrimack St. to 10 French Replace/Add 340 feet of 2/6" installed in 1887 & 1926 with 4/6"	2200424	DW20-157	26,459	3/2/2021	\$ 87,000	Yes	\$ 178,040	\$ 173,709	\$ 173,736	Nashua	Yes	\$ 23.55	\$ 4,091	More paving and night work than anticipated.
Dudley St.	June St. to E. Hobart St. Replace/Add 830 feet of 1.25/8" CI/AC installed in 1957-1971 with 8"	2200428	DW20-157	26,459	3/2/2021	\$ 256,000	Yes	\$ 300,000	\$ 269,714	\$ 269,900	Nashua	Yes	\$ 23.55	\$ 6,356	
Ledgewood Hills Dr. /Heather	To Intersection Replace/Add 10 feet of Unconnected installed in with 8"	2200429	DW20-157	26,459	3/2/2021	\$ 5,000	Yes	\$ 5,500	\$ 11,059	\$ 11,059	Nashua	Yes	\$ 23.55	\$ 260	
Rita St.	Allids St. to 6 Rita Replace/Add 210 feet of 1.5" CI/CL installed in 1956 with 4"	2200430		0.1 DSRF funds	26,459	\$ 53,000	No	\$ 2,899	\$ 2,880	\$ 2,880	Nashua	No	\$ 23.55	\$ -	Design only
Salem St.	Whitney St. to Summer St. Replace/Add 855 feet of 4/6" installed in 1888-1927 with 6"	2200425		0.1 DSRF funds	26,459	\$ 253,000	No	\$ 300	\$ 728	\$ 848	Nashua	No	\$ 23.55	\$ -	Design only
Walnut St.	W. Pearl St. to W. Hollis St. Replace/Add 830 feet of 6/8" installed in 1888-1931 with 12"	2200431		0.1 DSRF funds	26,459	\$ 312,000	No	\$ 300	\$ 778	\$ 1,346	Nashua	No	\$ 23.55	\$ -	Design only
Garden Street	Emergency replacement of 150 LF of 6" CI/CP with 8" DIP	2208030	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 50,000	\$ 49,456	\$ 49,536	Nashua	Yes	\$ 23.55	\$ 1,167	City Sewer Project - Budget from row 54
Route 101A Water Main Relocation	Route 101A Water Main Relocation	n/a	DW20-157	26,459	3/2/2021	\$ 600,000	Yes	\$ -	\$ -	\$ -	Nashua	Yes	\$ 23.55	\$ -	
PWW RRA- ERP	Implement Recommendations Evaluated in 2021	n/a	DW20-157	26,459	3/2/2021	\$ 500,000	Yes	\$ -	\$ -	\$ -	Various	Yes	\$ 23.78	\$ -	Budget money moved to a different unbudgeted project/projects.
Milford Booster Station	Replace/Relocate Milford Booster Station (Design & Permitting)	2201853		0.1 DSRF funds	26,459	\$ 60,000	No	\$ 6,827	\$ 6,827	\$ 6,827	Milford	No	\$ 26.27	\$ -	Station to be designed, owned and operated by the Milford Water Department.
City Sewer Projects (2022)	Replace CI, AC, and other older main disrupted by sewer construction	n/a	DW20-157	26,459	3/2/2021	\$ 300,000	Yes	\$ -	\$ -	\$ -	Nashua	Yes	\$ 23.55	\$ -	No city sewer projects projected for remainder of year.
Coburn Tank Area HP Zone Watermain	Create new HP area with 1600 LF of Water Main and Check Valves	n/a		0.1 DSRF funds	26,459	\$ 800,000	Yes	\$ 5,000	\$ -	\$ -	Nashua	No	\$ 23.55	\$ -	Design only, project deferred
Coburn Tank Area HP Booster Station	New Domestic flow and pressure booster station	n/a		0.1 DSRF funds	26,459	\$ 550,000	Yes	\$ -	\$ -	\$ -	Nashua	No	\$ 23.55	\$ -	Design only, project deferred
Investment in Developer Services	1x Annual Revenue	Routine	DW20-157	26,459	3/2/2021	\$ 140,000	Yes	\$ 75,000	\$ 69,449	\$ 77,276	Various	Yes	\$ 23.78	\$ 1,838	96 Developer Services through 11/30/2022, 10 more projected by year end.
Trimble GPS and Monitoring Equipment	Level Monitors, Pressure Monitors and Flow Monitors	2204654	DW20-157	26,459	3/2/2021	\$ 32,000	Yes	\$ 20,000	\$ 20,000	\$ 9,156	Merrimack	No	\$ 22.87	\$ -	
Sweet Hill Interconnection	Connecting Pipeline and Meter Pit	2208920	SRF			\$ 220,000	Yes	\$ 10,000	\$ -	\$ -	Plaistow	Yes	\$ 24.40	\$ -	Design only, project deferred
Twin Ridge Interconnection	Connecting Pipeline and Meter Pit	2208919	SRF			\$ 100,000	Yes	\$ 10,000	\$ -	\$ -	Plaistow	Yes	\$ 24.40	\$ -	Design only, project deferred
Engineering Vehicle	SUV Replaces 2010 SUV #33 with over 118,000 miles.	n/a	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	\$ -	\$ -	\$ -	Nashua	No	\$ 23.55	\$ -	Budget money moved to 2201770.
Engineering Vehicle	SUV Replaces (#34) 2010 with over 196,000 miles.	n/a	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	\$ -	\$ -	\$ -	Nashua	No	\$ 23.55	\$ -	Budget money moved to 2206415.
Snow Station Building Addition	Addition of a third High Lift Pump (Design & Permitting)	n/a		0.1 DSRF funds	26,459	\$ 100,000	Yes	\$ -	\$ -	\$ -	Nashua	No	\$ 23.55	\$ -	Project deferred
Engineering Studies: WTP	Chemical Feed and Storage, PFAS treatment	2205826		0.1 DSRF funds	26,459	\$ 50,000	Yes	\$ 90,000	\$ 125,000	\$ 113,182	Nashua	No	\$ 23.55	\$ -	Design only
Atherton Commons	Install 9 Meter Boxes (Pits) and 45 inline meters with expansion tank	n/a	DW20-157												

Project Name/Description	Project Description	Work Order #	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Approved Budgeted Amount	QCPAC Eligible?	Estimated Year End Project Cost as of 09/30/2022	Estimated Project Cost as of 11/30/2022	Final Project cost as of 12/31/2022	Community	Taxable	Tax Rate (%)	QCPAC Eligible Property Tax Expense	Explanation for Change/Addition/Deletion since Feb 2022 Filing
Rebuild 1 High lift/intermediate pump	Rebuild 1 High lift/intermediate pump	n/a	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	\$ -	\$ -	\$ -	Nashua	Yes	\$ 23.55	\$ -	Budget money moved to a different unbudgeted project/projects.
WTP Structural/HVAC	WTP Structural/HVAC	n/a	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	\$ -	\$ -	\$ -	Nashua	Yes	\$ 23.55	\$ -	Budget money moved to a different unbudgeted project/projects.
Purchase new lab equipment	Purchase new lab equipment	n/a	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	\$ -	\$ -	\$ -	Nashua	No	\$ 23.55	\$ -	Budget money moved to a different unbudgeted project/projects.
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	n/a	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	\$ -	\$ -	\$ -	Various	Yes	\$ 23.78	\$ -	Design only. Project deferred until 2024 when grant money will be available.
Bowers Dam Spillway reconstruction/increase capacity	Bowers Dam Spillway reconstruction/increase capacity	2201369		0.1 DSRF funds		\$ 1,850,000	Yes	\$ 110,263	\$ 125,000	\$ 120,140	Merrimack/Nashua	No	\$ 23.21	\$ -	Deferred due to supply chain issues and potential funding through NHDES HHDP.
Vehicle replacement	vehicle replacement	2205056	DW20-157	26,459	3/2/2021	\$ 55,000	Yes	\$ 45,359	\$ 58,859	\$ 45,359	Nashua	No	\$ 23.55	\$ -	Deferred
Vehicle replacement	vehicle replacement	n/a	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	\$ -	\$ -	\$ -	Nashua	No	\$ 23.55	\$ -	
Re-paint FWPS ceiling	Re-paint FWPS ceiling	n/a	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	\$ -	\$ -	\$ -	Nashua	Yes	\$ 23.55	\$ -	Budget money moved to a different unbudgeted project/projects.
Carbon Filter Media	Carbon Filter Media	2202953	DW20-157	26,459	3/2/2021	\$ 1,300,000	Yes	\$ 1,433,000	\$ 1,433,000	\$ 1,432,922	Nashua	Yes	\$ 23.55	\$ 33,745	
Rebuild Bulk Sodium Hypochlorite Piping	Rebuild Bulk Sodium Hypochlorite piping system in the bulk chemical storage area at WTP	2202391		0.1 DSRF funds		\$ -	Yes	\$ 6,092	\$ 6,092	\$ 6,092	Nashua	Yes	\$ 23.55	\$ 143	
Purchase (2) confined space gas	Purchase (2) confined space gas monitors and related equipment	2203399		0.1 DSRF funds		\$ -	Yes	\$ 3,521	\$ 3,521	\$ 3,521	Nashua	Yes	\$ 23.55	\$ 83	
Purchase (2) Hach DR 900 devices	Purchase (2) Hach DR 900 water testing devices	2204849	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 4,240	\$ 4,240	\$ 4,240	Nashua	Yes	\$ 23.55	\$ 100	
Replace valve & actuator, Pulsator	Replacement of the valve and electric actuator for Pulsator Extraction Valve 2A	2204850	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 11,269	\$ 11,269	\$ 11,269	Nashua	Yes	\$ 23.55	\$ 265	
Purchase Underwater Remote Operated Veh.	Purchase Underwater Remote Operated Vehicle to perform tank inspections	2204919	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 10,224	\$ 10,224	\$ 10,224	Nashua	No	\$ 23.55	\$ -	
Replace Radio Comm. - Shakespeare Tank	Replacement of the spread spectrum radio system with a cellular system	2205518	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 5,245	\$ 5,245	\$ 5,245	Nashua	Yes	\$ 23.55	\$ 124	
Replace Soft Starter Pump 1 Taylor Falls	Replace Soft Starter Pump 1 Taylor Falls	2206239	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 3,880	\$ 3,880	\$ 3,880	Nashua	Yes	\$ 23.55	\$ 91	
Rebuild WTP, Polymer Feed 1 Mixer/Motor	Rebuild WTP, Polymer Feed 1 Mixer/Motor	2206240	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 4,500	\$ 4,500	\$ 4,500	Nashua	Yes	\$ 23.55	\$ 106	
Replace Uranium Treatment System	Replace Uranium Treatment System	2207274	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ -	\$ 22,942	\$ 22,942	Derry	Yes	\$ 24.62	\$ 565	Existing Uranium Treatment vessel developed a leak. Vessel replaced. Existing vessel must be disposed of at licensed landfill. Disposal will happen in 2023. New Vessel in service.
Replace Main Breaker Pump 1 Merrimack River	Replace 600 amp Main Breaker Pump 1 Merrimack River	2207860	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ -	\$ 3,886	\$ 3,886	Nashua	Yes	\$ 23.55	\$ 92	
Replace 2 bin Sys. Iso Valve at Drew Woods	Replace 2 bin System Isolation Valves at Drew Woods	2207867	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 3,857	\$ 3,857	\$ 3,857	Derry	Yes	\$ 24.62	\$ 95	
Purchase New TOC Analyzer	Purchase New TOC Analyzer	2208043	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ -	\$ -	\$ -	Nashua	Yes	\$ 23.55	\$ -	Not complete until 2023.
Replace Heat Circulator Pump at WTP	Replace Heat Circulator Pump at WTP	2208044	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ -	\$ 6,000	\$ 5,499	Nashua	Yes	\$ 23.55	\$ 130	
Purchase New Wach's Trav-L-Vacuum & Trailer	Purchase New Wach's Trav-L-Vacuum & Trailer	2208178		0.1 DSRF funds		\$ -	Yes	\$ -	\$ 29,950	\$ 29,520	Nashua	No	\$ 23.55	\$ -	
Replace Chlorine day tank #2, Nashua WTP	Replace Chlorine day tank #2, Nashua WTP	2209086	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ -	\$ 3,872	\$ 7,482	Nashua	Yes	\$ 23.55	\$ 176	
Redundant VPN Project	Replace current Firewall and add a second firewall and internet feed at Distribution	2201937		0.1 DSRF funds		\$ 14,000	Yes	\$ 13,772	\$ 13,772	\$ 13,772	Nashua	No	\$ 23.55	\$ -	
PLL Implementatin Project	2022 CMMS PLL Implementation CO	2201250		0.1 DSRF funds		\$ 10,000	Yes	\$ 10,139	\$ 10,139	\$ 10,139	Nashua	No	\$ 23.55	\$ -	
SEIM	On premise appliance that will sift through server logs looking for anomalies and notify IT of issues.	n/a		0.1 DSRF funds		\$ 40,000	Yes	\$ -	\$ -	\$ -	Nashua	No	\$ 23.55	\$ -	Deferred to 2023
Cameras for Plant	Update and add additional cameras at WTP and pond intakes to enhanced security	2201772		0.1 DSRF funds		\$ 137,000	Yes	\$ 29,725	\$ 29,725	\$ 29,725	Nashua	No	\$ 23.55	\$ -	Remainder of work (\$100,000) to be completed in 2023.
Virtualization of Engineering Applications	Virtual desktop environment for Engineering so that a user can work anywhere with a network connection without the need for high end desptops or laptops.	2207263		0.1 DSRF funds		\$ 83,000	Yes	\$ 44,000	\$ 44,000	\$ 51,001	Nashua	No	\$ 23.55	\$ -	
Secondary Production Storage	Additional storage to our production environment	2203420		0.1 DSRF funds		\$ 52,000	Yes	\$ 22,147	\$ 22,147	\$ 22,147	Nashua	No	\$ 23.55	\$ -	
Veeam Back Licensing to support SCADA Servers	Standardization of Backup software for SCADA servers to be what the rest of the Company uses.	n/a		0.1 DSRF funds		\$ 16,000	Yes	\$ -	\$ -	\$ -	Nashua	Yes	\$ 23.55	\$ -	No hardware required. Annual subscription, expensed.
5th Virtual Server	Due to our strategy of moving towards a virtualized infrastructure, this would give us the necessary redundancy incase on of our existing Virtual servers fails.	2203421		0.1 DSRF funds		\$ 45,000	Yes	\$ 30,946	\$ 30,955	\$ 30,955	Nashua	No	\$ 23.55	\$ -	
Boardroom Camera and Microphone	Needed as the equipment currently used from the previous facility is not providing a quality experience	2207849		0.1 DSRF funds		\$ 15,000	Yes	\$ 16,000	\$ 16,000	\$ 15,489	Nashua	No	\$ 23.55	\$ -	Equipment arrived. Installation completed in December.
Update Audio in Distribution Lunch/Training room	As we are doing more training at this location, additional configuration changes are needed.	n/a		0.1 DSRF funds		\$ 14,000	Yes	\$ -	\$ -	\$ -	Merrimack	No	\$ 22.87	\$ -	Budget money used for various software projects noted below.
Miscellaneous Software	Miscellaneous Software	n/a		0.1 DSRF funds		\$ 12,000	Yes	\$ -	\$ -	\$ -	Nashua	No	\$ 23.50	\$ -	Budget money used for various hardware projects noted below.
Miscellaneous Hardware	Miscellaneous Hardware	n/a		0.1 DSRF funds		\$ 22,000	Yes	\$ -	\$ -	\$ -	Nashua	No	\$ 23.55	\$ -	Budget money moved to a different unbudgeted project/projects.
AV Updates for Distribution 2022 CO	AV Updates for Distribution 2022 CO	2200432		0.1 DSRF funds		\$ -	Yes	\$ 4,880	\$ 4,880	\$ 4,880	Merrimack	No	\$ 22.87	\$ -	Misc Hardware budget
2022 Laptops for Remote Workers CO	2022 Laptops for Remote Workers CO	2201235		0.1 DSRF funds		\$ -	Yes	\$ 1,475	\$ 1,475	\$ 1,475	Various	No	\$ 23.78	\$ -	Misc Hardware budget
2022 SCADA Network Update CO	2022 SCADA Network Update CO	2201333		0.1 DSRF funds		\$ -	Yes	\$ 87,177	\$ 87,177	\$ 88,223	Nashua	Yes	\$ 23.55	\$ 2078	
Laptop for New Employee (IS)	Laptop for New Employee (IS)	2201855		0.1 DSRF funds		\$ -	Yes	\$ 2,081	\$ 2,081	\$ 2,081	Nashua	No	\$ 23.55	\$ -	Misc Hardware budget
Network Load Balancer	Network Load Balancer for VPN connections	2204822		0.1 DSRF funds		\$ -	Yes	\$ 6,780	\$ 6,780	\$ 6,780	Nashua	No	\$ 23.55	\$ -	Misc software budget
Mobile Device Purchases/Upgrades	Upgrading Users Mobile Devices	2205399		0.1 DSRF funds		\$ -	Yes	\$ 55,000	\$ 47,853	\$ 48,453	Various	No	\$ 23.78	\$ -	
Replacement Laptop for IS Employee	Replacement Laptop for IS Employee	2207262		0.1 DSRF funds		\$ -	Yes	\$ 2,559	\$ 2,559	\$ 2,559	Nashua	No	\$ 23.55	\$ -	Misc Hardware budget
SumTotal LMS Implementation	SumTotal LMS Implementation	2209088		0.1 DSRF funds		\$ -	Yes	\$ -	\$ 9,006	\$ 18,012	Nashua	No	\$ 23.55	\$ -	Misc software budget
New Vehicle for PWSC Employee	New Vehicle for PWSC Employee	2206415		0.1 DSRF funds		\$ -	Yes	\$ 29,012	\$ 29,013	\$ 29,012	Nashua	No	\$ 23.55	\$ -	
New Cubicle - Accounting Department	New Cubicle - Accounting Department	2209030		0.1 DSRF funds		\$ -	Yes	\$ -	\$ -	\$ 5,220	Nashua	No	\$ 23.55	\$ -	
Special Capital Project	New Laptop For Employee	2209703		0.1 DSRF funds		\$ -	Yes	\$ -	\$ -	\$ 1,269	Nashua	No	\$ 23.55	\$ -	
Special Capital Project	Rebuild Soft Starter Pump #2 Merrimack River Station	2300293		0.1 DSRF funds		\$ -	Yes	\$ -	\$ -	\$ 12,124	Merrimack	Yes	\$ 22.87	\$ 277	
Garden Street	Reconnect Nashua City Hall	2000388		0.1 DSRF funds		\$ -	Yes	\$ -	\$ -	\$ 1,215	Nashua	Yes	\$ 23.55	\$ 29	
Cataqua Avenue	Design Only	2101749		0.1 DSRF funds		\$ -	Yes	\$ -	\$ -	\$ 10,050	Nashua	No	\$ 23.55	\$ -	
Faxon Avenue Main Replacements	Faxon Avenue Main Replacements	2105579		0.1 DSRF funds		\$ -	Yes	\$ -	\$ -	\$ 1,233	Nashua	Yes	\$ 23.55	\$ 29	
Faxon Avenue Main Replacements	Faxon Avenue Main Replacements	2105580		0.1 DSRF funds		\$ -	Yes	\$ -	\$ -	\$ 2,089	Nashua	Yes	\$ 23.55	\$ 49	
AV Updates for Distribution	AV Updates for Distribution	2108535		0.1 DSRF funds		\$ -	Yes	\$ -	\$ -	\$ 8,854	Merrimack	No	\$ 22.87	\$ -	
Pinehill Avenue	Design Only	2109597		0.1 DSRF funds		\$ -	Yes	\$ -	\$ -	\$ 1,902	Nashua	No	\$ 23.55	\$ -	
Mount Pleasant Street	Design Only	2109598		0.1 DSRF funds		\$ -	Yes	\$ -	\$ -	\$ 4,072	Nashua	No	\$ 23.55	\$ -	
French Street	Design Only	2109599		0.1 DSRF funds		\$ -	Yes	\$ -	\$ -	\$ 3,424	Nashua	No	\$ 23.55	\$ -	
Niquette Street	Design Only	2109758		0.1 DSRF funds		\$ -	Yes	\$ -	\$ -	\$ 2,939	Nashua	No	\$ 23.55	\$ -	
Dudley Street	Design Only	2109759		0.1 DSRF funds		\$ -	Yes	\$ -	\$ -	\$ 1,111	Nashua	No	\$ 23.55	\$ -	
Ledgewood Hills Drive	Design Only	2109760		0.1 DSRF funds		\$ -	Yes	\$ -	\$ -	\$ 668	Nashua	No	\$ 23.55	\$ -	
Retainage	Paid out in 2022 on retainage held on 2023 projects.	N/A	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 190,342	\$ 231,442	\$ 479,371	Various	No	\$ 23.78	\$ -	
Retainage	Held on various projects listed above. Will be paid out in 2023.	N/A	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ (40,819)	\$ (370,098)	\$ (122,169)	Various	No	\$ 23.78	\$ -	
Projected short term interest on FALOC	Interest incurred to finance 2022 Capex until permanent financing is achieved	N/A	DW20-157	26,459	3/2/2021	\$ 155,000	Yes	\$ 207,000	\$ 207,000	\$ 204,000	N/A	No	N/A	\$ -	Interest rate on FALOC Balance was 1.836% at beginning of 2022 and was 4.865% at year end.
<b>Pennichuck Water Works Projected 2022 Total Capital Expenditure Budget -</b>						<b>\$ 12,146,500</b>		<b>\$ 5,819,017</b>	<b>\$ 6,131,010</b>	<b>\$ 6,742,259</b>	<b>Projected Property Tax Expense associated with</b>		<b>\$ 114,271</b>		

Total for 0.1 DSRF 2022 Projects -	\$ 150,000	\$ 151,851	\$ 793,486	\$ 940,380
Total Projected Bond funded PWW QCPAC Capex for 2022 -	\$ 11,616,500	\$ 5,667,166	\$ 5,337,524	\$ 5,801,879
Total Projected NHDES SRF/DWGTf funded PWW QCPAC Capex for 2022 -	\$ 320,000			
<b>Final Bond Amount -</b>	<b>\$ 5,801,879</b>			

Estimated Bond Terms (Bonds sold on April 26 2023) -	30	Years @	5.005716% resulting in P&I of	\$ 756,162	\$ 368,898	\$ 347,440	\$ 377,666
Estimated SRF Terms -	20	Years @	3.38% resulting in P&I of	\$ 22,272	\$ -	\$ -	\$ -
<b>Total Projected P&amp;I -</b>			<b>\$ 778,434</b>	<b>\$ 368,898</b>	<b>\$ 347,440</b>	<b>\$ 377,666</b>	

1. Tax rate is the sum of the Dec 2022 local community rate plus the Statewide Utility tax rate of \$6.60/\$1000  
 5. Available 0.1 DSRF at end of 2022 \$ 940,380 will be used to fund projects based on current projection that 2022 PWW RSF balance exceeds target Combined RSF amount of \$2,850,000  
 less \$ 60,000 for Milford Booster. Milford to pay for this work directly.  
 This note only applied to initial filing. Milford is now building the station and no Milford costs are in the QCPAC

Project Name/Description	Project Description	Work Order #	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Approved Budgeted Amount	QCPAC Eligible?	Final Project cost as of 12/31/2023	Community	Taxable	Tax Rate (I)	QCPAC Eligible Property Tax Expense	Explanation for Change/Addition/Deletion since Petition Filing
Replacement Dump Truck	suspension issues, electrical issues	2301817	DW20-157	26,459	3/2/2021	\$ 225,000	Yes	\$ 176,695	Various	No	\$ 23.57	\$ -	
2023 New Services (10)	Single Family, Owner Build, New Homes	Routine	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	\$ 123,668	Various	Yes	\$ 23.57	\$ 2,915	17 new services installed in 2023
2023 Renewed Services (20)	Replacement of Failed Services	Routine	DW20-157	26,459	3/2/2021	\$ 110,000	Yes	\$ 140,729	Various	Yes	\$ 23.57	\$ 3,317	41 services renewed during 2023
2023 Hydrants (10)	Replacement of non functional hydrants	Routine	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	\$ 49,366	Various	Yes	\$ 23.57	\$ 1,164	7 hydrants replaced/installed in 2023
2023 Gates (20)	Replacement of Failed Gate Valves	Routine	DW20-157	26,459	3/2/2021	\$ 80,000	Yes	\$ 62,676	Various	Yes	\$ 23.57	\$ 1,477	18 repaced in 2023
2023 Radios (200)	New Radios for new customers (133)	Routine	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	\$ 17,105	Various	Yes	\$ 23.57	\$ 403	133 radios installed in 2023
2023 Radios (2800)	Year 3 of 10 Replacement of all PWW Radios installed in 2007 (2800) by contractor	2300445	DW20-157	26,459	3/2/2021	\$ 364,000	Yes	\$ 395,074	Various	Yes	\$ 23.57	\$ 9,312	
2023 Meters (Growth) 5/8"-2" - Core & CWS (TBD)	New meters for new customers (311). Replacement of failed meters (311)	Routine	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	\$ 94,845	Various	Yes	\$ 23.57	\$ 2,236	300 installed in 2023.
2023 Meter - PFOA (25)	New Meters for PFOA customers (25)	Routine	DW20-157	26,459	3/2/2021	\$ 3,125	Yes		Various	Yes	\$ 23.57	\$ -	None expected in 2023
Replacement Utility Truck	body rot	2302830	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	\$ 85,528	Merrimack	No	\$ 24.56	\$ -	
Replacement Utility Truck	body rot	2303523	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	\$ 88,028	Merrimack	No	\$ 24.56	\$ -	
Replacement 1/2 Ton Pickup	due to not passing inspection	2304780	DW20-157	26,459	3/2/2021	\$ 55,000	Yes	\$ 52,209	Merrimack	No	\$ 24.56	\$ -	
Replacement 1/2 Ton Pickup	will become Hydrant Painting Van	2303524	DW20-157	26,459	3/2/2021	\$ 55,000	Yes	\$ 55,255	Merrimack	No	\$ 24.56	\$ -	
Protectus Meter Upgrade	Protectus Meter Upgrade	Bond	DW20-157	26,459	3/2/2021	\$ 30,000	Yes		Merrimack	Yes	\$ 24.56	\$ -	See Row 31 below. Replacement of Royal Crest Protectus meter.
Miscellaneous Construction Equipment	Miscellaneous Construction Equipment	Bond	DW20-157	26,459	3/2/2021	\$ 50,000	Yes		Merrimack	No	\$ 24.56	\$ -	
Trimble Remote Pressure Monitoring Kits	Trimble Remote Pressure Monitoring Kits	2301957	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	\$ 35,210	Merrimack	No	\$ 24.56	\$ -	Distribution & Engineering combined their budgets for this. Nothing in Eng. Dept.
Pro-Link Edge Heavy Duty Diagnostic Kit	Pro-Link Edge Heavy Duty Diagnostic Kit - Misc Equipment	2301958	DW20-157	26,459	3/2/2021		Yes	\$ 4,040	Merrimack	No	\$ 24.56	\$ -	Misc. Equipment
Replacement Foreman's Truck Truck	electrical issues, compressor needs to be replaced, No onboard air system, underpowered engine.	2301816	DW20-157	26,459	3/2/2021	\$ 275,000	Yes	\$ 226,200	Merrimack	No	\$ 24.56	\$ -	
Ford Meter Test Bench Upgrade	Upgrade of Ford Meter Test Bench to replace failed computer components and associated hardware fittings	2302944	DW20-157	26,459	3/2/2021	\$ 90,000	Yes	\$ 83,757	Nashua	No	\$ 23.26	\$ -	
N360 Meter Reading Upgrade	Tranceivers, 3 MRX920 Mobile Data Collectors, N360 Software subscription for 38K customers.	2304117	DW20-157	26,459	3/2/2021	\$ 155,000	Yes	\$ 156,782	Nashua	Yes	\$ 23.26	\$ 3,647	
Mechanics Field Service Vehicle	Mechanics Field Service Vehicle - Carryover from 2022	2301900	DW20-157	26,459	3/2/2021		Yes	\$ 8,000	Merrimack	No	\$ 24.56	\$ -	Misc. Equipment
Rigid Electric Pipe Freezer Kits	2 New Rigid Electric Pipe Freezer kits to replace existing non functioning kits	2308053	DW20-157	26,459	3/2/2021		Yes	\$ 8,546	Merrimack	No	\$ 24.56	\$ -	
3" Neptune Construction Meter Misc Equipment	3" Neptune Construction Meter Misc Equipment	2304982	DW20-157	26,459	3/2/2021		Yes	\$ 1,620	Merrimack	No	\$ 24.56	\$ -	Misc. Equipment
6" Meter Replacement at Royal	6" Meter Replacement at Royal = Protectus meter upgrade. See Row 23 above	2304958	DW20-157	26,459	3/2/2021		Yes	\$ 6,000	Nashua	Yes	\$ 23.26	\$ 140	Protectus Meter Upgrade
Swan Street	Replacing 160 LF of 1953 2" main with 4" PVC	2302922	DW20-157	26,459	3/2/2021	\$ 40,350	Yes	\$ 52,620	Nashua	Yes	\$ 23.26	\$ 1,224	Based on Bids
Chapman St.	Replacing 160 LF of 1948 1.25" main with 4" PVC	2302919	DW20-157	26,459	3/2/2021	\$ 40,350	Yes	\$ 63,189	Nashua	Yes	\$ 23.26	\$ 1,470	Based on Bids
Cote Ave	Replacing 470 LF of 1938 8" CI main with 8" DI	2302920	DW20-157	26,459	3/2/2021	\$ 129,700	Yes	\$ 154,688	Nashua	Yes	\$ 23.26	\$ 3,598	Based on Bids
Savoy St.	Replacing 140 LF of 1947 1.25" main with 6" DI	2302921	DW20-157	26,459	3/2/2021	\$ 42,250	Yes	\$ 65,995	Nashua	Yes	\$ 23.26	\$ 1,535	Based on Bids
Walnut St.	Replacing 1450 LF of 1888-1951 6" CI main with 12" DI	2300523	DW20-157	26,459	3/2/2021	\$ 453,000	Yes	\$ 443,554	Nashua	Yes	\$ 23.26	\$ 10,317	Based on Bids
Salem St.	Replacing 1450 LF of 1888-1927 4" & 6" CI main with 6" DI	2302654	DW20-157	26,459	3/2/2021	\$ 101,750	Yes	\$ 301,754	Nashua	Yes	\$ 23.26	\$ 7,019	Based on Bids
Dawn St.	Replacing 450 LF of 1954 1.5" & 2" main with 4" PVC	2303304	DW20-157	26,459	3/2/2021	\$ 184,000	Yes	\$ 116,703	Nashua	Yes	\$ 23.26	\$ 2,715	Based on Bids
Amory St.	Replacing 570 LF of 1887 8" CI main with 12" DI	2302672	DW20-157	26,459	3/2/2021	\$ 171,000	Yes	\$ 227,637	Nashua	Yes	\$ 23.26	\$ 5,295	Based on Bids
Union St.	Replacing 520 LF of 1909-1978 1.25"-4" main with 12" DI	2300524	DW20-157	26,459	3/2/2021	\$ -	No	\$ 188,515	Nashua	Yes	\$ 23.26	\$ 4,385	Based on Bids
Berkeley St.	Replacing 3080 LF of 1888-1912 6" CI main with 8" DI	2302649	DW20-157	26,459	3/2/2021	\$ 807,250	Yes	\$ 1,098,832	Nashua	Yes	\$ 23.26	\$ 25,559	Based on Bids
Temple St.	Replacing 975 LF of 1888 8" CI main with 12" DI	2302650	DW20-157	26,459	3/2/2021	\$ 311,500	Yes	\$ 201,777	Nashua	Yes	\$ 23.26	\$ 4,693	Based on Bids
Raymond St.	Replacing 2300 LF of 1887 8" CI main with 8" DI	2302655	DW20-157	26,459	3/2/2021	\$ 597,500	Yes	\$ 547,868	Nashua	Yes	\$ 23.26	\$ 12,743	Based on Bids
Hanover St.	Replacing 840 LF of 1888 4" CI main with 8" DI	2302656	DW20-157	26,459	3/2/2021	\$ 247,000	Yes	\$ 308,790	Nashua	Yes	\$ 23.26	\$ 7,182	Based on Bids
Blossom St.	Replacing 2395 LF of 1893-1916 4" & 6" CI main with 8" DI	2302673	DW20-157	26,459	3/2/2021	\$ 627,000	Yes	\$ 694,627	Nashua	Yes	\$ 23.26	\$ 16,157	Based on Bids
Eckler Street Main Replacement	Eckler Street Main Replacement	2302652	DW20-157	26,459	3/2/2021		Yes	\$ 38,233	Nashua	Yes	\$ 23.26	\$ 889	Based on Bids
271 Main Street Main Replacement	272 Main Street Main Replacement	2302653	DW20-157	26,459	3/2/2021		Yes	\$ 93,544	Nashua	Yes	\$ 23.26	\$ 2,176	Based on Bids
Bridge Street Main Replacement	Bridge Street Main Replacement	2306249	DW20-157	26,459	3/2/2021		Yes	\$ 29,179	Nashua	Yes	\$ 23.26	\$ 679	Based on Bids
Foster Court Main Replacement	Foster Court Main Replacement	2302641	DW20-157	26,459	3/2/2021		Yes	\$ 5,179	Nashua	Yes	\$ 23.26	\$ 120	Based on Bids
Risk and Criticality Assessment	Risk and Criticality Assessment	2303591	DW20-157	26,459	3/2/2021		Yes	\$ 59,073	Nashua	Yes	\$ 23.26	\$ 1,374	Based on Bids
Dudley Street Main Replacement	Dudley Street Main Replacement, completed in 2022. Payment to City for shared paving costs	2301194	DW20-157	26,459	3/2/2021		Yes	\$ 21,250	Nashua	Yes	\$ 23.26	\$ 494	Copyment to the City for pavement
Kendrick Street	Carry over shared paving cost with City of Nashua - Spring 2023	2301195	DW20-157	26,459	3/2/2021	\$ 12,000	Yes	\$ 11,423	Nashua	Yes	\$ 23.26	\$ 266	Copyment to the City for pavement
Kessler Farm Tank - landscape items	10+/- trees died and need replaced in spring 2023 - funds held in retainage until complete		DW20-157	26,459	3/2/2021	\$ 10,000	Yes		Nashua	Yes	\$ 23.26	\$ -	2022 payment to tank contractor was \$30,000 less and carried over into 2023
NH Rte. 101A - Amherst, NH	Total Project Cost exclusive of NHDOT contribution - Carryover	2301423	DW20-157	26,459	3/2/2021	\$ 550,000	N	\$ 353,088	Nashua	No	\$ 23.26	\$ -	Deposit required by NHDOT to include in Contractor Force Account work to complete this relocation in 2024
Twin Ridge Interconnection	150 of 8" DI with Meter Vault plus Station Demolition and Well Abandonment	2208919/2300494	DW 22-033	26,673	8/29/2022	\$ 270,000	Yes	\$ 318,814	Plastow	Yes	\$ 27.44	\$ 8,748	\$67,000 in clean up work remaining to be completed in Spring of 2024
Sweet Hill Interconnection	1600 LF of new 4 inch PVC watermain and Treatment Equipment	2208920/2300493	DW 22-033	26,673	8/29/2022	\$ 420,000	Yes	\$ 399,116	Plastow	Yes	\$ 27.44	\$ 10,952	\$94,000 in clean up work remaining to be completed in Spring of 2025
Parrish Hills HP Water Main	Create new HP area with 1600 LF of Water Main and Check Valves			0.1 DSRF Funds		\$ 40,000	Yes		Nashua	No	\$ 23.26	\$ -	Deferred until 2024
Parrish Hills HP Booster Station	New Domestic flow and pressure booster station			0.1 DSRF Funds		\$ 20,000	Yes		Nashua	No	\$ 23.26	\$ -	Deferred until 2025
Misc. Nashua, NH Emergency Sewer	Projects associated with the City of Nashua Sewer Replacement program (Design)			0.1 DSRF Funds		\$ 8,000	Yes		Nashua	No	\$ 23.26	\$ -	Deferred until 2026
Wilder St	Water Main replacement	2307902	DW20-157	26,459	3/2/2021		Yes	\$ 17,360	Nashua	Yes	\$ 23.26	\$ 404	
Pine St	Water Main replacement	2307903	DW20-157	26,459	3/2/2021		Yes	\$ 13,105	Nashua	Yes	\$ 23.26	\$ 305	
Ferson St.	Replacing 430 LF of 1931-1938 8" CI main with 12" DI - Design only. Construction in 2024			0.1 DSRF Funds		\$ 4,000	Yes		Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 2025 QCPAC
W. Otterson St.	Replacing 260 LF of 1936 8" CI main with 8" DI- Design only. Construction in 2024			0.1 DSRF Funds		\$ 4,000	Yes		Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 2025 QCPAC
Ritter St.	Replacing 210 LF of 1893 6" CI main with 8" DI- Design only. Construction in 2024	2304991		0.1 DSRF Funds		\$ 2,000	Yes	\$ 2,063	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 2025 QCPAC
Dexter St.	Replacing 1885 LF of 1941-1949 6" & 8" CI main with 8" DI- Design only. Construction in 2024	2304992		0.1 DSRF Funds		\$ 6,000	Yes	\$ 2,902	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 2025 QCPAC
Thomas St.	Replacing 420 LF of 1908-1926 6" CI main with 6" DI- Design only. Construction in 2024			0.1 DSRF Funds		\$ 4,000	Yes		Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 2025 QCPAC
Sawyer St.	Replacing 1620 LF of 1896-1907 6" CI main with 8" DI- Design only. Construction in 2024			0.1 DSRF Funds		\$ 6,000	Yes		Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 2025 QCPAC
Balcom St.	Replacing 1225 LF of 1911-1923 8" CI main with 8" DI- Design only. Construction in 2024			0.1 DSRF Funds		\$ 5,000	Yes		Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 2025 QCPAC
Crown St.	Replacing 225 LF of 1901 6" CI main with 8" DI- Design only. Construction in 2024	2304983		0.1 DSRF Funds		\$ 2,000	Yes	\$ 963	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 2025 QCPAC
Hobbs Ave	Replacing 490 LF of 1906 6" CI main with 8" DI- Design only. Construction in 2024	2304987		0.1 DSRF Funds		\$ 3,000	Yes	\$ 1,143	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 2025 QCPAC
Palm St.	Replacing 420 LF of 1890 4" CI main with 6" DI- Design only. Construction in 2024			0.1 DSRF Funds		\$ 3,000	Yes		Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 2025 QCPAC
Elm St.	Replacing 330 LF of 1892 6" CI main with 8" DI- Design only. Construction in 2024	2304988		0.1 DSRF Funds		\$ 3,000	Yes	\$ 1,721	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 2025 QCPAC
Newbury St.	Replacing 2250 LF of 1888-1940 6" & 8" CI main with 8" DI- Design only. Construction in 2024	2304990		0.1 DSRF Funds		\$ 6,000	Yes	\$ 1,605	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 2025 QCPAC
Copp Street - Design	Copp Street - Design	2304989		0.1 DSRF Funds			Yes	\$ 1,632	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 2025 QCPAC
McKean St.	Replacing 1690 LF of 1888 6" CI main with 8" DI- Design only. Construction in 2024			0.1 DSRF Funds		\$ 5,000	Yes		Nashua	No	\$ 23.26	\$ -	Design Deferred
Jones Ct - Design	Jones Ct - Design	2304993		0.1 DSRF Funds		\$ 10,000	Yes	\$ 1,143	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 2025 QCPAC
Jones Ct	Replacing 180 LF of 1.5 inch Galv with 4inch PVC			0.1 DSRF Funds			Yes		Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 2025 QCPAC
Troy St.	Abandon Replacing 290 LF of 1.5" & 2"	2304995		0.1 DSRF Funds		\$ 66,000	Yes	\$ 2,168	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 construction costs and recovered in 202

Project Name/Description	Project Description	Work Order #	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Approved Budgeted Amount	QCPAC Eligible?	Final Project cost as of 12/31/2023	Community	Taxable	Tax Rate (I)	QCPAC Eligible Property Tax Expense	Explanation for Change/Addition/Deletion since Petition Filing
Merrimack River Watershed Council	Grant Match with other Stakeholders \$40k year 2 of 5.		DW20-157	26,459	3/2/2021	\$ 40,000	Yes		Various	No	\$ 23.57	\$ -	
Merrimack River Intake Inspection	Merrimack River Intake Inspection	2306150		0.1 DSRR Funds			No	\$ 31,000	Merrimack	No	\$ 24.56	\$ -	
Investment in Developer Services	1x Annual Revenue	Routine	DW20-157	26,459	3/2/2021	\$ 100,000	Yes	\$ 42,100	Various	Yes	\$ 23.57	\$ 992	23 payments made in 2023
Chataqua Avenue Main Replacement Carryover	Chataqua Avenue Main Replacement Carryover	2307730	DW20-157	26,459	3/2/2021	\$ 12,500	Yes	\$ 12,500	Nashua	Yes	\$ 23.26	\$ 291	Sewer failed after watermain installed.
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	Routine	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	\$ 57,854	Various	Yes	\$ 23.57	\$ 1,364	8 booster pumps rebuilt or replaced during 2023
Well Pump replacements	Well Pump replacements	Routine	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	\$ 8,306	Various	Yes	\$ 23.57	\$ 196	2 Replaced through 10/31/23. No additional replacements projected through year end.
Chemical Feed pump replacements	Chemical Feed pump replacements	Routine	DW20-157	26,459	3/2/2021	\$ 10,000	Yes		Various	Yes	\$ 23.57	\$ -	
Replace Ferric Chloride Pump #1	Replace Ferric Chloride Pump #2	2305622	DW20-157	26,460	3/3/2021		Yes	\$ 13,068	Nashua	Yes	\$ 23.26	\$ 304	Chemical Feed Pump Replacement
Replace Radio Comms, various stations	Replace Radio Comms, various stations		DW20-157	26,459	3/2/2021	\$ 25,000	Yes		Various	Yes	\$ 23.57	\$ -	Project deferred until 2024
Replace Roof, backwash return pump station	Replace Roof, backwash return pump station	2303570	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	\$ 15,650	Nashua	Yes	\$ 23.26	\$ 364	
Misc. Structural Improvements	Misc. Structural Improvements		DW20-157	26,459	3/2/2021	\$ 30,000	No		Various	Yes	\$ 23.57	\$ -	
WTP Roof Top Unit #2, Replace Compressor	WTP Roof Top Unit #2, Replace Compressor	2308489	DW20-157	26,459	3/2/2021		Yes	\$ 3,318	Nashua	Yes	\$ 23.26	\$ 77	
Miscellaneous Equipment Purchased	Miscellaneous Equipment Purchased		DW20-157	26,459	3/2/2021	\$ 30,000	Yes		Various	Yes	\$ 23.57	\$ -	
Replace Generator Radiator, Badger Hill	Replace Generator Radiator, Badger Hill	2302644	DW20-157	26,459	3/2/2021		Yes	\$ 3,766	Milford	No	\$ 27.24	\$ -	Misc Equipment
Replace Generator Radiator, Bowers Landing	Replace Generator Radiator, Bowers Landing	2302833	DW20-157	26,459	3/2/2021		Yes	\$ 5,707	Merrimack	No	\$ 24.56	\$ -	Misc Equipment
Replace Generator Radiator, Sky Meadow	Replace Generator Radiator, Sky Meadow	2303353	DW20-157	26,459	3/2/2021		Yes	\$ 4,179	Nashua	No	\$ 23.26	\$ -	Misc Equipment
Pennichuck Brook Sondes	Installation of two new water quality sondes in Pennichuck brook Supply Ponds	2308606	DW20-157	26,459	3/2/2021		Yes	\$ 58,871	Nashua	Yes	\$ 23.26	\$ 1,369	Misc Equipment
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical		DW20-157	26,459	3/2/2021	\$ 60,000	Yes		Various	Yes	\$ 23.57	\$ -	
Replace Filter Turbidimeter Controller 5A/B & 6A/B	Replace Filter Turbidimeter Controller 5A/B & 6A/B	2301304	DW20-157	26,459	3/2/2021		Yes	\$ 6,016	Nashua	Yes	\$ 23.26	\$ 140	Miscellaneous SCADA/Electrical
Replace VFD Souhegan Woods Jockey Pump	Replace VFD Souhegan Woods Jockey Pump	2301953	DW20-157	26,459	3/2/2021		Yes	\$ 3,625	Amherst	Yes	\$ 26.94	\$ 98	Miscellaneous SCADA/Electrical
Filter 5B Acuator Replacement	Filter 5B Acuator Replacement	2302715	DW20-157	26,459	3/2/2021		Yes	\$ 18,206	Nashua	Yes	\$ 23.26	\$ 423	Miscellaneous SCADA/Electrical
Replace VFD Booster #4, Bowers Landing	Replace VFD Booster #4, Bowers Landing	2302716	DW20-157	26,459	3/2/2021		Yes	\$ 3,368	Merrimack	Yes	\$ 24.56	\$ 83	Miscellaneous SCADA/Electrical
Replace Soft Starter, NW Pump #1	Replace Soft Starter, NW Pump #1	2302957	DW20-157	26,459	3/2/2021		Yes	\$ 10,125	Nashua	Yes	\$ 23.26	\$ 236	Miscellaneous SCADA/Electrical
Replace VFD Booster #1, Armory Station	Replace VFD Booster #1, Armory Station	2303592	DW20-157	26,459	3/2/2021		Yes	\$ 2,621	Nashua	Yes	\$ 23.26	\$ 61	Miscellaneous SCADA/Electrical
Replace VFD Booster #4, Cabot Preserve	Replace VFD Booster #4, Cabot Preserve	2305442	DW20-157	26,459	3/2/2021		Yes	\$ 4,725	Bedford	Yes	\$ 21.40	\$ 101	Miscellaneous SCADA/Electrical
Rebuild 1 High lift/Intermediate pump	Rebuild 1 High lift/Intermediate pump	2307867	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	\$ 23,424	Nashua	Yes	\$ 23.26	\$ 545	
Replace Main Breaker, NW Pump #1	Replace Main Breaker, NW Pump #1	2304300	DW20-157	26,459	3/2/2021		Yes	\$ 4,504	Nashua	Yes	\$ 23.26	\$ 105	Miscellaneous SCADA/Electrical
Add 3rd Pump, Donald Street	Add 3rd Pump, Donald Street	2304867	DW20-157	26,459	3/2/2021		Yes	\$ 22,569	Bedford	Yes	\$ 21.40	\$ 483	
Rebuild Soft starter Pump #2	Rebuild Soft starter Pump #3	2300293	DW20-157	26,459	3/2/2021		Yes	\$ 12,124	Nashua	Yes	\$ 23.26	\$ 282	
Replacement Vehicle #3	Replacement Vehicle #3	2305036	DW20-157	26,459	3/2/2021		Yes	\$ 31,819	Nashua	No	\$ 23.26	\$ -	
Replacement Vehicle #115	Replacement Vehicle #115	2305035	DW20-157	26,459	3/2/2021		Yes	\$ 48,761	Nashua	No	\$ 23.26	\$ -	
WTP Structural/HVAC	WTP Structural/HVAC		DW20-157	26,459	3/2/2021	\$ 60,000	Yes		Nashua	Yes	\$ 23.26	\$ -	
Replace Roof Top Unit 1 AC, WTP	Replace Roof Top Unit 1 AC, WTP	2303323	DW20-157	26,459	3/2/2021		Yes	\$ 60,500	Nashua	Yes	\$ 23.26	\$ 1,407	WTP Structural/HVAC
Purchase new lab equipment	Purchase new lab equipment		DW20-157	26,459	3/2/2021	\$ 20,000	Yes		Nashua	No	\$ 23.26	\$ -	
Purchase New TOC Analyzer	Purchase New TOC Analyzer - Carryover	2302898	DW20-157	26,459	3/2/2021		Yes	\$ 29,702	Nashua	No	\$ 23.26	\$ -	Purchase new lab equipment
New Turbidimeter WTP	New Turbidimeter WTP	2302908	DW20-157	26,459	3/2/2021		Yes	\$ 5,534	Nashua	Yes	\$ 23.26	\$ 129	Purchase new lab equipment
Purchase New Lab Turbidimeter	Purchase New Lab Turbidimeter	2308577	DW20-157	26,459	3/2/2021		Yes	\$ 5,513	Nashua	No	\$ 23.26	\$ -	Purchase new lab equipment
Purchase New Hach DR 900 Water Analyzer	Purchase New Hach DR 900 Water Analyzer	2306993	DW20-157	26,459	3/2/2021		Yes	\$ 2,132	Nashua	Yes	\$ 23.26	\$ 50	Purchase new lab equipment
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects		DW20-157	26,459	3/2/2021	\$ 10,000	Yes		Various	Yes	\$ 23.57	\$ -	None completed in 2023
Replace Water Supply Vehicle	vehicle replacement #39, 2012 w/ 120,000 + miles	2305400	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	\$ 44,784	Nashua	No	\$ 23.26	\$ -	deferred
Replace Water Supply Vehicle	vehicle replacement #40 2014 w/100K miles, rust		DW20-157	26,459	3/2/2021	\$ 55,000	Yes		Nashua	No	\$ 23.26	\$ -	Budget moved to NC vehicle
Replace Water Supply Vehicle	Replace Vehicle #NC	2303525	DW20-157	26,459	3/2/2021		Yes	\$ 88,202	Nashua	No	\$ 23.26	\$ -	
Re-paint FWPS ceiling	Re-paint FWPS ceiling		DW20-157	26,459	3/2/2021	\$ 40,000	Yes		Nashua	Yes	\$ 23.26	\$ -	Deferred
Replace 6 filter turbidimeters (manufacturer no longer supports current units)	Replace 6 filter turbidimeters (manufacturer no longer supports current units)	2307225	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	\$ 29,389	Nashua	Yes	\$ 23.26	\$ 684	
Replace CFE Turbidimeter	Replace CFE Turbidimeter	2305498	DW20-157	26,459	3/2/2021		Yes	\$ 3,189	Nashua	Yes	\$ 23.26	\$ 74	
Additional 5HP Pump, Orchard Avenue Pump Station	Additional 5HP Pump, Orchard Avenue Pump Station	2300820	DW20-157	26,459	3/2/2021		Yes	\$ 8,689	Nashua	Yes	\$ 23.26	\$ 202	
Bowers Dam Spillway reconstruction/increase capacity	Bowers Dam Spillway reconstruction/increase capacity	2301305		0.1 DSRR Funds			Yes	\$ 21,539	Merrimack	No	\$ 24.56	\$ -	
Bower Pond Dam / FEMA Response	Bower Pond Dam / FEMA Response	2306145		0.1 DSRR Funds			Yes	\$ 6,050	Merrimack	No	\$ 24.56	\$ -	Prepare Grant application materials
Replace Uranium Treatment System, Glen Ridge	Replace Uranium Treatment System, Glen Ridge - Carryover	2301313	DW20-157	26,459	3/2/2021		Yes	\$ 14,892	Derry	Yes	\$ 25.87	\$ 385	
Replace Filter Media 5A thru 6B	Replace Filter Media 5A thru 6B	2303372	DW20-157	26,459	3/2/2021	\$ 600,000	Yes	\$ 595,577	Nashua	Yes	\$ 23.26	\$ 13,853	
Replace Roof, High Pine Ave Pump Station	Replace Roof, High Pine Ave Pump Station	2307326	DW20-157	26,459	3/2/2021		Yes	\$ 4,950	Nashua	Yes	\$ 23.26	\$ 115	25+ year old shingled roof starting leaking in late October.
Cameras for WTP	Cameras for WTP	2301514	DW20-157	26,459	3/2/2021	\$ 106,000	Yes	\$ 69,450	Nashua	Yes	\$ 23.26	\$ 1,615	
ESRI Utility Network	ESRI Utility Network	2300495	DW20-157	26,459	3/2/2021	\$ 253,000	Yes		Various	No	\$ 23.57	\$ -	Same project as line 143
Utility Network Migration	Utility Network Migration	2300495	DW20-157	26,459	3/2/2021		Yes	\$ 180,053	Various	No	\$ 23.57	\$ -	
Distribution Intercom and Camera update addition	update to the camera DVR system that is not under maintenance and should be updated due to age.	2303260	DW20-157	26,459	3/2/2021	\$ 75,000	Yes	\$ 62,158	Merrimack	Yes	\$ 24.56	\$ 1,527	
SEIM	On premise appliance that will sift through server logs looking for anomalies and notify IT of issues.		DW20-157	26,459	3/2/2021	\$ 40,000	Yes		Nashua	No	\$ 23.26	\$ -	Vendor has moved to annual subscription.
Replacement server for Nova	over the next few years. Otherwise, this system and its sister will need to be replaced in 2024 because they will	2304055	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	\$ 34,647	Nashua	No	\$ 23.26	\$ -	
IT User Hardware	Replacement Desktop Hardware for Jason, and Laptop fo Steve		DW20-157	26,459	3/2/2021	\$ 6,000	Yes		Various	No	\$ 23.57	\$ -	
Replacement Computer for IT Employee	Replacement Computer for IT Employee	2302945	DW20-157	26,459	3/2/2021		Yes	\$ 5,595	Various	No	\$ 23.57	\$ -	
Clicksoft Replacement Project	Due to the retirement of ClickSoft by the vendor, a replacement must be purchased and implemented.	2301991	DW20-157	26,459	3/2/2021	\$ 343,000	Yes	\$ 332,697	Various	No	\$ 23.57	\$ -	
iPad replacements	Replacement of iPad hardware as it becomes obsolete for field use.	2301990	DW20-157	26,459	3/2/2021	\$ 55,000	Yes	\$ 29,522	Various	No	\$ 23.57	\$ -	
DoForms Replacement/Clarior	Replace Existing DoForms with Clarior Data collection for WTP field staff		DW20-157	26,459	3/2/2021	\$ 40,000	Yes		Various	No	\$ 23.57	\$ -	Deferred until 2024
Miscellaneous Software	Miscellaneous Software		DW20-157	26,459	3/2/2021	\$ 14,000	Yes		Nashua	No	\$ 23.26	\$ -	
Miscellaneous Hardware	Miscellaneous Hardware		DW20-157	26,459	3/2/2021	\$ 22,000	Yes		Nashua	No	\$ 23.26	\$ -	
Purchase desktop for SCADA Tech	Purchase desktop for SCADA Tech	2300749	DW20-157	26,459	3/2/2021		Yes	\$ 1,886	Various	No	\$ 23.57	\$ -	
New Laptops for Multiple Users	New Laptops for Multiple Users	2301997	DW20-157	26,459	3/2/2021		Yes	\$ 4,968	Various	No	\$ 23.57	\$ -	
Internal Communications Monitors	Internal Communications Monitors	2302211	DW20-157	26,459	3/2/2021		Yes	\$ 11,846	Nashua	No	\$ 23.26	\$ -	
Utility Network Migration	Utility Network Migration	2208041	DW20-157	26,459	3/2/2021		Yes	\$ 33,549	Nashua	No	\$ 23.26	\$ -	
New Computer for IT Employee	New Computer for IT Employee	2304302	DW20-157	26,459	3/2/2021		Yes	\$ 2,354	Nashua	No	\$ 23.26	\$ -	
Replacement Laptop for Lori D	Replacement Laptop for Lori D	2305005	DW20-157	26,459	3/2/2021		Yes	\$ 2,745	Nashua	No	\$ 23.26	\$ -	
SumTotal LMS Implementation	SumTotal LMS Implementation	2301863	DW20-157	26,459	3/2/2021		Yes	\$ 18,012	Nashua	No	\$ 23.26	\$ -	
SCADA Network Update - Carryover	SCADA Network Update - Carryover	2302535	DW20-157	26,459	3/2/2021		Yes	\$ 2,630	Nashua	Yes	\$ 23.26	\$ 61	
User Laptop Replacements	User Laptop Replacements	2303450	DW20-157	26,459	3/2/2021		Yes	\$ 10,560	Various	No	\$ 23.57	\$ -	
Network Storage for Video Production	Network Storage for Video Production	2303616	DW20-157	26,459	3/2/2021		Yes	\$ 1,780	Nashua	No	\$ 23.26	\$ -	
Stand Up Desk for New Employee	Stand Up Desk for New Employee	2304351	DW20-157	26,459	3/2/2021		Yes	\$ 1,147	Nashua	No	\$ 23.26	\$ -	
Installing Internet Access at River	Installing Internet Access at River	2304998	DW20-157	26,459	3/2/2021		Yes	\$ 5,989	Merrimack	Yes	\$ 24.56	\$ 147	
Additional Microphone for Boardroom	Additional Microphone for Boardroom	2306389	DW20-157	26,459	3/2/2021		Yes	\$ 4,245	Nashua	No	\$ 23.26	\$ -	
New Office Furniture Main Facility	New Office Furniture Main Facility	2302758	DW20-157	26,459	3/2/2021		Yes	\$ 10,052	Nashua	No	\$ 23.26	\$ -	
PWW Milford Wholesale Water Contract	Development and approval of new multi year special contract	2209825		Financed through approved special agreement			No	\$ 17,017	Nashua	No	\$ 23.26	\$ -	Contract approved by NHPUC with expenses associated with the approval being recovered through approved rates
New Boardroom Chairs	New Boardroom Chairs	2											

Project Name/Description	Project Description	Work Order #	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Approved Budgeted Amount	QCPAC Eligible?	Final Project cost as of 12/31/2023	Community	Taxable	Tax Rate (1)	QCPAC Eligible Property Tax Expense	Explanation for Change/Addition/Deletion since Petition Filing
Total Projected NHDES SRF/DWGTF funded PWW QCPAC Capex for 2023 -						\$ 642,000		\$ 642,000					
	Estimated Bond Terms (Bonds to be sold in April 2024) -	30	Years @		6.50% resulting in P&I of	\$ 715,569							
	NHDES SRF terms -	20	Years @		1.250% resulting in P&I of	\$ 36,500							
					Total 2023 P&I -	\$ 752,070							

1. Tax rate is the sum of the Dec 2023 local community rate plus the Statewide Utility tax rate of \$6.60/\$1000

Project Name/Description	Project Description	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Approved Budgeted Amount	QCPAC Eligible?	Community	Taxable	Tax Rate (l)	QCPAC Eligible Property Tax Expense
2024 New Services (10)	Single Family, Owner Build, New Homes	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Various	Yes	\$ 23.57	\$ 1,179
2024 Renewed Services (20)	Replacement of Failed Services	DW20-157	26,459	3/2/2021	\$ 110,000	Yes	Various	Yes	\$ 23.57	\$ 2,593
2024 Hydrants (10)	Replacement of non-functional hydrants	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Various	Yes	\$ 23.57	\$ 1,414
2024 Gates (20)	Replacement of Failed Gate Valves	DW20-157	26,459	3/2/2021	\$ 80,000	Yes	Various	Yes	\$ 23.57	\$ 1,886
2024 Radios (200)	New Radios for new customers (200)	DW20-157	26,459	3/2/2021	\$ 24,000	Yes	Various	Yes	\$ 23.57	\$ 566
2024 Radios - (2800)	Yr 4 of 10 Replacment of all PWW Radios installed in 2007 (2800) by contractor	DW20-157	26,459	3/2/2021	\$ 364,000	Yes	Various	Yes	\$ 23.57	\$ 8,579
2024 Meters (Growth) 5/8"-2" - Core & CWS (TBD)	New meters for new customers (200). Replacement of failed meters(200)	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Various	Yes	\$ 23.57	\$ 1,179
Replacement Utility Truck	New Utility Truck to replace VEH #75, 2012 Chevy Box Truck with 110K+ miles, suspension & body rot issues and high maint costs.	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	Merrimack	No	\$ 24.56	\$ -
Protectus Meter Upgrade	Protectus Meter Upgrade	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Various	Yes	\$ 23.57	\$ 707
Miscellaneous Construction Equipment	Miscellaneous Construction Equipment	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Various	No	\$ 23.57	\$ -
Replacement Hydrant Crane Truck	New Hydrant/Crane Truck to replace #19 - 2011 Ford F-450 High Milage & Hours, Extensive Vehicle & Crane Maint, Hydraulics issues with Crane	DW20-157	26,459	3/2/2021	\$ 225,000	Yes	Merrimack	No	\$ 24.56	\$ -
Replacement Foreman Truck Truck	New Forman's Truck to replace #357- 2018 Kenworth T170, 6000 Hrs, 70K Miles - Continuous maintenance, electrical issues, compressor needs to be replaced, No onboard air system, underpowered engine.	DW20-157	26,459	3/2/2021	\$ 300,000	Yes	Merrimack	No	\$ 24.56	\$ -
Perimeter Fence	Install new perimeter fence from access road near tower, around backside of facility and tie into fencing around WTP retention ponds.	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Merrimack	Yes	\$ 24.56	\$ 1,228
Criticality Assessment Project	Criticality Assessment Project		0.1 DSRR Funds		\$ 31,000	Yes	Various	No	\$ 23.57	\$ -
Amory St.	Replacing 570 LF of 1887 8" CI main with 12" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 87,000	Yes	Nashua	Yes	\$ 23.26	\$ 2,024
Union St.	Replacing 520 LF of 1909-1978 1.25"-4" main with 12" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 80,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,861
Temple St.	Replacing 975 LF of 1888 8" CI main with 12" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 147,000	Yes	Nashua	Yes	\$ 23.26	\$ 3,419
271 Main Street	Replacing 260 LF of 1946 1.25" main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 37,000	Yes	Nashua	Yes	\$ 23.26	\$ 861
Crown St.	Replacing 225 LF of 1901 6" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 94,000	Yes	Nashua	Yes	\$ 23.26	\$ 2,186
Hobbs Avenue	Replacing 487 LF of 1906 6" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 194,000	Yes	Nashua	Yes	\$ 23.26	\$ 4,512
Elm St	Replacing 327 LF of 1892 6" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 135,000	Yes	Nashua	Yes	\$ 23.26	\$ 3,140
Newbury Street	Replacing 2250 LF of 1888-1940 6" & 8" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 865,000	Yes	Nashua	Yes	\$ 23.26	\$ 20,120
Ritter Street	Replacing 207 LF of 1893 6" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 90,000	Yes	Nashua	Yes	\$ 23.26	\$ 2,093
Dexter Street	Replacing 1885 LF of 1941-1949 6" & 8" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 731,000	Yes	Nashua	Yes	\$ 23.26	\$ 17,003
Jones Court	Replacing 180 LF of 1" & 1.5" Galv with 4" PVC	DW20-157	26,459	3/2/2021	\$ 66,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,535
Broadview Avenue	Replacing 435 feet of 1.5" & 8" with 4" PVC & 8" DI	DW20-157	26,459	3/2/2021	\$ 167,000	Yes	Nashua	Yes	\$ 23.26	\$ 3,884
Troy Street	Abandon 290 LF of 1.5" CL & 2" CL	DW20-157	26,459	3/2/2021	\$ 27,000	Yes	Nashua	Yes	\$ 23.26	\$ 628
Copp Street	Replacing 335 LF of 1927 6" CI with 6"	DW20-157	26,459	3/2/2021	\$ 154,000	Yes	Nashua	Yes	\$ 23.26	\$ 3,582
Sweet Hill Interconnection	Landscaping and Pavement Restoration	DW20-157	26,459	3/2/2021	\$ 94,000	Yes	Plaistow	Yes	\$ 27.44	\$ 2,579
Twin Ridge Interconnection	Final Restoration	DW20-157	26,459	3/2/2021	\$ 7,000	Yes	Plaistow	Yes	\$ 27.44	\$ 192
English Woods Supplemental Source	English Woods Supplemental Source	DW20-157	26,459	3/2/2021	\$ 300,000	Yes	Various	Yes	\$ 22.57	\$ 6,771
Investment in Developer Services	1x Annual Revenue	DW20-157	26,459	3/2/2021	\$ 100,000	Yes	Various	Yes	\$ 23.57	\$ 2,357
Trimble GPS and Water (flow, level, quality) Monitoring Equipment	Level Monitors, Pressure Monitors and Flow Monitors	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Various	No	\$ 23.57	\$ -
RRA - ERP Improvements	RRA - ERP Improvements	DW20-157	26,459	3/2/2021	\$ 35,000	Yes	Various	No	\$ 24.57	\$ -
Engineering Vehicle	Truck Replaces (#31) 2012 Chevy Colorado with over 111,000 miles	DW20-157	26,459	3/2/2021	\$ 45,000	Yes	Nashua	No	\$ 23.26	\$ -
Route 101A Water Main Relocation	Route 101A Water Main Relocation	DW20-157	26,459	3/2/2021	\$ 1,017,000	Yes	Nashua	Yes	\$ 23.26	\$ 23,655
West Hollis & Main St	Intersection reconstruction	DW20-157	26,459	3/2/2021	\$ 346,000	Yes	Nashua	Yes	\$ 23.26	\$ 8,048
Reed Court	Replacing 170 LF of 1968 1" CT main with 2" HDPE		0.1 DSRR Funds		\$ 5,000	Yes	Nashua	No	\$ 23.26	\$ -
Atwood Court	Replacing 130 LF of 1950 2" CL main with 2" HDPE		0.1 DSRR Funds		\$ 4,000	Yes	Nashua	No	\$ 23.26	\$ -
Lucier Street	Replacing 340 LF of 1928-1947 1.5" CL & 4" CI main with 8" DI		0.1 DSRR Funds		\$ 12,000	Yes	Nashua	No	\$ 23.26	\$ -
Atherton Avenue	Replacing 200 LF of 1959 2" GALV main with 4" PVC		0.1 DSRR Funds		\$ 7,000	Yes	Nashua	No	\$ 23.26	\$ -
Riverview Street	Replacing 190 LF of 1951 2" CL main with 4" PVC		0.1 DSRR Funds		\$ 7,000	Yes	Nashua	No	\$ 23.26	\$ -
Foster Court	Replacing 165 LF of 1963 1" CT main with 2" HDPE		0.1 DSRR Funds		\$ 5,000	Yes	Nashua	No	\$ 23.26	\$ -
Highland Place	Replacing 230 LF of 1924 2" GALV main with 4" PVC		0.1 DSRR Funds		\$ 8,000	Yes	Nashua	No	\$ 23.26	\$ -
Palm Street	Replacing 420 LF of 1890 4" CI main with 6" DI		0.1 DSRR Funds		\$ 15,000	Yes	Nashua	No	\$ 23.26	\$ -
Long Avenue	Installing 115 LF of new 8" DI to complete loop		0.1 DSRR Funds		\$ 4,000	Yes	Nashua	No	\$ 23.26	\$ -
Long Avenue	Replacing 65 LF of 1939 1.25" CL main with 2" HDPE		0.1 DSRR Funds		\$ 2,000	Yes	Nashua	No	\$ 23.26	\$ -
Short Avenue	Replacing 210 LF of 1926 6" CI main with 8" DI		0.1 DSRR Funds		\$ 8,000	Yes	Nashua	No	\$ 23.26	\$ -
2nd Street	Replacing 235 LF of 1961 and 2005 2" CT & CL main with 4" PVC		0.1 DSRR Funds		\$ 8,000	Yes	Nashua	No	\$ 23.26	\$ -
Yvonne Street	Replacing 200 LF of 1929 1.25" CL main with 2" HDPE		0.1 DSRR Funds		\$ 6,000	Yes	Nashua	No	\$ 23.26	\$ -
Daniels Street	Replacing 205 LF of 1955 1.5" CL main with 2" HDPE		0.1 DSRR Funds		\$ 6,000	Yes	Nashua	No	\$ 23.26	\$ -
George Street	Replacing 195 LF of 1948 2" CI main with 2" HDPE		0.1 DSRR Funds		\$ 6,000	Yes	Nashua	No	\$ 23.26	\$ -
Tetreau Street	Replacing 450 LF of 1957 1.25" GALV main with 2" HDPE		0.1 DSRR Funds		\$ 12,000	Yes	Nashua	No	\$ 23.26	\$ -
Notre Dame Street	Replacing 385 LF of 1926 & 1950 1.5" CL & 2" CL main with 2" HDPE		0.1 DSRR Funds		\$ 11,000	Yes	Nashua	No	\$ 23.26	\$ -
Haines Street	Abandoning 75 LF of 1934 1.5" SPL main		0.1 DSRR Funds		\$ 1,000	Yes	Nashua	No	\$ 23.26	\$ -
Santerre Street	Replacing 530 LF of 1961 & 1962 2" CL main with 4" PVC		0.1 DSRR Funds		\$ 17,000	Yes	Nashua	No	\$ 23.26	\$ -
Lakeside Avenue	Replacing 266 LF of 1949 1.25" CL main with 4" PVC		0.1 DSRR Funds		\$ 9,000	Yes	Nashua	No	\$ 23.26	\$ -
St. Lazare Street	Replacing 405 LF of 1955-1959 1.5" CL and 2" CL main with 4" PVC		0.1 DSRR Funds		\$ 13,000	Yes	Nashua	No	\$ 23.26	\$ -
Spaulding Avenue	Replacing 435 LF of 1924-1940 1.25"CL , 2" CL, and 6" CI main with 4" PVC		0.1 DSRR Funds		\$ 14,000	Yes	Nashua	No	\$ 23.26	\$ -

Project Name/Description	Project Description	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Approved Budgeted Amount	QCPAC Eligible?	Community	Taxable	Tax Rate (l)	QCPAC Eligible Property Tax Expense
Arlington Avenue	Replacing 265 LF of 1920 & 1926 2" GALV and 4" CI main with 4" PVC		0.1 DSRR Funds		\$ 9,000	Yes	Nashua	No	\$ 23.26	\$ -
Auburn Street	Replacing 1190 LF of 1882-1887 4" CI and 8" CI main with 8" DI		0.1 DSRR Funds		\$ 42,000	Yes	Nashua	No	\$ 23.26	\$ -
Eaton Street	Replacing 490 LF of 1912 6" CI main with 12" DI		0.1 DSRR Funds		\$ 21,000	Yes	Nashua	No	\$ 23.26	\$ -
N. 2nd Street	Replacing 140 LF of 1919 6" CI main with 4" PVC		0.1 DSRR Funds		\$ 5,000	Yes	Nashua	No	\$ 23.26	\$ -
Alstead Avenue	Replacing 320 LF of 1920 4" CI main with 4" PVC		0.1 DSRR Funds		\$ 11,000	Yes	Nashua	No	\$ 23.26	\$ -
Bordeaux Street	Replacing 275 LF of 1960 2" CL & GALV main with 4" PVC		0.1 DSRR Funds		\$ 10,000	Yes	Nashua	No	\$ 23.26	\$ -
King Street	Replacing 865 LF of 1923 & 1957 6" CI main with 6" DI		0.1 DSRR Funds		\$ 30,000	Yes	Nashua	No	\$ 23.26	\$ -
Ferson Street	Replacing 429 LF of 1931-1938 8" CI main with 12" DI		0.1 DSRR Funds		\$ 18,000	Yes	Nashua	No	\$ 23.26	\$ -
Thomas Street	Replacing 422 LF of 1908-1926 6" CI main with 6" DI		0.1 DSRR Funds		\$ 15,000	Yes	Nashua	No	\$ 23.26	\$ -
Sawyer Street	Replacing 1620 LF of 1896-1907 6" CI main with 8" DI		0.1 DSRR Funds		\$ 55,000	Yes	Nashua	No	\$ 23.26	\$ -
McKean Street	Replacing 1688 LF of 1888 6" CI main with 8" DI		0.1 DSRR Funds		\$ 59,000	Yes	Nashua	No	\$ 23.26	\$ -
Balcom Street	Replacing 1222 LF of 1911-1923 8" CI main with 8" DI		0.1 DSRR Funds		\$ 43,000	Yes	Nashua	No	\$ 23.26	\$ -
Thayer Court	Replacing 270 LF of 1910 6" CI main with 4" PVC		0.1 DSRR Funds		\$ 9,000	Yes	Nashua	No	\$ 23.26	\$ -
Gray Avenue	Replacing 335 LF of 1907 6" CI with 8"		0.1 DSRR Funds		\$ 15,000	Yes	Nashua	No	\$ 23.26	\$ -
Twin Ridge Station Demolition & Well Decommission	Twin Ridge Station Demolition & Well Decommission	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Plaistow	No	\$ 27.44	\$ -
Great Bay PFAS Station Upgrades	Design for Great Bay PFAS Station Upgrades		0.1 DSRR Funds		\$ 8,000	Yes	Newmarket	No	\$ 34.12	\$ -
Badger Hill PFAS Station Upgrades	Design for Badger Hill PFAS Station Upgrades		0.1 DSRR Funds		\$ 11,000	Yes	Milford	No	\$ 27.24	\$ -
Lead & Copper Plan	Lead & Copper Plan		0.1 DSRR Funds		\$ 100,000	Yes	Various	No	\$ 23.57	\$ -
Meadowcrest Drive - Bedford	Remove and replace 1900 LF of 4" A/C main with 8" DI w/20 M-S Services	DW20-157	26,459	3/2/2021	\$ 660,000	Yes	Bedford	Yes	\$ 21.40	\$ 14,124
City Sewer Projects	City Sewer Projects	DW20-157	26,459	3/2/2021	\$ 250,000	Yes	Nashua	Yes	\$ 23.26	\$ 5,815
West Pearl Street	Relocation of Main around 5 Catch Basins	DW20-157	26,459	3/2/2021	\$ 100,000	Yes	Nashua	Yes	\$ 23.26	\$ 2,326
Data Analytics Software	Software to bring all our data collected into one useable platform with Dashboarding & Analytics	DW20-157	26,459	3/2/2021	\$ 75,000	Yes	Nashua	No	\$ 24.26	\$ -
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Various	Yes	\$ 23.57	\$ 943
Well Pump replacements	Well Pump replacements	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Various	Yes	\$ 23.57	\$ 943
Chemical Feed pump replacements	Chemical Feed pump replacements	DW20-157	26,459	3/2/2021	\$ 24,000	Yes	Various	Yes	\$ 23.57	\$ 566
Replace Radio Comms, various stations	Replace Radio Comms, various stations	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	Various	Yes	\$ 23.57	\$ 589
Purchase Small Vac Trailer for Arsenic Media changeout	Purchase Small Vac Trailer for Arsenic Media changeout	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Various	No	\$ 23.57	\$ -
Misc. Structural Improvements	Misc. Structural Improvements	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Various	Yes	\$ 23.57	\$ 707
Miscellaneous Equipment Purchased	Miscellaneous Equipment Purchased	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Various	Yes	\$ 23.57	\$ 1,179
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Various	Yes	\$ 23.57	\$ 1,414
Rebuild 1 High lift/Intermediate pump	Rebuild 1 High lift/Intermediate pump	DW20-157	26,459	3/2/2021	\$ 75,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,745
WTP Structural/HVAC	WTP Structural/HVAC	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,396
Purchase new lab equipment	Purchase new lab equipment	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	Nashua	No	\$ 23.26	\$ -
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	Various	Yes	\$ 23.57	\$ 236
Bowers Dam Spillway reconstruction/increase capacity	Bowers Dam Spillway reconstruction/increase capacity	DW20-157	26,459	3/2/2021	\$ 2,500,000	Yes	Merrimack	Yes	\$ 24.56	\$ 61,400
WTP vehicle replacement 212	WTP vehicle replacement 212	DW20-157	26,459	3/2/2021	\$ 75,000	Yes	Nashua	No	\$ 23.26	\$ -
WTP vehicle replacement 113	WTP vehicle replacement 113	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Nashua	No	\$ 23.26	\$ -
WTP vehicle replacement 111	WTP vehicle replacement 111	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Nashua	No	\$ 23.26	\$ -
Re-paint FWPS ceiling	Re-paint FWPS ceiling	DW20-157	26,459	3/2/2021	\$ 150,000	Yes	Nashua	Yes	\$ 23.26	\$ 3,489
Replace 6 filter turbidimeters (manufacturer no longer supports current units)	Replace 6 filter turbidimeters (manufacturer no longer supports current units)	DW20-157	26,459	3/2/2021	\$ 45,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,047
Replace FWPS Roof Top Unit	Replace FWPS Roof Top Unit	DW20-157	26,459	3/2/2021	\$ 80,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,861
WTP foreman's tool box	WTP foreman's tool box	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	Nashua	No	\$ 23.26	\$ -
Building roof replacement Redfield	Building roof replacement Redfield	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	Derry	Yes	\$ 25.87	\$ 517
Building roof replacement Drew Woods	Building roof replacement Drew Woods	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	Derry	Yes	\$ 25.87	\$ 517
Building roof replacement Badger Hill	Building roof replacement Badger Hill	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	Milford	Yes	\$ 27.24	\$ 681
Roof replacement Valley Field	Roof replacement Valley Field	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	Plaistow	Yes	\$ 27.44	\$ 686
UPS Expansion	Our current UPS system is approaching uncomfortable levels of usage. The existing UPS is a 16kVA unit, with a current draw of approximately 12kVA. Moreover, it represents a single point of failure within our data center.  I recommend that we install an 8kVA unit to complement the larger 16kVA unit. Additionally, when it comes time to replace the 16kVA unit, I propose replacing it with two smaller units instead of a single large one. This configuration will provide redundancy and overlap, with a total of three 8kVA units in place.	DW20-157	26,459	3/2/2021	\$ 15,000	Yes	Nashua	No	\$ 23.26	\$ -
Upgrade for the phone system	The current phone system is running on Cisco version 12.5. However, please note that this software is no longer available for purchase as of August 31st, 2023. The last day of support for this current version will be August 31st, 2025. I strongly recommend that we update to the latest version of Cisco Call Manager.  During this update, we plan to relocate one of the server nodes to the distribution center to ensure redundancy for that side of town in case of a failure in the dark fiber link between DW and HQ. The associated costs will primarily consist of professional services provided by an external vendor.	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	Nashua	No	\$ 23.26	\$ -

Project Name/Description	Project Description	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Approved Budgeted Amount	QCPAC Eligible?	Community	Taxable	Tax Rate (l)	QCPAC Eligible Property Tax Expense
Replacement for disk array	Our core disk array, an HPE Nimble installed in 2018, has reached the industry-standard life expectancy for production loads of approximately five years. We are currently out of the manufacturer's warranty and under a third-party warranty that only covers parts. While the storage performance has met our needs, it is essential to address the aging hardware and risks it brings. • Aging Hardware: Our HPE Nimble hybrid flash array, which has been in service since 2018, is approaching the industry-standard life expectancy of five years for production loads. • Warranty Status: We are currently operating without manufacturer warranty coverage and relying on a third-party warranty that only covers parts. This leaves us vulnerable to potential downtime and increased repair costs in case of component failures. • Storage Performance: While our current array has effectively met our storage performance needs, the evolving demands of our organization, including the need for faster data access and application responsiveness as we scale our operations, must be considered. • Cost-Efficiency: Despite the initial cost-effectiveness of our existing array, we need to weigh this against the escalating risks and costs associated with aging hardware, including maintenance, repair, and downtime costs. Benefits of Upgrading: • Performance Improvement: An all-flash array offers significantly faster data access times, leading to improved application responsiveness and overall productivity. • Enhanced Reliability: Flash storage's lack of mechanical parts reduces the risk of disk failures and associated downtime, ensuring higher system reliability. • Cost Savings: While the upfront cost is higher, all-flash arrays have a lower total cost of ownership (TCO) over time due to reduced maintenance and energy consumption.	DW20-157	26,459	3/2/2021	\$ 150,000	Yes	Nashua	No	\$ 23.26	\$ -
Cameras at the River intake	We have received a request to establish camera coverage at the river intake site. We have already begun the process of installing internet connectivity at this location through Comcast. We anticipate the construction work to be finished by early 2024.  Once the construction is completed, our plan is to install cameras, networking infrastructure, firewalls, and switches to accommodate the camera system requirements.	DW20-157	26,459	3/2/2021	\$ 35,000	Yes	Nashua	No	\$ 23.26	\$ -
TORA - Top of Rack Switch	The current switching unit in production has limitations in terms of the connectivity it can accommodate. We are increasingly recognizing the need for faster data speeds within the data center, especially for machine-to-machine connectivity.	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Nashua	No	\$ 23.26	\$ -
Laptop/Computer Replacement	There are about 15 computers in 2024 that will be 7 years or older.	DW20-157	26,459	3/2/2021	\$ 24,000	Yes	Nashua	No	\$ 23.26	\$ -
iPad replacements	Replacement of iPad hardware as it becomes obsolete for field use.	DW20-157	26,459	3/2/2021	\$ 7,000	Yes	Nashua	No	\$ 23.26	\$ -
Replacement server for Nova	This server is one of 2 servers that were replaced in 2017. This replacement will flatten out our replacements over the next few years. Otherwise, this system and its sister will need to be replaced in 2024 because they will be 7 years old.	DW20-157	26,459	3/2/2021	\$ 45,000	Yes	Nashua	No	\$ 23.26	\$ -
Cityworks intergration with Salesforce	Integrate Salesforce activities with Cityworks ELM activities	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Nashua	No	\$ 23.26	\$ -
New Hire Computer needs	Need New hire count and position to determine appropriate costs	DW20-157	26,459	3/2/2021	\$ 15,000	Yes	Nashua	No	\$ 23.26	\$ -
Itemage Web Deployment	Deploy the Web version of Itemage to help in the reduction of costs of Check processing	DW20-157	26,459	3/2/2021	\$ 12,000	Yes	Nashua	No	\$ 23.26	\$ -
Miscellaneous Software	Miscellaneous Software	DW20-157	26,459	3/2/2021	\$ 14,000	Yes	Nashua	No	\$ 23.26	\$ -
Miscellaneous Hardware	Miscellaneous Hardware	DW20-157	26,459	3/2/2021	\$ 22,000	Yes	Nashua	No	\$ 23.26	\$ -
Salesforce Enhancements	Salesforce field service enhancements	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	Nashua	No	\$ 23.23	\$ -
Capitalized Interest on Fixed Asset Line of Credit		DW20-157	26,459	3/2/2021	\$ 403,000	Yes		No		\$ -
<b>Pennichuck Water Works Projected 2024 Total Capital Expenditure Budget -</b>					<b>\$ 12,554,000</b>					<b>Projected Property Tax Expense associated with \$ 231,961</b>

Total for 0.1 DSRR 2024 Projects - \$ 716,000  
 Total Projected Bond funded PWW QCPAC Capex for 2024 - \$ 11,048,000  
 Special Project Bond for Chemical Feed Building - \$ - Not funded via QCPAC until 2027 due to not used and useful until 2026  
 FEMA Grant - \$ 790,000

Estimated Bond Terms (Bonds to be sold in April 2025) - 30 Years @ 6.50% resulting in P&I of \$ 846,028  
 Estimated Bond Terms (Special Project bonds to be sold in April 2025) - 30 Years @ 5.75% resulting in P&I of \$ -  
 Total Projected P&I - \$ 846,028

1. Tax rate is the sum of the local community rate plus the Statewide Utility tax rate of \$6.60/\$1000

Project Name/Description	Project Description	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Approved Budgeted Amount	QCPAC Eligible?	Community	Taxable	Tax Rate (I)	QCPAC Eligible Property Tax Expense
2025 New Services (10)	Single Family, Owner Build, New Homes	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Various	Yes	\$ 23.57	\$ 1,179
2025 Renewed Services (20)	Replacement of Failed Services	DW20-157	26,459	3/2/2021	\$ 110,000	Yes	Various	Yes	\$ 23.57	\$ 2,593
2025 Hydrants (10)	Replacement of non functional hydrants	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Various	Yes	\$ 23.57	\$ 1,414
2025 Gates (20)	Replacement of Failed Gate Valves	DW20-157	26,459	3/2/2021	\$ 80,000	Yes	Various	Yes	\$ 23.57	\$ 1,886
2025 Radios (200)	New Radios for new customers (200)	DW20-157	26,459	3/2/2021	\$ 24,000	Yes	Various	Yes	\$ 23.57	\$ 566
2025 Radios (2800)	Yr 4 of 10 Replacment of all PWW Radios installed in 2007 (2800) by contractor	DW20-157	26,459	3/2/2021	\$ 364,000	Yes	Various	Yes	\$ 23.57	\$ 8,579
2025 Meters (Growth) 5/8"-2" - Core & CWS (TBD)	New meters for new customers (200). Replacement of failed meters(200)	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Various	Yes	\$ 23.57	\$ 1,179
Replacement Utility Truck	New Utility Truck to replace existing high mileage/maintenance vehicles	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	Various	Yes	\$ 23.57	\$ 2,003
Replacement Utility Truck	New Utility Truck to replace existing high mileage/maintenance vehicles	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	Various	No	\$ 23.57	\$ -
Replacment 1/2 Ton Pickup	New Full Sized Pickup to Replace existing high mileage/maintenance pickup	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Merrimack	No	\$ 24.56	\$ -
Replacement Utility Van	New Utility Van to replace existing high mileage/maintenance vehicles	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Merrimack	No	\$ 24.56	\$ -
Protectus Meter Upgrade	Protectus Meter Upgrade	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Nashua	Yes	\$ 23.26	\$ 698
Miscellaneous Construction Equipment	Miscellaneous Construction Equipment	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Merrimack	No	\$ 24.56	\$ -
Reed Court	Replacing 170 LF of 1968 1" CT main with 2" HDPE	DW20-156	26,459	3/2/2021	\$ 53,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,233
Atwood Court	Replacing 130 LF of 1950 2" CL main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 43,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,000
Lucier Street	Replacing 340 LF of 1928-1947 1.5" CL & 4" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 137,000	Yes	Nashua	No	\$ 23.26	\$ -
Atherton Avenue	Replacing 200 LF of 1959 2" GALV main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 76,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,768
Riverview Street	Replacing 190 LF of 1951 2" CL main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 72,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,675
Foster Court	Replacing 165 LF of 1963 1" CT main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 58,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,349
Highland Place	Replacing 230 LF of 1924 2" GALV main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 87,000	Yes	Nashua	Yes	\$ 23.26	\$ 2,024
Palm Street	Replacing 420 LF of 1890 4" CI main with 6" DI	DW20-157	26,459	3/2/2021	\$ 164,000	Yes	Nashua	Yes	\$ 23.26	\$ 3,815
Long Avenue	Installing 115 LF of new 8" DI to complete loop	DW20-157	26,459	3/2/2021	\$ 45,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,047
Long Avenue	Replacing 65 LF of 1939 1.25" CL main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 26,000	Yes	Nashua	Yes	\$ 23.26	\$ 605
Short Avenue	Replacing 210 LF of 1926 6" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 91,000	Yes	Nashua	Yes	\$ 23.26	\$ 2,117
2nd Street	Replacing 235 LF of 1961 and 2005 2" CT & CL main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 91,000	Yes	Nashua	Yes	\$ 23.26	\$ 2,117
Yvonne Street	Replacing 200 LF of 1929 1.25" CL main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 67,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,558
Daniels Street	Replacing 205 LF of 1955 1.5" CL main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 68,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,582
George Street	Replacing 195 LF of 1948 2" CI main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 66,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,535
Tetreau Street	Replacing 450 LF of 1957 1.25" GALV main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 135,000	Yes	Nashua	Yes	\$ 23.26	\$ 3,140
Notre Dame Street	Replacing 385 LF of 1926 & 1950 1.5" CL & 2" CL main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 118,000	Yes	Nashua	Yes	\$ 23.26	\$ 2,745
Haines Street	Abandoning 75 LF of 1934 1.5" SPL main	DW20-157	26,459	3/2/2021	\$ 16,000	Yes	Nashua	Yes	\$ 23.26	\$ 372
Santerre Street	Replacing 530 LF of 1961 & 1962 2" CL main with 4" PVC	DW20-158	26,460	3/3/2021	\$ 189,000	Yes	Nashua	Yes	\$ 23.26	\$ 4,396
Lakeside Avenue	Replacing 266 LF of 1949 1.25" CL main with 4" PVC	DW20-159	26,461	3/4/2021	\$ 99,000	Yes	Nashua	Yes	\$ 23.26	\$ 2,303
St. Lazare Street	Replacing 405 LF of 1955-1959 1.5" CL and 2" CL main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 143,000	Yes	Nashua	Yes	\$ 23.26	\$ 3,326
Spaulding Avenue	Replacing 435 LF of 1924-1940 1.25"CL , 2" CL, and 6" CI main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 153,000	Yes	Nashua	Yes	\$ 23.26	\$ 3,559
Arlington Avenue	Replacing 265 LF of 1920 & 1926 2" GALV and 4" CI main with 4" PVC	DW20-156	26,459	3/2/2021	\$ 96,000	Yes	Nashua	Yes	\$ 23.26	\$ 2,233
Auburn Street	Replacing 1190 LF of 1882-1887 4" CI and 8" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 464,000	Yes	Nashua	Yes	\$ 23.26	\$ 10,793
Eaton Street	Replacing 490 LF of 1912 6" CI main with 12" DI	DW20-157	26,459	3/2/2021	\$ 227,000	Yes	Nashua	Yes	\$ 23.26	\$ 5,280
N. 2nd Street	Replacing 140 LF of 1919 6" CI main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 57,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,326
Alstead Avenue	Replacing 320 LF of 1920 4" CI main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 118,000	Yes	Nashua	Yes	\$ 23.26	\$ 2,745
Bordeaux Street	Replacing 275 LF of 1960 2" CL & GALV main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 102,000	Yes	Nashua	Yes	\$ 23.26	\$ 2,373
King Street	Replacing 865 LF of 1923 & 1957 6" CI main with 6" DI	DW20-157	26,459	3/2/2021	\$ 330,000	Yes	Nashua	Yes	\$ 23.26	\$ 7,676
McKean Street	Replacing 1688 LF of 1888 6" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 653,000	Yes	Nashua	Yes	\$ 23.26	\$ 15,189
Balcom Street	Replacing 1222 LF of 1911-1923 8" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 475,000	Yes	Nashua	Yes	\$ 23.26	\$ 11,049
Ferson Street	Replacing 429 LF of 1931-1938 8" CI main with 12" DI	DW20-157	26,459	3/2/2021	\$ 197,000	Yes	Nashua	Yes	\$ 23.26	\$ 4,582
Thomas Street	Replacing 422 LF of 1908-1926 6" CI main with 6" DI	DW20-157	26,459	3/2/2021	\$ 159,000	Yes	Nashua	Yes	\$ 23.26	\$ 3,698
Sawyer Street	Replacing 1620 LF of 1896-1907 6" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 608,000	Yes	Nashua	Yes	\$ 23.26	\$ 14,142
Thayer Court	Replacing 270 LF of 1910 6" CI main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 97,000	Yes	Nashua	Yes	\$ 23.26	\$ 2,256
Gray Avenue	Replacing 335 LF of 1907 6" CI with 8"	DW20-157	26,459	3/2/2021	\$ 157,000	Yes	Nashua	Yes	\$ 23.26	\$ 3,652
English Woods Supplemental Source	English Woods Supplemental Source	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Bedford	Yes	\$ 21.40	\$ 856
Great Bay PFAS Station Upgrades	Construction for Great Bay PFAS Station Upgrades	DW20-157	26,459	3/2/2021	\$ 88,000	Yes	Newmarket	Yes	\$ 34.12	\$ 3,003
Badger Hill PFAS Station Upgrades	Construction for Badger Hill PFAS Station Upgrades	DW20-157	26,459	3/2/2021	\$ 118,000	Yes	Milford	Yes	\$ 27.24	\$ 3,214
Investment in Developer Services	1x Annual Revenue	DW20-157	26,459	3/2/2021	\$ 100,000	Yes	Various	Yes	\$ 23.57	\$ 2,357
Replace Engineering Pickup	Replace Highest Mileage/Poorer Condition Pickup	DW20-157	26,459	3/2/2021	\$ 45,000	Yes	Nashua	No	\$ 23.26	\$ -
Trimble GPS and Water (flow, level, quality) Monitoring Equipment	Level Monitors, Pressure Monitors and Flow Monitors	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Nashua	No	\$ 23.26	\$ -
RRA - ERP Improvements	RRA - ERP Improvements	DW20-157	26,459	3/2/2021	\$ 120,000	Yes	Various	Yes	\$ 23.57	\$ 2,828
Valleyfield PFAS Station Upgrades	Design for Valleyfield PFAS Station Upgrades				\$ 97,000	Yes	Plaistow	No	\$ 27.44	\$ -
Drew Woods PFAS Station Upgrades	Design for Drew Woods PFAS Station Upgrades				\$ 12,000	Yes	Derry	No	\$ 23.26	\$ -
2026 Water Main Replacement (Design Only)	Various Streets, Diameters and Materials				\$ 500,000	Yes	Nashua	No	\$ 23.26	\$ -

Project Name/Description	Project Description	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Approved Budgeted Amount	QCPAC Eligible?	Community	Taxable	Tax Rate (l)	QCPAC Eligible Property Tax Expense
Lead & Copper Rule Compliance	Design for 1/5 of Projected M-S Service Replacements - Year 1		0.1 DSRR Funds		\$ 25,000	Yes	Vairous	No	\$ 23.57	\$ -
Chemical Feed Building Engineering/design <sup>1</sup>	Chemical Feed Building Engineering/design	DW20-157	26,459	3/2/2021	\$ 1,000,000	Yes	Nashua	No	\$ 23.26	\$ -
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Varioius	Yes	\$ 23.57	\$ 943
Well Pump replacements	Well Pump replacements	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Various	Yes	\$ 23.57	\$ 943
Chemical Feed pump replacements	Chemical Feed pump replacements	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	Varioius	Yes	\$ 23.57	\$ 236
Replace Radio Comms, various stations	Replace Radio Comms, various stations	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	Various	Yes	\$ 23.57	\$ 589
Misc. Structural Improvements	Misc. Structural Improvements	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Nashua	Yes	\$ 23.26	\$ 698
Miscellaneous Equipment Purchased	Miscellaneous Equipment Purchased	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Nashua	No	\$ 23.26	\$ -
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,396
Rebuild 1 High lift/Intermediate pump	Rebuild 1 High lift/Intermediate pump	DW20-157	26,459	3/2/2021	\$ 75,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,745
WTP Structural/HVAC	WTP Structural/HVAC	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,396
Purchase new lab equipment	Purchase new lab equipment	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	Nashua	No	\$ 23.26	\$ -
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	Nashua	Yes	\$ 23.26	\$ 233
vehicle replacement North Country	vehicle replacement North Country	DW20-157	26,459	3/2/2021	\$ 75,000	Yes	Various	No	\$ 23.57	\$ -
vehicle replacement 122	vehicle replacement 122	DW20-157	26,459	3/2/2021	\$ 70,000	Yes	Nashua	No	\$ 23.26	\$ -
vehicle replacement 116	vehicle replacement 116	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	Nashua	No	\$ 23.26	\$ -
Chemical Feed Building - Construction2	Chemical Feed Building - Construction	DW20-157	26,459	3/2/2021	\$ 6,000,000	Yes	Nashua	No	\$ 23.26	\$ -
Replacement server for Vmware	This server is one of 2 servers that were replaced in 2017. This replacement will flatten out our replacements over the next few years. Otherwise, this system and its sister will need to be replaced in 2024 because they will be 7 years old.	DW20-157	26,459	3/2/2021	\$ 45,000	Yes	Nashua	No	\$ 23.26	\$ -
Misc. Projects IT Projects	Misc. Projects IT Projects	DW20-157	26,459	3/2/2021	\$ 319,000	Yes	Nashua	No	\$ 23.26	\$ -
Miscellaneous Software	Miscellaneous Software	DW20-157	26,459	3/2/2021	\$ 14,000	Yes	Nashua	No	\$ 23.26	\$ -
Miscellaneous Hardware	Miscellaneous Hardware	DW20-157	26,459	3/2/2021	\$ 22,000	Yes	Nashua	No	\$ 23.26	\$ -
<b>Pennichuck Water Works Projected 2025 Total Capital Expenditure Budget -</b>					<b>\$ 16,045,000</b>		<b>Projected Property Tax Expense associated with</b>		<b>\$ 170,787</b>	

**Total for 0.1 DSRR 2025 Projects - \$ 634,000**  
**Total Projected Bond funded PWW QCPAC Capex for 2025 - \$ 9,411,000**  
**Special Project Bond for Chemical Feed Building - \$ -**

No P&I as project will not be used and useful until 2026. P&I on Bonf to be collected in 2027 QCPAC filing

Estimated Bond Terms (Bonds to be sold in April 2026) - 30 Years @ 6.50% resulting in P&I of \$ 720,670  
 Total Projected P&I - \$ 720,670

1. Tax rate is the sum of the Dec 2022 local community rate plus the Statewide Utility tax rate of \$6.60/\$1000  
 2. This project will extend over two construction seasons, beginning in 2025 and being completed in 2026. Tax impact of project not incurred until project completion. No tax impact in 2025.

Project Name/Description	Project Description	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Approved Budgeted Amount	QCPAC Eligible?	Community	Taxable	Tax Rate (1)	QCPAC Eligible Property Tax Expense
2026 New Services (10)	Single Family, Owner Build, New Homes			Financing will be sought in future financing docket	\$ 50,000	Yes	Various	Yes	\$ 23.57	\$ 1,179
2026 Renewed Services (20)	Replacement of Failed Services			Financing will be sought in future financing docket	\$ 110,000	Yes	Various	Yes	\$ 23.57	\$ 2,593
2024 Hydrants (10)	Replacement of non functional hydrants			Financing will be sought in future financing docket	\$ 60,000	Yes	Various	Yes	\$ 23.57	\$ 1,414
2026 Gates (20)	Replacement of Failed Gate Valves			Financing will be sought in future financing docket	\$ 80,000	Yes	Various	Yes	\$ 23.57	\$ 1,886
2026 Radios (200)	New Radios for new customers (200)			Financing will be sought in future financing docket	\$ 24,000	Yes	Various	Yes	\$ 23.57	\$ 566
2026 Radios (2800)	Yr 4 of 10 Replacment of all PWW Radios installed in 2007 (2800) by contractor			Financing will be sought in future financing docket	\$ 364,000	Yes	Various	Yes	\$ 23.57	\$ 8,579
2026 Meters (Growth) 5/8"-2" - Core & CWS (TBD)	New meters for new customers (200). Replacement of failed meters(200)			Financing will be sought in future financing docket	\$ 50,000	Yes	Various	Yes	\$ 23.57	\$ 1,179
Replacement Utility Truck	New Utility Truck to replace existing high mileage/maintenance vehicles			Financing will be sought in future financing docket	\$ 85,000	Yes	Various	Yes	\$ 23.57	\$ 2,003
Replacement Utility Truck	New Utility Truck to replace existing high mileage/maintenance vehicles			Financing will be sought in future financing docket	\$ 85,000	Yes	Merrimack	No	\$ 24.56	\$ -
Replacment 1/2 Ton Pickup	New Full Sized Pickup to Replace existing high mileage/maintenance pickup			Financing will be sought in future financing docket	\$ 50,000	Yes	Merrimack	No	\$ 24.56	\$ -
Replacement Utility Van	New Utility Van to replace existing high mileage/maintenance vehicles			Financing will be sought in future financing docket	\$ 50,000	Yes	Merrimack	No	\$ 24.56	\$ -
Protectus Meter Upgrade	Protectus Meter Upgrade			Financing will be sought in future financing docket	\$ 30,000	Yes	Nashua	Yes	\$ 23.26	\$ 698
Miscellaneous Construction Equipment	Miscellaneous Construction Equipment			Financing will be sought in future financing docket	\$ 50,000	Yes	Merrimack	No	\$ 24.56	\$ -
2026 Water Main Replacement	Projects Designed in 2025 - Construction & Pavement in 2026			Financing will be sought in future financing docket	\$ 5,500,000	Yes	Nashua	Yes	\$ 23.26	\$ 127,930
Valleyfield PFAS Station Upgrades	Construction for Valleyfield PFAS Station Upgrades			Financing will be sought in future financing docket	\$ 1,066,000	Yes	Plaistow	Yes	\$ 27.44	\$ -
Drew Woods PFAS Station Upgrades	Construction for Drew Woods PFAS Station Upgrades			Financing will be sought in future financing docket	\$ 125,000	Yes	Derry	Yes	\$ 25.87	\$ 3,234
Lead & Copper Rule Compliance	Construction for Year 1			Financing will be sought in future financing docket	\$ 279,000	Yes	Various	Yes	\$ 23.57	\$ 6,576
Investment in Developer Services	1x Annual Revenue			Financing will be sought in future financing docket	\$ 100,000	Yes	Various	Yes	\$ 23.57	\$ 2,357
Trimble GPS and Water (flow, level, quality) Monitoring Equipment	Level Monitors, Pressure Monitors and Flow Monitors			Financing will be sought in future financing docket	\$ 40,000	Yes	Various	No	\$ 23.57	\$ -
Replace Engineering Pickup	Replace Highest Mileage/Poorer Condition Pickup			Financing will be sought in future financing docket	\$ 45,000	Yes	Nashua	No	\$ 23.26	\$ -
RRA - ERP Improvements	RRA - ERP Improvements			Financing will be sought in future financing docket	\$ 120,000	Yes	Various	Yes	\$ 23.57	\$ 2,828
Souhegan Woods PFAS Station Upgrades	Design for Souhegan Woods PFAS Station Upgrades		0.1 DSRR Funding		\$ 103,000	Yes	Amherst	No	\$ 25.87	\$ -
Hi & Lo PFAS Station Upgrades	Design for Hi & Lo PFAS Station Upgrades		0.1 DSRR Funding		\$ 103,000	Yes	Derry	No	\$ 25.87	\$ -
2027 Water Main Replacement (Design Only)	Various Streets, Diameters and Materials		0.1 DSRR Funding		\$ 500,000	Yes	Various	No	\$ 23.57	\$ -
Lead & Copper Rule Compliance	Design for 1/5 of Projected M-S Service Replacements - Year 2		0.1 DSRR Funding		\$ 25,000	Yes	Various	No	\$ 23.57	\$ -
WTP Chemical Storage Building <sup>2</sup>	WTP Chemical Storage Building			Financing will be sought in future financing docket	\$ 4,000,000	Yes	Nashua	Yes	\$ 23.26	\$ 255,860
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild			Financing will be sought in future financing docket	\$ 40,000	Yes	Various	Yes	\$ 23.57	\$ 943
Well Pump replacements	Well Pump replacements			Financing will be sought in future financing docket	\$ 25,000	Yes	Various	Yes	\$ 23.57	\$ 589
Chemical Feed pump replacements	Chemical Feed pump replacements			Financing will be sought in future financing docket	\$ 10,000	Yes	Various	Yes	\$ 23.57	\$ 236
Replace Radio Comms, various stations	Replace Radio Comms, various stations			Financing will be sought in future financing docket	\$ 25,000	Yes	Various	Yes	\$ 23.57	\$ 589
Misc. Structural Improvements	Misc. Structural Improvements			Financing will be sought in future financing docket	\$ 30,000	Yes	Various	Yes	\$ 23.57	\$ 707
Miscellaneous Equipment Purchased	Miscellaneous Equipment Purchased			Financing will be sought in future financing docket	\$ 30,000	Yes	Various	Yes	\$ 23.57	\$ 707
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical			Financing will be sought in future financing docket	\$ 60,000	Yes	Various	Yes	\$ 23.57	\$ 1,414
Rebuild 1 High lift/Intermediate pump	Rebuild 1 High lift/Intermediate pump			Financing will be sought in future financing docket	\$ 50,000	Yes	Nashua	Yes	\$ 23.26	\$ 1,163
WTP Structural/HVAC	WTP Structural/HVAC			Financing will be sought in future financing docket	\$ 60,000	Yes	Various	Yes	\$ 23.57	\$ 1,414
Purchase new lab equipment	Purchase new lab equipment			Financing will be sought in future financing docket	\$ 20,000	Yes	Nashua	No	\$ 23.26	\$ -
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects			Financing will be sought in future financing docket	\$ 10,000	Yes	Various	Yes	\$ 23.57	\$ 236
WTP vehicle replacement	WTP vehicle replacement			Financing will be sought in future financing docket	\$ 60,000	Yes	Nashua	No	\$ 23.26	\$ -
WTP vehicle replacement	WTP vehicle replacement			Financing will be sought in future financing docket	\$ 55,000	Yes	Nashua	No	\$ 23.26	\$ -
Replacement server for Vmware	This server is one of 2 servers that were replaced in 2017. This replacement will match out our replacements over the next few years. Otherwise, this system and its sister will need to be replaced in 2024 because they			Financing will be sought in future financing docket	\$ 45,000	Yes	Nashua	No	\$ 23.26	\$ -
Misc. IT Projects	Misc. IT Projects			Financing will be sought in future financing docket	\$ 319,000	Yes	Nashua	No	\$ 23.26	\$ -
Miscellaneous Software	Miscellaneous Software			Financing will be sought in future financing docket	\$ 14,000	Yes	Nashua	No	\$ 23.26	\$ -
Miscellaneous Hardware	Miscellaneous Hardware			Financing will be sought in future financing docket	\$ 22,000	Yes	Nashua	No	\$ 23.26	\$ -
<b>Pennichuck Water Works Projected 2026 Total Capital Expenditure Budget -</b>					<b>\$ 13,969,000</b>					<b>\$ 426,879</b>
<b>Total for 0.1 DSRR 2026 Projects -</b>					<b>\$ 731,000</b>					
<b>Total Projected Bond funded PWW QCPAC Capex for 2026 -</b>					<b>\$ 10,700,000</b>					
<b>Special Project Bond for Chemical Feed Building -</b>					<b>\$ 11,000,000</b>					Sum of Engineering and Construction costs in 2025 and 2026
Estimated Bond Terms (Bonds to be sold in April 2027) -					30	Years @	6.50%	resulting in P&I of	\$ 819,379	
Estimated Bond Terms (Special Project bonds to be sold in April 2027) -					30	Years @	6.50%	resulting in P&I of	\$ 842,352	
<b>Total Projected P&amp;I -</b>									<b>\$ 1,661,730</b>	

1. Tax rate is the sum of the Dec 2022 local community rate plus the Statewide Utility tax rate of \$6.60/\$1000  
 2. This project will extend over two construction seasons, beginning in 2025 and being completed in 2026. Tax impact of project not incurred until project completion. No tax impact in 2025.