

	DW23-015 Revenues	% by Revenue
Total OERR -	\$ 114,271	21.57%
Total DSRR -	\$ 377,666	71.30%
Total 0.1 DSRR -	\$ 37,767	7.13%
Total DW23-015 Annual QCPAC revenues -	\$ 529,704	

	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	\$ 184,519 (4)	\$ 25,548,450	\$ 452,061 (4)	\$ 26,000,511	\$ 209,136 (4)	\$ 26,209,647
DW 22-032 Annual Principal and Interest Payments per Settlement Agreement	\$ 7,436,923 (2)	\$ 377,666 (7)	\$ 7,814,589	\$ 673,934 (8)	\$ 8,488,523	\$ 1,411,675 (8)	\$ 9,900,198	\$ 774,747 -8	\$ 10,674,945
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		\$ 9,337,375		\$ 10,890,218		\$ 11,742,439
DW 22-032 RSF Debit	\$ (422,871) (11)		\$ (422,871)		\$ (422,871)		\$ (422,871)		\$ (422,871)
DW 22-032 Revenue Requirement per Settlement Agreement inclusive of RSF Debit	\$ 40,736,437 (10)		\$ 41,266,141		\$ 42,191,987		\$ 44,196,890		\$ 45,258,248
DW 22-032 Revenue Requirement less Other Revenues	\$ 40,143,045		\$ 40,672,749		\$ 41,598,595		\$ 43,603,498		\$ 44,664,856
DW 22-032 Revenue Requirement less Other Revenues less Fixed Special Contract Revenues	\$ 39,057,359 (6)		\$ 39,587,063		\$ 40,512,909		\$ 42,517,812		\$ 43,579,170
Percent QCPAC Surcharge (5)			1.36%		2.37%		5.13%		2.72%
Cumulative QCPAC Surcharge (9)			1.36%		3.73%		8.86%		11.58%
Cumulative QCPAC monthly increase in average single family residential bill.			\$ 0.83		\$ 2.28		\$ 5.43		\$ 7.09
Average monthly single family residential bill with QCPAC.	\$ 61.28		\$ 62.11		\$ 63.56		\$ 66.71		\$ 68.37
Notes:					\$ 1.45				

- (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 DW22-032.
- (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 DWGTF financing are based on a 30 year bond with interest rate of 3.38%
- (7) QCPAC Principal and Interest expenses based on actual April 26, 2023 Bond issuance based on a 30 year bond with interest rate of 5.005716% (Total All In Interest Cost of all Series Bonds)
- (8) QCPAC Principal and Interest expenses for 2023, 2024 and 2025 QCP's are based on 30 year bond with interest rate of 5.50% for 2023 through 2025 Capital Expenditures unless funding is via an SRF/DWGTG financing.
- (9) 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.
- (10) Operating expense revenues agreed to in the Settlement Agreement per DW 22-032 less total Other Revenues of \$ 593,392
- (11) RSF debit agreed to in Settlement Agreement in DW 22-032

**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 Project Cost as of 9/30/2023	Estimated Project Cost as of 10/31/2023	Community	Taxable	Tax Rate (t)	QCPAC Eligible Property Tax Expense	Explanation for Change/Addition/Deletion since Petition Filing
	Estimated Bond Terms (Bonds to be sold in April 2024) -	30	Years @		5.50% resulting in P&I of	\$ 637,433								
	NHDES SRF terms -	20	Years @		1.256% resulting in P&I of	\$ 36,500								

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 (1)	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	\$ 23.78	\$ 1,189
2024 Renewed Services (20)	Replacement of Failed Services	DW20-157	26,459	3/2/2021	\$ 110,000	Yes	Various	Yes	\$ 23.78	\$ 2,616
2024 Hydrants (10)	Replacement of non-functional hydrants	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Various	Yes	\$ 23.78	\$ 1,427
2024 Gates (20)	Replacement of Failed Gate Valves	DW20-157	26,459	3/2/2021	\$ 80,000	Yes	Various	Yes	\$ 23.78	\$ 1,902
2024 Radios (200)	New Radios for new customers (200)	DW20-157	26,459	3/2/2021	\$ 24,000	Yes	Various	Yes	\$ 23.78	\$ 571
2024 Radios - PFOA (25)	New Radios for PFOA Customers (25)	DW20-157	26,459	3/2/2021	\$ 3,000	Yes	Various	Yes	\$ 23.78	\$ 71
2024 Radios (4000)	Year 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	\$ 23.78	\$ 8,656
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	\$ 23.78	\$ 1,189
2024 Meters - PFOA (25)	New meters for PFOA customers (25)	DW20-157	26,459	3/2/2021	\$ 3,125	Yes	Various	Yes	\$ 23.78	\$ 74
Replacement Utility Truck	New Utility Truck to replace existing high mileage/maintenance vehicles	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	Merrimack	No	\$ 22.87	\$ -
Replacement Utility Truck	New Utility Truck to replace existing high mileage/maintenance vehicles	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	Merrimack	No	\$ 22.87	\$ -
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	\$ 22.87	\$ -
Replacement Utility Van	New Utility Van to replace existing high mileage/maintenance vehicles	DW20-156	26,459	3/2/2021	\$ 50,000	Yes	Merrimack	No	\$ 22.87	\$ -
Protectus Meter Upgrade	Protectus Meter Upgrade	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Various	Yes	\$ 23.78	\$ -
Miscellaneous Construction Equipment	Miscellaneous Construction Equipment	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Various	No	\$ 23.78	\$ -
Replacement Hydrant Crane Truck	New Hydrant/Crane Truck to replace #19 - 2011 Ford F-450 High Mileage & Hours, Extensive Vehicle & Crane Maint	DW20-157	26,459	3/2/2021	\$ 225,000	Yes	Merrimack	No	\$ 22.87	\$ -
Replacement Dump Truck	New Dump Truck to replace #10, 2008 Peterbilt 335, 100K+ miles, 9000hrs, body rot & high Maint & repair costs	DW20-157	26,459	3/2/2021	\$ 225,000	Yes	Merrimack	No	\$ 22.87	\$ -
New Vacuum Excavator Truck	New Vacuum Excavator Truck for LCR pothole excavation & safe excavation around other utilities, minimize excavation costs, pavement repairs and reliance on outside contractors. Very safe excavation in tight places w/multiple utilities.	DW20-157	26,459	3/2/2021	\$ 600,000	Yes	Merrimack	No	\$ 22.87	\$ -
Swan Street	Replacing 160 LF of 1953 2" main with 4" PVC - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 21,300	Yes	Nashua	Yes	\$ 23.55	\$ 502
Chapman St.	Replacing 160 LF of 1948 1.25" main with 4" PVC - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 21,300	Yes	Nashua	Yes	\$ 23.55	\$ 502
Cote Ave	Replacing 470 LF of 1938 8" CI main with 8" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 59,000	Yes	Nashua	Yes	\$ 23.55	\$ 1,389
Savoy St.	Replacing 140 LF of 1947 1.25" main with 6" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 19,600	Yes	Nashua	Yes	\$ 23.55	\$ 462
Walnut St.	Replacing 1450 LF of 1888-1951 6" CI main with 12" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 177,000	Yes	Nashua	Yes	\$ 23.55	\$ 4,168
Salem St.	Replacing 1450 LF of 1888-1927 4" & 6" CI main with 6" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 106,500	Yes	Nashua	Yes	\$ 23.55	\$ 2,508
Dawn St.	Replacing 450 LF of 1954 1.5" & 2" main with 4" PVC - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 57,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,354
Amory St.	Replacing 570 LF of 1887 8" CI main with 12" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 71,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,684
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	\$ 65,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,543
Berkeley St.	Replacing 3080 LF of 1888-1912 6" CI main with 8" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 375,250	Yes	Nashua	Yes	\$ 23.55	\$ 8,837
Temple St.	Replacing 975 LF of 1888 8" CI main with 12" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 120,500	Yes	Nashua	Yes	\$ 23.55	\$ 2,838
Raymond St.	Replacing 2300 LF of 1887 8" CI main with 8" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 281,000	Yes	Nashua	Yes	\$ 23.55	\$ 6,618
Hanover St.	Replacing 840 LF of 1888 4" CI main with 8" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 116,000	Yes	Nashua	Yes	\$ 23.55	\$ 2,732
Blossom St.	Replacing 2395 LF of 1893-1916 4" & 6" CI main with 8" DI - Final Pavement and Restoration	DW20-156	26,459	3/2/2021	\$ 292,000	Yes	Nashua	Yes	\$ 23.55	\$ 6,877
Ferson St.	Replacing 430 LF of 1931-1938 8" CI main with 12" DI	DW20-157	26,459	3/2/2021	\$ 144,000	Yes	Nashua	Yes	\$ 23.55	\$ 3,391
W. Otterson St.	Replacing 260 LF of 1936 8" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 73,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,731
Thomas St.	Replacing 420 LF of 1908-1926 6" CI main with 6" DI	DW20-157	26,459	3/2/2021	\$ 107,000	Yes	Nashua	Yes	\$ 23.55	\$ 2,520
Sawyer St.	Replacing 1620 LF of 1896-1907 6" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 410,500	Yes	Nashua	Yes	\$ 23.55	\$ 9,667
Balcom St.	Replacing 1225 LF of 1911-1923 8" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 325,250	Yes	Nashua	Yes	\$ 23.55	\$ 7,660
Crown St.	Replacing 225 LF of 1901 6" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 65,000	Yes	Nashua	Yes	\$ 23.55	\$ 1,531
Palm St.	Replacing 420 LF of 1890 4" CI main with 6" DI	DW20-157	26,459	3/2/2021	\$ 109,000	Yes	Nashua	Yes	\$ 23.55	\$ 2,567
McKean St.	Replacing 1690 LF of 1888 6" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 446,000	Yes	Nashua	Yes	\$ 23.55	\$ 10,503
Coburn Woods	Replacing remaining 2" PE mains that were not completed in 2021	DW20-157	26,459	3/2/2021	\$ 1,500,000	Yes	Nashua	Yes	\$ 23.55	\$ 35,325
Parrish Hills HP Water Main	Create new HP area with 1600 LF of Water Main and Check Valves	DW20-157	26,459	3/2/2021	\$ 800,000	Yes	Nashua	Yes	\$ 23.55	\$ 18,840
Parrish Hills HP Booster Station	New Domestic flow and pressure booster station	DW20-157	26,459	3/2/2021	\$ 550,000	Yes	Nashua	Yes	\$ 23.55	\$ 12,953
Misc. Nashua, NH Emergency Sewer	Projects associated with the City of Nashua Sewer Replacement program	DW20-157	26,459	3/2/2021	\$ 396,000	Yes	Nashua	Yes	\$ 23.55	\$ 9,326
Water Treatment Facility	Chemical Feed and Storage Facility Construction	New Financing Approval Required			\$ 8,500,000	Yes	Nashua	Yes	\$ 23.55	\$ 200,175
Reed Ct.	Replacing 170 LF of 1968 1" main with 2" HDPE - Design only	0.1 DSRR Funds			\$ 1,605	Yes	Nashua	No	\$ 23.55	\$ -
Atwood Ct.	Replacing 130 LF of 1950 2" main with 2" HDPE - Design only	0.1 DSRR Funds			\$ 1,290	Yes	Nashua	No	\$ 23.55	\$ -
Lucier St.	Replacing 340 LF of 1928-1947 1.5" & 4" main with 8" DI - Design only	0.1 DSRR Funds			\$ 4,125	Yes	Nashua	No	\$ 23.55	\$ -
Atherton Ave	Replacing 200 LF of 1959 2" main with 4" PVC - Design only	0.1 DSRR Funds			\$ 2,280	Yes	Nashua	No	\$ 23.55	\$ -
Riverview St.	Replacing 190 LF of 1951 2" main with 4" PVC - Design only	0.1 DSRR Funds			\$ 2,175	Yes	Nashua	No	\$ 23.55	\$ -
Foster Ct.	Replacing 165 LF of 1963 1" main with 2" HDPE - Design only	0.1 DSRR Funds			\$ 1,740	Yes	Nashua	No	\$ 23.55	\$ -
Highland Pl	Replacing 230 LF of 1924 2" main with 4" PVC - Design only	0.1 DSRR Funds			\$ 2,640	Yes	Nashua	No	\$ 23.55	\$ -
Palm St.	Replacing 420 LF of 1890 4" CI main with 6" DI - Design only	0.1 DSRR Funds			\$ 4,950	Yes	Nashua	No	\$ 23.55	\$ -
Long Ave	Installing 115 LF of new 8" DI to complete loop - Design only	0.1 DSRR Funds			\$ 1,365	Yes	Nashua	No	\$ 23.55	\$ -
Long Ave	Replacing 65 LF of 1939 1.25" main with 2" HDPE - Design only	0.1 DSRR Funds			\$ 765	Yes	Nashua	No	\$ 23.55	\$ -
Short Ave	Replacing 210 LF of 1926 6" CI main with 8" DI - Design only	0.1 DSRR Funds			\$ 2,745	Yes	Nashua	No	\$ 23.55	\$ -
2nd St.	Replacing 235 LF of 1961 and 2005 2" main with 4" PVC - Design only	0.1 DSRR Funds			\$ 2,745	Yes	Nashua	No	\$ 23.55	\$ -
Yvonne St.	Replacing 200 LF of 1929 1.25" main with 2" HDPE - Design only	0.1 DSRR Funds			\$ 2,010	Yes	Nashua	No	\$ 23.55	\$ -

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
Daniels St.	Replacing 205 LF of 1955 1.5" main with 2" HDPE - Design only		0.1 DSRR Funds		\$ 2,055	Yes	Nashua	No	\$ 23.55	\$ -
George St.	Replacing 195 LF of 1948 2" main with 2" HDPE - Design only		0.1 DSRR Funds		\$ 1,965	Yes	Nashua	No	\$ 23.55	\$ -
Tetreau St.	Replacing 450 LF of 1957 1.25" main with 2" HDPE - Design only		0.1 DSRR Funds		\$ 4,050	Yes	Nashua	No	\$ 23.55	\$ -
Notre Dame St.	Replacing 385 LF of 1926 & 1950 1.5" & 2" main with 2" HDPE - Design only		0.1 DSRR Funds		\$ 3,525	Yes	Nashua	No	\$ 23.55	\$ -
Haines St.	Abandoning 75 LF of 1934 1.5" main - Design only		0.1 DSRR Funds		\$ 450	Yes	Nashua	No	\$ 23.55	\$ -
Santerre St.	Replacing 530 LF of 1961 & 1962 2" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 5,670	Yes	Nashua	No	\$ 23.55	\$ -
Lakeside Ave	Replacing 266 LF of 1949 1.25" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 2,985	Yes	Nashua	No	\$ 23.55	\$ -
St. Lazare St.	Replacing 405 LF of 1955-1959 1.5" and 2" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 4,305	Yes	Nashua	No	\$ 23.55	\$ -
Spaulding Ave	Replacing 435 LF of 1924-1940 1.25", 2", and 6" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 4,590	Yes	Nashua	No	\$ 23.55	\$ -
Arlington Ave	Replacing 265 LF of 1920 & 1926 2" and 4" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 2,910	Yes	Nashua	No	\$ 23.55	\$ -
Auburn St.	Replacing 1190 LF of 1882-1887 4" and 8" CI main with 8" DI - Design only		0.1 DSRR Funds		\$ 19,590	Yes	Nashua	No	\$ 23.55	\$ -
Eaton St.	Replacing 490 LF of 1912 6" CI main with 12" DI - Design only		0.1 DSRR Funds		\$ 6,840	Yes	Nashua	No	\$ 23.55	\$ -
N. 2nd St.	Replacing 140 LF of 1919 6" CI main with 4" PVC - Design only		0.1 DSRR Funds		\$ 1,710	Yes	Nashua	No	\$ 23.55	\$ -
Alstead Ave	Replacing 320 LF of 1920 4" CI main with 4" PVC - Design only		0.1 DSRR Funds		\$ 3,570	Yes	Nashua	No	\$ 23.55	\$ -
Bordeaux St.	Replacing 275 LF of 1960 2" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 3,075	Yes	Nashua	No	\$ 23.55	\$ -
King St.	Replacing 865 LF of 1923 & 1957 6" CI main with 6" DI - Design only		0.1 DSRR Funds		\$ 9,885	Yes	Nashua	No	\$ 23.55	\$ -
PWW RRA- ERP	Implement Recommendations Evaluated in 2021	DW20-157	26,459	3/2/2021	\$ 200,000	Yes	Various	Yes	\$ 23.78	\$ 4,756
Investment in Developer Services	1x Annual Revenue	DW20-157	26,459	3/2/2021	\$ 100,000	Yes	Various	Yes	\$ 23.78	\$ 2,378
Replace Engineering Pickup	Replace #105 2013 Chevy with >160k miles		0.1 DSRR Funds		\$ 45,000	Yes	Nashua	No	\$ 23.55	\$ -
Replace Engineering Pickup	Replace #31 2012 Chevy with >110k miles		0.1 DSRR Funds		\$ 45,000	Yes	Nashua	No	\$ 23.55	\$ -
Merrimack River Watershed Council	Grant Match with other Stakeholders \$40k year 3 of 5.		0.1 DSRR Funds		\$ 40,000	Yes	Various	No	\$ 23.78	\$ -
Trimble GPS and Water (flow, level, quality) Monitoring Equipment	Level Monitors, Pressure Monitors and Flow Monitors		0.1 DSRR Funds		\$ 45,000	Yes	Nashua	No	\$ 23.55	\$ -
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Various	Yes	\$ 23.78	\$ 951
Well Pump replacements	Well Pump replacements	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	Various	Yes	\$ 23.78	\$ 595
Chemical Feed pump replacements	Chemical Feed pump replacements	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	Various	Yes	\$ 23.78	\$ 238
Replace Rotork Pakscan valve control system	Replace Rotork Pakscan valve control system	DW20-157	26,459	3/2/2021	\$ 400,000	Yes	Nashua	Yes	\$ 23.55	\$ 9,420
Install/replace treatment systems in small CWS	Install/replace treatment systems in small CWS	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	Various	Yes	\$ 23.78	\$ 476
Misc. Structural Improvements	Misc. Structural Improvements	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Various	Yes	\$ 23.78	\$ 713
Miscellaneous Equipment Purchased	Miscellaneous Equipment Purchased	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Various	Yes	\$ 23.78	\$ 713
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Various	Yes	\$ 23.78	\$ 1,427
Well Rehabilitation	Well Rehabilitation	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Various	Yes	\$ 23.78	\$ 1,189
WTP Structural/HVAC	WTP Structural/HVAC	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	Nashua	Yes	\$ 23.55	\$ 471
Purchase new lab equipment	Purchase new lab equipment	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	Nashua	No	\$ 23.55	\$ -
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	Various	Yes	\$ 23.78	\$ 238
Replace Water Supply Vehicle	Replace Water Supply Vehicle		0.1 DSRR Funds		\$ 65,000	Yes	Nashua	No	\$ 23.55	\$ -
Replace Water Supply Vehicle	Replace Water Supply Vehicle		0.1 DSRR Funds		\$ 40,000	Yes	Nashua	No	\$ 23.55	\$ -
Bowers Dam Spillway reconstruction/increase capacity	Bowers Dam Spillway reconstruction/increase capacity	DW20-157	26,459	3/2/2021	\$ 2,300,000	Yes	Merrimack	Yes	\$ 22.87	\$ 52,601
This replacement will flatten out our replacements over the next few years .	Runrate Business needs	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Nashua	No	\$ 23.55	\$ -
Miscellaneous Software	Miscellaneous Software	DW20-157	26,459	3/2/2021	\$ 14,000	Yes	Nashua	No	\$ 23.55	\$ -
Miscellaneous Hardware	Miscellaneous Hardware	DW20-157	26,459	3/2/2021	\$ 22,000	Yes	Nashua	No	\$ 23.55	\$ -
Typical IT Annual budget roughly runs about \$400K	typical IT Annual budget roughly runs about \$400K	DW20-157	26,459	3/2/2021	\$ 324,000	Yes	Nashua	No	\$ 23.55	\$ -
Projected short term interest on FALOC	Interest incurred to finance 2024 Capex until permanent financing is achieved	DW20-157	26,459	3/2/2021	\$ 157,600	Yes	N/A	No	N/A	\$ -
<b>Pennichuck Water Works Projected 2020 Total Capital Expenditure Budget -</b>					<b>\$ 21,604,535</b>					<b>Projected Property Tax Expense associated with \$ 452,061</b>

**Total for 0.1 DSRR 2024 Projects - \$ 387,610**  
**Total Projected Bond funded PWW QCPAC Capex for 2024 - \$ 12,016,925**  
**Special Project Bond for Chemical Feed Building - \$ 8,500,000**  
**FEMA Grant - \$ 700,000**

Estimated Bond Terms (Bonds to be sold in April 2025) - 30 Years @ 5.50% resulting in P&I of \$ 826,829  
 Estimated Bond Terms (Special Project bonds to be sold in April 2025) - 30 Years @ 5.50% resulting in P&I of \$ 584,846  
**Total Projected P&I - \$ 1,411,675**

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 (1)	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	\$ 23.78	\$ 1,189
2025 Renewed Services (20)	Replacement of Failed Services	DW20-157	26,459	3/2/2021	\$ 110,000	Yes	Various	Yes	\$ 23.78	\$ 2,616
2025 Hydrants (10)	Replacement of non-functional hydrants	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Various	Yes	\$ 23.78	\$ 1,427
2025 Gates (20)	Replacement of Failed Gate Valves	DW20-157	26,459	3/2/2021	\$ 80,000	Yes	Various	Yes	\$ 23.78	\$ 1,902
2024 Radios (200)	New Radios for new customers (200)	DW20-157	26,459	3/2/2021	\$ 24,000	Yes	Various	Yes	\$ 23.78	\$ 571
2024 Radios - PFOA (25)	New Radios for PFOA Customers (25)	DW20-157	26,459	3/2/2021	\$ 3,000	Yes	Various	Yes	\$ 23.78	\$ 71
2025 Radios (2800)	Year 5 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	\$ 23.78	\$ 8,656
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	\$ 23.78	\$ 1,189
2024 Meters - PFOA (25)	New meters for PFOA customers (25)	DW20-157	26,459	3/2/2021	\$ 3,125	Yes	Various	Yes	\$ 23.78	\$ 74
Replacement Utility Truck	New Utility Truck to replace existing high mileage/maintenance vehicles #84	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	Merrimack	No	\$ 22.87	\$ -
Replacement Utility Truck	New Utility Truck to replace existing high mileage/maintenance vehicles #9	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	Merrimack	No	\$ 22.87	\$ -
Replacement 1/2 Ton Pickup	New Full Sized Pickup to Replace Veh #22 that has been retired due to not passing inspection.	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Merrimack	No	\$ 22.87	\$ -
Replacement 1/2 Ton Pickup	New Full Sized Pickeup to replace Disconnect Vehicle that will become Hydrant Painting Van.	DW20-156	26,459	3/2/2021	\$ 50,000	Yes	Merrimack	No	\$ 22.87	\$ -
Protectus Meter Upgrade	Protectus Meter Upgrade	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Various	Yes	\$ 23.78	\$ -
Miscellaneous Construction Equipment	Miscellaneous Construction Equipment	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Merrimack	No	\$ 22.87	\$ -
Ferson St.	Replacing 430 LF of 1931-1938 8" CI main with 12" DI - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 54,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,283
W. Otterson St.	Replacing 260 LF of 1936 8" CI main with 8" DI - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 33,600	Yes	Nashua	Yes	\$ 23.55	\$ 791
Thomas St.	Replacing 420 LF of 1908-1926 6" CI main with 6" DI - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 53,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,260
Sawyer St.	Replacing 1620 LF of 1896-1907 6" CI main with 8" DI - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 198,500	Yes	Nashua	Yes	\$ 23.55	\$ 4,675
Balcom St.	Replacing 1225 LF of 1911-1923 8" CI main with 8" DI - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 150,500	Yes	Nashua	Yes	\$ 23.55	\$ 3,544
Palm St.	Replacing 420 LF of 1890 4" CI main with 6" DI - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 53,250	Yes	Nashua	Yes	\$ 23.55	\$ 1,254
McKean St.	Replacing 1690 LF of 1888 6" CI main with 8" DI - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 207,000	Yes	Nashua	Yes	\$ 23.55	\$ 4,875
Coburn Woods	Replacing remaining 2" PE mains that were not completed in 2021 - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 350,000	Yes	Nashua	Yes	\$ 23.55	\$ 8,243
Reed Ct.	Replacing 170 LF of 1968 1" main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 30,500	Yes	Nashua	Yes	\$ 23.55	\$ 718
Atwood Ct.	Replacing 130 LF of 1950 2" main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	Nashua	Yes	\$ 23.55	\$ 589
Lucier St.	Replacing 340 LF of 1928-1947 1.5" & 4" main with 8" DI	DW20-158	26,460	3/3/2021	\$ 94,000	Yes	Nashua	Yes	\$ 23.55	\$ 2,214
Atherton Ave	Replacing 200 LF of 1959 2" main with 4" PVC	DW20-159	26,461	3/4/2021	\$ 49,000	No	Nashua	No	\$ 23.55	\$ -
Riverview St.	Replacing 190 LF of 1951 2" main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 47,000	Yes	Nashua	Yes	\$ 23.55	\$ 1,107
Foster Ct.	Replacing 165 LF of 1963 1" main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 35,500	Yes	Nashua	Yes	\$ 23.55	\$ 836
Highland Pl	Replacing 230 LF of 1924 2" main with 4" PVC	DW20-156	26,459	3/2/2021	\$ 57,500	Yes	Nashua	No	\$ 23.55	\$ -
Palm St.	Replacing 420 LF of 1890 4" CI main with 6" DI	DW20-157	26,459	3/2/2021	\$ 112,000	Yes	Nashua	Yes	\$ 23.55	\$ 2,638
Long Ave	Installing 115 LF of new 8" DI to complete loop	DW20-157	26,459	3/2/2021	\$ 29,000	Yes	Nashua	Yes	\$ 23.55	\$ 683
Long Ave	Replacing 65 LF of 1939 1.25" main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 15,500	Yes	Nashua	Yes	\$ 23.55	\$ 365
Short Ave	Replacing 210 LF of 1926 6" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 63,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,495
2nd St.	Replacing 235 LF of 1961 and 2005 2" main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 60,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,425
Yvonne St.	Replacing 200 LF of 1929 1.25" main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 40,500	Yes	Nashua	Yes	\$ 23.55	\$ 954
Daniels St.	Replacing 205 LF of 1955 1.5" main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 41,000	Yes	Nashua	Yes	\$ 23.55	\$ 966
George St.	Replacing 195 LF of 1948 2" main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 39,500	Yes	Nashua	Yes	\$ 23.55	\$ 930
Tetreau St.	Replacing 450 LF of 1957 1.25" main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 78,000	Yes	Nashua	Yes	\$ 23.55	\$ 1,837
Notre Dame St.	Replacing 385 LF of 1926 & 1950 1.5" & 2" main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 68,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,613
Haines St.	Abandoning 75 LF of 1934 1.5" main	DW20-157	26,459	3/2/2021	\$ 5,000	Yes	Nashua	Yes	\$ 23.55	\$ 118
Santerre St.	Replacing 530 LF of 1961 & 1962 2" main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 122,000	Yes	Nashua	Yes	\$ 23.55	\$ 2,873
Lakeside Ave	Replacing 266 LF of 1949 1.25" main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 64,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,519
St. Lazare St.	Replacing 405 LF of 1955-1959 1.5" and 2" main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 92,000	Yes	Nashua	Yes	\$ 23.55	\$ 2,167
Spaulding Ave	Replacing 435 LF of 1924-1940 1.25", 2", and 6" main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 98,000	Yes	Nashua	Yes	\$ 23.55	\$ 2,308
Arlington Ave	Replacing 265 LF of 1920 & 1926 2" and 4" main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 62,000	Yes	Nashua	Yes	\$ 23.55	\$ 1,460
Auburn St.	Replacing 1190 LF of 1882-1887 4" and 8" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 446,000	Yes	Nashua	Yes	\$ 23.55	\$ 10,503
Eaton St.	Replacing 490 LF of 1912 6" CI main with 12" DI	DW20-157	26,459	3/2/2021	\$ 166,000	Yes	Nashua	Yes	\$ 23.55	\$ 3,909
N. 2nd St.	Replacing 140 LF of 1919 6" CI main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 37,500	Yes	Nashua	Yes	\$ 23.55	\$ 883
Alstead Ave	Replacing 320 LF of 1920 4" CI main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 77,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,825
Bordeaux St.	Replacing 275 LF of 1960 2" main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 66,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,566
King St.	Replacing 865 LF of 1923 & 1957 6" CI main with 6" DI	DW20-157	26,459	3/2/2021	\$ 222,500	Yes	Nashua	Yes	\$ 23.55	\$ 5,240
Water Treatment Facility	Chemical Feed and Storage Facility Construction				\$ 3,900,000	Yes	Nashua	Yes	\$ 23.55	\$ 91,845
2026 Watermain Replacement (Design Only)	Various Streets, Diameters, and Materials				\$ 180,000	Yes	Nashua	No	\$ 23.55	\$ -
City Sewer Related Projects	Water Main Replacements Associated with Sewer Reconstruction	DW20-157	26,459	3/2/2021	\$ 400,000	Yes	Nashua	Yes	\$ 23.55	\$ 9,420
Trimble GPS and Water (flow, level, quality) Monitoring Equipment	Level Monitors, Pressure Monitors and Flow Monitors				\$ 45,000	Yes	Nashua	No	\$ 23.55	\$ -
Investment in Developer Services	1x Annual Revenue				\$ 100,000	Yes	Various	Yes	\$ 23.78	\$ 2,378
Replace Engineering SUV	Replace Highest Mileage SUV				\$ 35,000	Yes	Nashua	No	\$ 23.55	\$ -
Replace Engineering Pickup	Replace Highest Mileage/Poorer Condition Pickup				\$ 35,000	Yes	Nashua	No	\$ 23.55	\$ -
Merrimack River Watershed Council	Grant Match with other Stakeholders \$40k for five years.				\$ 40,000	Yes	Various	No	\$ 23.78	\$ -
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Various	Yes	\$ 23.78	\$ 951

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
Well Pump replacements	Well Pump replacements	DW20-157	26,459	3/2/2021	\$ 15,000	Yes	Various	Yes	\$ 23.78	\$ 357
Chemical Feed pump replacements	Chemical Feed pump replacements	DW20-157	26,459	3/2/2021	\$ 15,000	Yes	Various	Yes	\$ 23.78	\$ 357
Rebuild High lift pump, WTP	Rebuild High lift pump, WTP	DW20-157	26,459	3/2/2021	\$ 100,000	Yes	Nashua	Yes	\$ 23.55	\$ 2,355
Install/replace treatment systems in small CWS	Install/replace treatment systems in small CWS	DW20-157	26,459	3/2/2021	\$ 15,000	Yes	Various	Yes	\$ 23.78	\$ 357
Misc. Structural Improvements	Misc. Structural Improvements	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	Various	Yes	\$ 23.78	\$ 476
Miscellaneous Equipment Purchased	Miscellaneous Equipment Purchased	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Various	Yes	\$ 23.78	\$ 713
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Various	Yes	\$ 23.78	\$ 1,427
Well Rehabilitation	Well Rehabilitation	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Various	Yes	\$ 23.78	\$ 1,189
WTP Structural/HVAC	WTP Structural/HVAC	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Various	Yes	\$ 23.78	\$ 713
Purchase new lab equipment	Purchase new lab equipment	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	Various	No	\$ 23.78	\$ -
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	Various	Yes	\$ 23.78	\$ 238
Replace Water Supply Vehicle	Replace Water Supply Vehicle	0.1 DSRR Funds			\$ 65,000	Yes	Nashua	No	\$ 23.55	\$ -
Replace Water Supply Vehicle	Replace Water Supply Vehicle	0.1 DSRR Funds			\$ 40,000	Yes	Nashua	No	\$ 23.55	\$ -
WTP Carbon Filter Replacement	Replaced Carbon in WTP Filters 1a through 4b	DW20-157	26,459	3/2/2021	\$ 1,500,000	Yes	Nashua	No	\$ 23.55	\$ -
Replacement server for Stellar	This replacement will flatten out our replacements over the next few years .	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Nashua	No	\$ 23.55	\$ -
Miscellaneous Software	Miscellaneous Software	DW20-157	26,459	3/2/2021	\$ 14,000	Yes	Nashua	No	\$ 23.55	\$ -
Miscellaneous Hardware	Miscellaneous Hardware	DW20-157	26,459	3/2/2021	\$ 22,000	Yes	Nashua	No	\$ 23.55	\$ -
Monitary placeholder	Typical IT Annual budget roughly runs about \$400K	DW20-157	26,459	3/2/2021	\$ 324,000	Yes	Nashua	No	\$ 23.55	\$ -
Projected short term interest on FALOC	Interest incurred to finance 2025 Capex until permanent financing is achieved	DW20-157	26,459	3/2/2021	\$ 124,000	Yes	N/A	No	N/A	\$ -
<b>Pennichuck Water Works Projected 2025 Total Capital Expenditure Budget -</b>					<b>\$ 11,799,975</b>		<b>Projected Property Tax Expense associated with</b>		<b>\$ 209,136</b>	

**Total for 0.1 DSRR 2024 Projects - \$ 540,000**  
**Total Projected Bond funded PWW QCPAC Capex for 2025 - \$ 7,359,975**  
**Special Project Bond for Chemical Feed Building - \$ 3,900,000**

Estimated Bond Terms (Bonds to be sold in April 2026) -	30	Years @	5.50%	resulting in P&I of	\$ 506,406
Estimated Bond Terms (Special Project bonds to be sold in April 2026) -	30	Years @	5.5%	resulting in P&I of	\$ 268,341
Total Projected P&I -					<u>\$ 774,747</u>

1. Tax rate is the sum of the Dec 2022 local community rate plus the Statewide Utility tax rate of \$6.60/\$1000