

	Requested DW 23-101 Revenues		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		QCPAC For 2026 Capital Additions pro forma		QCPAC Surcharge for 2026 Capital Additions						
City Bond Fixed Revenue Requirement (CBFRR)	\$	8,802,880			\$	8,802,880			\$	8,802,880			\$	8,802,880			\$	8,802,880					
Projected Operating Expense Revenue Requirement, with MOEF for consolidated utility	\$	35,931,801	(1)	\$	223,527	(4)	\$	36,155,328	\$	316,804	(4)	\$	36,472,132	\$	242,227	(4)	\$	36,714,358	\$	553,120	(4)	\$	37,267,479
Annual Principal and Interest Payments for Consolidated Utility (including 2023 bond and CoBank debt to pay for 2022 Capex)	\$	10,167,110	(2)	\$	926,740	(8)(10)	\$	11,093,850	\$	1,162,039	(8)	\$	12,255,889	\$	916,110	(8)	\$	13,171,999	\$	1,707,954	(8)	\$	14,879,953
Principal and Interest Coverage Requirement		1.10	(3)				1.10					1.10					1.10						1.10
DW 23-101 Consolidated Utility Principal and Interest Revenue Requirement	\$	11,183,821					\$	12,203,235				\$	13,481,478				\$	14,489,199				\$	16,367,948
RSF Debit/Credit sought in Consolidated Rates	\$	-					\$	-				\$	-				\$	-				\$	-
Total Consolidated Revenue Requirement sought in DW 23-101	\$	55,918,502					\$	57,161,443				\$	58,756,490	\$	60,006,437			\$	59,321,456			\$	60,651,602
DW 23-101 Revenue Requirement sought less Other Revenues approved in DW 22-032	\$	55,233,521	(6)				\$	56,476,462				\$	58,071,509				\$	59,321,456				\$	61,753,326
DW 23-101 Revenue Requirement sought less Other Revenues less Fixed Special Contract Revenues	\$	54,131,797	(7)				\$	55,374,738				\$	56,969,785				\$	58,219,732				\$	60,651,602
Percent QCPAC Surcharge (5)							2.30%					2.95%					2.31%						4.49%
Cumulative QCPAC Surcharge (9)							2.30%					5.24%					7.55%						12.04%
Cumulative QCPAC monthly increase in average Core single family residential bill.							\$	1.59				\$	3.62				\$	5.22				\$	8.33
Average monthly Core single family residential bill with QCPAC.	\$	69.12					\$	70.71				\$	72.75				\$	74.34				\$	77.45
Cumulative QCPAC monthly increase in average Non-Core single family residential bill.							\$	1.77				\$	4.04				\$	5.83				\$	9.29
Average monthly Non-Core single family residential bill with QCPAC.	\$	77.15					\$	78.92				\$	81.19				\$	82.97				\$	86.44

Notes:

(1) Operating Expense Revenue requirement is the sum of the Total Operating Expenses, Property Tax Expense, Amortization Expense and Payroll Tax Expenses requested in DW23-101

(2) Annual Principal and interest payments for PWW, PEU and PAC debt associated with all plant in service as requested in DW23-101.

(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 being sought in DW 23-101

(6) Consolidated Revenue Requirement less total Other Revenues of

(7) Reduction in revenues associated with fixed contracts as proformed in DW 22-032

(8) QCPAC Principal and Interest expenses for 2023 PWW's QCP's are based on

(8) QCPAC Principal and Interest expenses for 2023 PEU's QCP's are based on

(8) QCPAC Principal and Interest expenses for 2024, 2025 and 2026 QCP's are based on

(9) Cumulative surcharge percentage is based on total surcharge revenues sought divided by the total consolidated revenues sought in DW 23-101.

\$

\$

684,981

1,101,724

30 year bond with interest rate of

25 year CoBank term loan with rate of

30 year bond with interest rate of

6.50% for 2023 Capital Expenditures unless funding is via an SRF/DWGTf financing.

7.75% for 2023 Capital Expenditures unless funding is via an SRF/DWGTf financing.

6.50% for 2024 through 2026 Capital Expenditures unless funding is via an SRF/DWGTf financing.

Impact on Single Family Residential Home:

	Proposed Core Consolidated Rate		Proposed Non-Core Consolidated Rate	
Monthly meter charge sought in Consolidated Rate Case DW 23-101 -	\$	29.02	\$	29.02
Average Single Family Consumption as filed in DW 23-101 (CCF) -		7.61		7.61
Volumetric Charge sought in DW 23-101 -	\$	5.27	\$	6.32
Ave. Single Family monthly bill with rates projected upon completion of DW 23-101 -	\$	69.12	\$	77.15

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 (l)	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 inpsction	2304780	DW20-157	26,459	3/2/2021	\$ 55,000	Yes	\$ 52,200	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	-	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	\$ 4,400	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	Transceivers, 3 MFX920 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	-	-	\$ 8,546	Merrimack	No	\$ 24.56	\$ -	
3" Neptune Construction Meter	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	Copayment 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	Copayment 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	\$ 355,088	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	Plaistow	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	Plaistow	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 DSRRL 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 DSRRL 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 DSRRL 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 DSRRL Funds	-	\$ 4,000	Yes	-	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction 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 DSRRL Funds	-	\$ 4,000	Yes	-	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction 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 DSRRL Funds	-	\$ 2,000	Yes	\$ 2,063	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction 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 DSRRL Funds	-	\$ 6,000	Yes	\$ 2,902	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction costs and recovered in 2025 QCPAC
Thomas St.	Replacing 420 LF of 1908-1926 8" CI main with 6" DI- Design only. Construction in 2024	-	-	0.1 DSRRL Funds	-	\$ 4,000	Yes	-	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction 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 DSRRL Funds	-	\$ 6,000	Yes	-	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction 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 DSRRL Funds	-	\$ 5,000	Yes	-	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction 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 DSRRL Funds	-	\$ 2,000	Yes	\$ 963	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction 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 DSRRL Funds	-	\$ 3,000	Yes	\$ 1,143	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction 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 DSRRL Funds	-	\$ 3,000	Yes	-	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction 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 DSRRL Funds	-	\$ 3,000	Yes	\$ 1,721	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction 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 DSRRL Funds	-	\$ 6,000	Yes	\$ 1,605	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction costs and recovered in 2025 QCPAC
Copp Street - Design	Copp Street - Design	2304989	-	0.1 DSRRL Funds	-	-	Yes	\$ 1,632	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction 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 DSRRL Funds	-	\$ 5,000	Yes	-	Nashua	No	\$ 23.26	\$ -	Design Deferred
Jones Ct - Design	Jones Ct - Design	2304993	-	0.1 DSRRL Funds	-	\$ 10,000	Yes	\$ 1,143	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction costs and recovered in 2025 QCPAC
Jones Ct	Replacing 180 LF of 1.5 inch Galv with 4inch PVC	-	-	0.1 DSRRL Funds	-	-	Yes	-	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction costs and recovered in 2025 QCPAC
Troy St.	Abandon Replacing 290 LF of 1.5" & 2"	2304995	-	0.1 DSRRL Funds	-	\$ 66,000	Yes	\$ 2,168	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction costs and recovered in 2025 QCPAC
Broadview Ave - Design	Broadview Ave - Design only	2304994	-	0.1 DSRRL Funds	-	\$ 27,000	Yes	\$ 1,962	Nashua	No	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction costs and recovered in 2025 QCPAC
Broadview Ave	Replacing 435 feet of 1.5 & 8 inch with4 inch PVC & 8 inch DI	-	DW20-157	26,459	3/2/2021	\$ 168,000	Yes	-	Nashua	Yes	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction costs and recovered in 2025 QCPAC
Ritter St.	Replacing 210 LF of 1893 6" CI main with 8" DI	-	DW20-157	26,459	3/2/2021	\$ 88,000	Yes	-	Nashua	Yes	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction costs and recovered in 2025 QCPAC
Dexter St.	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	\$ -	Design costs to be incorporated into 2024 contruction costs and recovered in 2025 QCPAC
Crown St.	Replacing 225 LF of 1901 6" CI main with 8" DI	-	DW20-157	26,459	3/2/2021	\$ 95,000	Yes	-	Nashua	Yes	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction costs and recovered in 2025 QCPAC
Hobbs Ave	Replacing 490 LF of 1906 6" CI main with 8" DI	-	DW20-157	26,459	3/2/2021	\$ 194,000	Yes	-	Nashua	Yes	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction costs and recovered in 2025 QCPAC
Elm St.	Replacing 330 LF of 1892 6" CI main with 8" DI	-	DW20-157	26,459	3/2/2021	\$ 135,000	Yes	-	Nashua	Yes	\$ 23.26	\$ -	Design costs to be incorporated into 2024 contruction costs and recovered in 2025 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 (l)	QCPAC Eligible Property Tax Expense	Explanation for Change/Addition/Deletion since Petition Filing
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 & 6AB	Replace Filter Turbidimeter Controller 5A/B & 6AB	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 #0	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	2307667	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 unit)	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 SHP Pump, Orchard Avenue Pump Station	Additional SHP 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	an 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 anomylies 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	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/Clarios	Replace Existing DoForms with Clarios 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 contact	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	2308056	DW20-157	26,459	3/2/2021		Yes	\$ 7,450	Nashua	No	\$ 23.26	\$ -	
PWW Project Retainage	Paid out in 2023 on retainage held on 2024 projects		DW20-157	26,459	3/2/2021		Yes	\$ 186,231	Various	Yes	\$ 23.57	\$ 4,389	
PWW Project Retainage	Held on various projects listed above. Will be paid out in 2024		DW20-157	26,459	3/2/2021		Yes	\$ (251,319)	Various	Yes	\$ 23.57	\$ (5,924)	
Projected short term interest on TD Bank FALOC	Interest incurred to finance 2023 Capex until permanent financing is achieved	N/A	DW20-157	26,459	3/2/2021	\$ 303,000	Yes	\$ 379,433	N/A	No	N/A	\$ -	
Londonderry System Improvements	1.25 MG Tank, 16 Inch Transmission Main, & 3,500 gpm Booster Station	2300490	CoBank FALOC- recover in 2025 QCPAC for 2024 used and useful			\$ 600,000	Yes	\$ 177,613	Londonderry	No	\$ 21.01	\$ -	Project deferred until 2024. Project held up be permitting. Permit has been approved and project out to bid. CWTP to become used and useful in 2024 and captured in 2024 QCPAC filing
Sunrise Estates - Middleton NH	Station and Storage Tank Replacement	2301285	CoBank		Pending Filing	\$ 500,000	Yes	\$ 876,309	Middleton	Yes	\$ 20.82	\$ 18,245	Project under construction. Price increase from budget reflects final bid results.
Sunrise Estates	Station Replacement Design	2003613	CoBank		Pending Filing		Yes	\$ 7,805	Middleton	Yes	\$ 20.82	\$ 162	
Sunrise Estates station Reconstruction Design	Sunrise Estates station Reconstruction Design	2209824	CoBank		Pending Filing		Yes	\$ 17,955	Middleton	Yes	\$ 20.82	\$ 374	
Gage Hill - Pelham	Water Main Replacement Replace Approx. 4800 LF of 2 PE with 4 inch C-900 PVC - Paving only	26459	CoBank		Pending Filing	\$ 700,000	Yes		Pelham	Yes	\$ 23.40	\$ -	Paving Complete. See cost by street in rows 13-16 below.
Gage Hill - Pelham	Bridge Street Main Replacement Carryover - Paving Only	2300525	CoBank		Pending Filing		Yes	\$ 7,330	Pelham	Yes	\$ 23.40	\$ 172	Paving and clean up will be completed in 2023. Current pricing reflects final bid results.
Gage Hill - Pelham	Radcliffe Drive Main Replacement Carryover - Paving Only	2300526	CoBank		Pending Filing		Yes	\$ 34,092	Pelham	Yes	\$ 23.40	\$ 798	Paving and clean up will be completed in 2023. Current pricing reflects final bid results.
Gage Hill - Pelham	Vassar Drive Main Replacement & Pumping Station Carryover - Paving Only	2300527	CoBank		Pending Filing		Yes	\$ 179,032	Pelham	Yes	\$ 23.40	\$ 4,189	Paving and clean up will be completed in 2023. Current pricing reflects final bid results.
Gage Hill - Pelham	Wellesley Drive Main Replacement Carryover - Paving Only	2300528	CoBank		Pending Filing		Yes	\$ 158,058	Pelham	Yes	\$ 23.40	\$ 3,699	Paving and clean up will be completed in 2023. Current pricing reflects final bid results.
Gage Hill - Pelham	Replace 4600 of 2" thin walled PE Pipe with 4930 of 4" PVC pipe	2207847	CoBank		Pending Filing		Yes	\$ 1,995					

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
Gage Hill - Pelham	Wellesley Drive Main Replacement Carryover	2207844	CoBank		Pending Filing		Yes	\$ 7,123	Pelham	Yes	\$ 23.40	\$ 167	
Gage Hill - Pelham	Vassar Drive Main Replacement & Pumping Station Carryover	2207843	CoBank		Pending Filing		Yes	\$ 2,711	Pelham	Yes	\$ 23.40	\$ 63	
Investment in Developer Services	1x Annual Revenue	Routine	CoBank		Pending Filing	\$ 150,000	Yes	\$ 41,223	Various	Yes	\$ 23.54	\$ 970	54 installed in 2023
Interconnect the W&E CWS to the Town of Salem Water System	Interconnect the W&E CWS to the Town of Salem Water System - Carryover	2101750 & 2302584	CoBank		Pending Filing		Yes	\$ 77,887	Windham	Yes	\$ 26.17	\$ 2,038	Pricing reflects final clean up work.
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	Routine	CoBank		Pending Filing	\$ 40,000	Yes	\$ 56,789	Various	Yes	\$ 23.54	\$ 1,337	14 Replaced or Rebuilt in 2023
Replace VFD Booster #2, Liberty Tree	Replace VFD Booster #2, Liberty Tree	2304165	CoBank		Pending Filing		Yes	\$ 2,407	Pelham	Yes	\$ 23.40	\$ 56	
Replace VFD Booster #3, Liberty Tree	Replace VFD Booster #3, Liberty Tree	2304352	CoBank		Pending Filing		Yes	\$ 2,422	Pelham	Yes	\$ 23.40	\$ 57	
Well Pump replacements	Well Pump replacements	Routine	CoBank		Pending Filing	\$ 40,000	Yes	\$ 75,386	Various	Yes	\$ 23.54	\$ 1,775	9 Replaced or Rebuilt in 2023
Replace VFD Locke Lake Wells 13 & 14	Replace VFD Locke Lake Wells 13 & 14	2301955	CoBank		Pending Filing		Yes	\$ 11,764	Barnstead	Yes	\$ 19.84	\$ 233	
Replace VFD Wells 13, 14 & 15, Locke Lake	Replace VFD Wells 13, 14 & 15, Locke Lake	2305444	CoBank		Pending Filing		Yes	\$ 9,098	Barnstead	Yes	\$ 19.84	\$ 181	
Chemical Feed pump replacements	Chemical Feed pump replacements	Routine	CoBank		Pending Filing	\$ 10,000	Yes	\$ 2,410	Various	Yes	\$ 23.54	\$ 57	2 replaced in 2023.
Install/replace treatment systems in small CWS (PFOA/Mn/Arsenic treatment) systems	Install/replace treatment systems in small CWS systems	n/a	CoBank		Pending Filing	\$ 50,000	Yes	\$ -	Various	Yes	\$ 23.54	\$ -	See Pioneer Park Arsenic Project, Row 40
Castle Reach PFAS Treatment Installation	Castle Reach PFAS Treatment Installation Carryover	2300511 & 2301282	CoBank		Pending Filing		Yes	\$ 46,426	Pelham	Yes	\$ 23.40	\$ 1,086	
Misc. Structural Improvements	Misc. Structural Improvements - roof re-build/repair W and E, Harvest Village, Castle Reach	n/a	CoBank		Pending Filing	\$ 50,000	Yes	\$ -	Various	Yes	\$ 23.54	\$ -	
Replace Roof, Harvest Village	Replace Roof, Harvest Village	2305813	CoBank		Pending Filing		Yes	\$ 8,726	Londonderry	Yes	\$ 21.01	\$ 183	
Replace Roof, White Rock	Replace Roof, White Rock	2307327	CoBank		Pending Filing		Yes	\$ 14,675	Bow	Yes	\$ 32.65	\$ 479	
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	n/a	CoBank		Pending Filing	\$ 10,000	Yes	\$ -	Various	Yes	\$ 23.54	\$ -	
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	n/a	CoBank		Pending Filing	\$ 40,000	Yes	\$ -	Various	Yes	\$ 23.54	\$ -	See rows 33-35 below for 2023 Misc. SCADA/Electrical projects
Install Cellular SCADA Comm, Wesco	Install Cellular SCADA Comm, Wesco	2304052	CoBank		Pending Filing		Yes	\$ 2,875	Hooksett	Yes	\$ 21.34	\$ 61	
Install Cellular SCADA Comm, Raymond	Install Cellular SCADA Comm, Raymond	2304053	CoBank		Pending Filing		Yes	\$ 2,875	Raymond	Yes	\$ 25.80	\$ 74	
Install Cellular SCADA Comm, Chester	Install Cellular SCADA Comm, Chester	2304054	CoBank		Pending Filing		Yes	\$ 2,875	Chester	Yes	\$ 28.00	\$ 81	
Mountain Homes SCADA Networking	Mountain Homes SCADA Networking	2302212	CoBank		Pending Filing		Yes	\$ 2,066	Londonderry	Yes	\$ 21.01	\$ 43	
Well Rehabilitation	Well Rehabilitation	n/a	CoBank		Pending Filing	\$ 60,000	Yes	\$ -	Various	Yes	\$ 23.54	\$ -	
Locke Lake Well Pump Replacement	Replacement of the existing pumps in Wells 13, 14, and 15and associated electrical work	2206575	CoBank		Pending Filing		Yes	\$ 21,023	Barnstead	Yes	\$ 19.84	\$ 417	
Install web based communication equipment, 4 locations	Install web based communication equipment, 4 locations	n/a	CoBank		Pending Filing	\$ 20,000	Yes	\$ -	Various	Yes	\$ 23.54	\$ -	0 to date, projecting no projects for the rest of the year.
WesTech Skid New Compressor	WesTech Skid New Compressor	2308007	CoBank		Pending Filing		Yes	\$ 3,360	Barnstead	Yes	\$ 19.85	\$ 67	Compressor to membrane filtration system failed.
Remove Accumulated Arsenic/Iron Sludge, Peachum Station	Remove Accumulated Arsenic/Iron Sludge, Peachum Station	2308713		0.1 DSRR Funds		\$ -	Yes	\$ 132,694	Barnstead	No	\$ 19.85	\$ -	Remove and dispose of 10 years of accumulated sludge from sludge holing tank
Pioneer Park Arsenic Filtration system	Install filters in Pioneer Park CWS booster Station to remove Arsenic	2300449	CoBank		Pending Filing	\$ -	Yes	\$ 16,244	Atkinson	Yes	\$ 19.68	\$ 320	Project completed in early 2023, started in 2022. Was missed from approved 2023 carry over budget.
PEU New Services (3)	Single Family, Owner Build, New Homes	Routine	CoBank		Pending Filing	\$ 30,000	Yes	\$ 14,525	Various	Yes	\$ 23.54	\$ 342	3 Installed in 2023.
PEU Renewed Services (8)	Replacement of failed services (8)	Routine	CoBank		Pending Filing	\$ 30,000	Yes	\$ 18,674	Various	Yes	\$ 23.54	\$ 440	8 Renewed in 2023.
PEU Renewed Services - Locke Lake (15)	Renewal of Main to Stop portion of services in Locke Lake per DES Order (15)	Routine	CoBank		Pending Filing	\$ 90,000	Yes	\$ -	Various	Yes	\$ 23.54	\$ -	Project deferred until 2024. Project held up be permitting. Permit has been approved and project out to bid
PEU Hydrants (5)	Replacement of non functional hydrants (5)	Routine	CoBank		Pending Filing	\$ 30,000	Yes	\$ 21,237	Various	Yes	\$ 23.54	\$ 500	3 Installed in 2023.
PEU Gates (10)	Replacement of Failed Gate Valves (10)	Routine	CoBank		Pending Filing	\$ 40,000	Yes	\$ -	Various	Yes	\$ 23.54	\$ -	
PEU Radios - PFOA (50)	New Radios for PFOA customers (50)	Routine	CoBank		Pending Filing	\$ 6,000	Yes	\$ -	Various	Yes	\$ 23.54	\$ -	Included in below budget
PEU Radios (150)	New Customers (67)	Routine	CoBank		Pending Filing	\$ 18,000	Yes	\$ 8,440	Various	Yes	\$ 23.54	\$ 199	67 Installed in 2023.
New meters for new customers (150)	New meters for new customers (150)	Routine	CoBank		Pending Filing	\$ 19,000	Yes	\$ -	Various	Yes	\$ 23.54	\$ -	Included in below budget
New Meter - PFOA (50)	New Meters for PFOA Customers (50)	Routine	CoBank		Pending Filing	\$ 6,250	Yes	\$ -	Various	Yes	\$ 23.54	\$ -	Included in below budget
PEU Replacement of failed meters (50)	Replacement of failed meters (50)	Routine	CoBank		Pending Filing	\$ 6,250	Yes	\$ -	Various	Yes	\$ 23.54	\$ -	Included in below budget
PEU Meters 5/8"-6" Lead Meter Exchange - PEU (400)	Replace High lead brass meter with new no lead brass meter (400)	Routine	CoBank		Pending Filing	\$ 50,000	Yes	\$ 38,679	Various	Yes	\$ 23.54	\$ 911	114 Installed/repalced in 2023.
2302 West Shore Rd Meter Pit Replacement	2302 West Shore Rd Meter Pit Replacement	2301954	CoBank		Pending Filing		Yes	\$ 3,622	North Conway	Yes	\$ 16.88	\$ 61	Replace meter pit that was set and owned by Consolidated and Central in 2006
PEU 2023 Radios (700)	Year 3 of 10 year replacement of all PEU radios (all initial radios installed in 2007) (700)	2300444	CoBank		Pending Filing	\$ 91,000	Yes	\$ 16,765	Various	Yes	\$ 23.54	\$ 395	136 Radios installed in 2023.
PEU- PWW Wholesale water contract	PEU- PWW Wholesale water contract	2209725		0.1 DSRR Funds				\$ 11,640	Nashua	No	\$ 23.36	\$ -	
Interest on CoBank FALOC	Short term interest from 10/1/2023 - 7/31/2024		CoBank		Pending Filing	\$ 14,100	Yes	\$ 74,851	N/A	No	\$ -	\$ -	Final amount dependent upon loan closing date and FALOC interest rates
New Services (1)	New Services (1)			Intercompany Loan - Terms set at same rate as PWW Bonds		\$ 6,000	Yes	\$ 7,140	Pittsfield	Yes	\$ 29.91	\$ 214	
Renewed Services (2)	Renewed Services (2)			Intercompany Loan - Terms set at same rate as PWW Bonds		\$ 12,000	Yes		Pittsfield	Yes	\$ 29.91	\$ -	
Hydrants (2)	Hydrants (2)			Intercompany Loan - Terms set at same rate as PWW Bonds		\$ 12,000	Yes		Pittsfield	Yes	\$ 29.91	\$ -	
New Gates installation (2)	New Gates installation (2)			Intercompany Loan - Terms set at same rate as PWW Bonds		\$ 8,000	Yes		Pittsfield	Yes	\$ 29.91	\$ -	
Replace failed Radios (10)	Replace failed Radios (10)			Intercompany Loan - Terms set at same rate as PWW Bonds		\$ 1,200	Yes		Pittsfield	Yes	\$ 29.91	\$ -	
PAC 2023 Radio replacment pogram (90)	Original 640+ radios were installed in 2007. Year 1 of 7 year replacement plan			Intercompany Loan - Terms set at same rate as PWW Bonds		\$ 12,000	Yes	\$ 2,831	Pittsfield	Yes	\$ 29.91	\$ 85	
Meters 5/8"-6" New Meters - PAC (7)	Meters 5/8"-6" New Meters - PAC (7)			Intercompany Loan - Terms set at same rate as PWW Bonds		\$ 880	Yes	\$ 2,678	Pittsfield	Yes	\$ 29.91	\$ 80	
Misc. structural improvements	Misc. structural improvements			Intercompany Loan - Terms set at same rate as PWW Bonds		\$ 10,000	Yes		Pittsfield	Yes	\$ 29.91	\$ -	
Replace Finished Water Turbidimeter	Replace Finished Water Turbidimeter	2302832		Intercompany Loan - Terms set at same rate as PWW Bonds		\$ -	Yes	\$ 9,597	Pittsfield	Yes	\$ 29.91	\$ 287	
Berry Pond Wetland Survey & Permit	Berry Pond Wetland Survey & Permit	2306151		Intercompany Loan - Terms set at same rate as PWW Bonds		\$ -	Yes	\$ 5,358	Pittsfield	Yes	\$ 29.91	\$ 160	
PAC lab/Process equipment - four turbidimeters, 1 Chlorine analyzer	PAC lab/Process equipment - four turbidimeters, 1 Chlorine analyzer			Intercompany Loan - Terms set at same rate as PWW Bonds		\$ 35,000	Yes		Pittsfield	No	\$ 29.91	\$ -	
Replace filter valve actuators, 3	Replace filter valve actuators, 4			Intercompany Loan - Terms set at same rate as PWW Bonds		\$ 4,000	Yes		Pittsfield	Yes	\$ 29.91	\$ -	
Pennichuck Water Works Projected 2023 Total Capital Expenditure Budget -						\$ 16,216,455		\$ 12,667,702	Projected Property Tax Expense associated with		\$ 223,527		

					Total for 0.1 DSRR 2023 Projects -	\$	224,000	\$	269,011	0.1 DSRR funds limited to paying for design and studies. Remaining 0.1 DSRR funds will be needed to refill PWW-PEU RSF accounts.				
					Total Projected Bond funded PWW QCPAC Capex for 2023 -	\$	12,650,775	\$	9,409,456					
					Total CoBank funded PWW QCPAC Capex for 2023 -	\$	2,700,600	\$	1,890,931	\$	124,677			
					Total Projected NHDES SRF/DWGTf funded PWW QCPAC Capex for 2023 -	\$	540,000	\$	540,000	\$	144,334			
					PAC Capex funded with Intercompnay Debt -	\$	101,080	\$	27,604			\$	1,153,323	
										Core	Non Core			
Estimated Bond Terms (Bonds to be sold in April 2024) -		30	Years @	6.50%	resulting in P&I of	\$	720,552	\$	751,253	\$	182,397	0.7520/22741	1.1957/16158	1.3310/80251
NHDES SRF terms -		20	Years @	1.256%	resulting in P&I of	\$	30,701	\$	173,373	\$	41,131	0.247977259	0.394283842	0.438919749
CoBank Term Loan Terms (zLoan to be closed in late summer of 2024) -		25	Years @	7.75%	resulting in P&I of	\$	173,373	\$	999,751.51	\$	241,766.75	\$ 1,241,518.25	11.14286463	12.404321
PAC Intercompany -		30	Years @	6.50%	resulting in P&I of	\$	2,114							
					Total 2023 P&I -	\$	926,740							

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
PWW 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
PWW 2024 Renewed Services (20)	Replacement of Failed Services	DW20-157	26,459	3/2/2021	\$ 110,000	Yes	Various	Yes	\$ 23.57	\$ 2,593
PWW 2024 Hydrants (10)	Replacement of non-functional hydrants	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Various	Yes	\$ 23.57	\$ 1,414
PWW 2024 Gates (20)	Replacement of Failed Gate Valves	DW20-157	26,459	3/2/2021	\$ 80,000	Yes	Various	Yes	\$ 23.57	\$ 1,886
PWW 2024 Radios (200)	New Radios for new customers (200)	DW20-157	26,459	3/2/2021	\$ 24,000	Yes	Various	Yes	\$ 23.57	\$ 566
PWW 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
PWW 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	Varioius	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 fiedl service enhancements	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	Nashua	No	\$ 23.23	\$ -
Capitalized Interest on Fixed Asset Line of Credit	PWW FALOC interest	DW20-157	26,459	3/2/2021	\$ 403,000	Yes	Various	No		\$ -
PEU New Services (5)	Single Family, Owner Build, New Homes	PWW Bond	Pending Filing		\$ 30,000	Yes	Various	Yes	\$ 23.54	\$ 706
PEU Renewed Services (20)	Replacement of failed services (5)	PWW Bond	Pending Filing		\$ 30,000	Yes	Various	Yes	\$ 23.54	\$ 706
Renewed Services - Locke Lake (15)	Renewal of Main to Stop portion of servicesin Locke Lake per DES Order (15)	PWW Bond	Pending Filing		\$ 90,000	Yes	Various	Yes	\$ 23.54	\$ 2,119
PEU Hydrants (5)	Replacement of non functional hydrants (5)	PWW Bond	Pending Filing		\$ 30,000	Yes	Various	Yes	\$ 23.54	\$ 706
PEU Gates (10)	Replacement of Failed Gate Valves (10)	PWW Bond	Pending Filing		\$ 40,000	Yes	Various	Yes	\$ 23.54	\$ 942
PEU Radios (150)	New Customers (150)	PWW Bond	Pending Filing		\$ 18,000	Yes	Various	Yes	\$ 23.54	\$ 424
PEU New meters for new customers (150)	New meters for new customers (150)	PWW Bond	Pending Filing		\$ 19,000	Yes	Various	Yes	\$ 23.54	\$ 447
PEU Replacement of failed meters (50)	Replacement of failed meters (50)	PWW Bond	Pending Filing		\$ 6,000	Yes	Various	Yes	\$ 23.54	\$ 141
PEU Meters 5/8"-6" Lead Meter Exchange - PEU (400)	Replace High lead brass meter with new no lead brass meter (400)	PWW Bond	Pending Filing		\$ 50,000	Yes	Various	Yes	\$ 23.54	\$ 1,177
Michels Way Booster Station	Londonderry System Improvements	PWW Bond	Pending Filing		\$ 894,000	Yes	Londonderry	Yes	\$ 21.01	\$ 18,783
Londonderry Storage Tank	Londonderry System Improvements	PWW Bond	Pending Filing		\$ 1,262,000	Yes	Londonderry	Yes	\$ 21.01	\$ 30,246
Londonderry Transmission Main	Londonderry System Improvements	PWW Bond	Pending Filing		\$ 760,000	Yes	Londonderry	Yes	\$ 21.01	\$ 15,968
Investment in Developer Services	1x Annual Revenue	PWW Bond	Pending Filing		\$ 150,000	Yes	Various	Yes	\$ 23.54	\$ 3,531
White Rock PFAS Station Upgrades	Design for Station Upgrades/Interconnections		0.1 DSRR		\$ 11,000	Yes	Bow	No	\$ 32.65	\$ -
Williamsburg PFAS Station Upgrades	Design for Station Upgrades/Interconnections		0.1 DSRR		\$ 57,000	Yes	Pelham	No	\$ 23.40	\$ -
Spruce Pond PFAS Station Upgrades	Design for Station Upgrades/Interconnections		0.1 DSRR		\$ 11,000	Yes	Windham	No	\$ 26.17	\$ -
Gage Hill PFAS Station Upgrades	Design for Station Upgrades/Interconnections		0.1 DSRR		\$ 86,000	Yes	Pelham	No	\$ 23.40	\$ -
Pinehaven PFAS Interconnection	Design for Station Upgrades/Interconnections		0.1 DSRR		\$ 8,000	Yes	Londonderry	No	\$ 21.01	\$ -
W&E PFAS Station Upgrades	Design for Station Upgrades/Interconnections		0.1 DSRR		\$ 5,000	Yes	Windham	No	\$ 26.17	\$ -
Chemical Feed pump replacements	Chemical Feed pump replacements	PWW Bond	Pending Filing		\$ 10,000	Yes	Various	Yes	\$ 23.54	\$ 235
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	PWW Bond	Pending Filing		\$ 10,000	Yes	Various	Yes	\$ 23.54	\$ 235
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	PWW Bond	Pending Filing		\$ 40,000	Yes	Various	Yes	\$ 23.54	\$ 942
Well Rehabilitation	Well Rehabilitation	PWW Bond	Pending Filing		\$ 60,000	Yes	Various	Yes	\$ 23.54	\$ 1,412
Install web based communication equipment, 4 locations	Install web based communication equipment, 4 locations	PWW Bond	Pending Filing		\$ 20,000	Yes	Various	Yes	\$ 23.54	\$ 471

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
Booster pump replacements	Booster bump replacements - run rate	PWW Bond		Pending Filing	\$ 65,000	Yes	Various	Yes	\$ 23.54	\$ 1,530
Well pump replacements	Well pump replacements - run rate	PWW Bond		Pending Filing	\$ 60,000	Yes	Various	Yes	\$ 23.54	\$ 1,412
Install treatment systems	Install treatment systems - run rate	PWW Bond		Pending Filing	\$ 50,000	Yes	Various	Yes	\$ 23.54	\$ 1,177
Interest on CoBank FALOC	Short term interest from 8/1/2024 - 7/31/2025	PWW Bond		Pending Filing	\$ 72,000	Yes	N/A	No	\$ -	\$ -
PAC New Services (1)	PAC New Services (1)	PWW Bond		Pending Filing	\$ 6,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 179
PAC Renewed Services (2)	PAC Renewed Services (2)	PWW Bond		Pending Filing	\$ 12,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 359
PAC Hydrants (2)	PAC Hydrants (2)	PWW Bond		Pending Filing	\$ 12,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 359
PAC Gates (2)	PAC Gates (2)	PWW Bond		Pending Filing	\$ 8,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 239
PAC Radios (10)	PAC Radios (10)	PWW Bond		Pending Filing	\$ 1,200	Yes	Pittsfield	Yes	\$ 29.91	\$ 36
PAC 2024 Radio replacment pogram (90)	Original 640+ radios were installed in 2007. Year 2 of 7 year replacement plan	PWW Bond		Pending Filing	\$ 12,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 359
Meters 5/8"-6" New(1) Replace Failed (6)	Meters 5/8"-6" New(1) Replace Failed (6)	PWW Bond		Pending Filing	\$ 880	Yes	Pittsfield	Yes	\$ 29.91	\$ 26
Pennichuck Water Works Projected 2024 Total Capital Expenditure Budget -					\$ 16,550,080		Projected Property Tax Expense associated with			\$ 316,804

Total for 0.1 DSRR 2024 Projects - \$ 763,000

Total Projected Bond funded PWW QCPAC Capex for 2024 - \$ 15,174,693

FEMA Grant - \$ 790,000

includes funding to pay for 22023 Londonderry CWIP of \$ 177,613

Estimated Bond Terms (Bonds to be sold in April 2025) - 30 Years @ 6.50% resulting in P&I of \$ 1,162,039

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 (l)	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	0.1 DSRR Funds			\$ 97,000	Yes	Plaistow	No	\$ 27.44	\$ -
Drew Woods PFAS Station Upgrades	Design for Drew Woods PFAS Station Upgrades	0.1 DSRR Funds			\$ 12,000	Yes	Derry	No	\$ 23.26	\$ -
2026 Water Main Replacement (Design Only)	Various Streets, Diameters and Materials	0.1 DSRR Funds			\$ 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 (1)	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 ²	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	\$ -
New Services (5)	Single Family, Owner Build, New Homes	PWW Bond	Pending Filing		\$ 30,000	Yes	Various	Yes	\$ 23.54	\$ 706
Renewed Services (20)	Replacement of failed services (5)	PWW Bond	Pending Filing		\$ 30,000	Yes	Various	Yes	\$ 23.54	\$ 706
Renewed Services - Locke Lake (15)	Renewal of Main to Stop portion of servicesin Locke Lake per DES Order (15)	PWW Bond	Pending Filing		\$ 90,000	Yes	Various	Yes	\$ 23.54	\$ 2,119
Hydrants (5)	Replacement of non functional hydrants (5)	PWW Bond	Pending Filing		\$ 30,000	Yes	Various	Yes	\$ 23.54	\$ 706
Gates (10)	Replacement of Failed Gate Valves (10)	PWW Bond	Pending Filing		\$ 40,000	Yes	Various	Yes	\$ 23.54	\$ 942
Radios - PFOA (50)	New Radios for PFOA customers (50)	PWW Bond	Pending Filing		\$ 6,000	Yes	Various	Yes	\$ 23.54	\$ 141
Radios (150)	New Customers (150)	PWW Bond	Pending Filing		\$ 18,000	Yes	Various	Yes	\$ 23.54	\$ 424
New meters for new customers (150)	New meters for new customers (150)	PWW Bond	Pending Filing		\$ 19,000	Yes	Various	Yes	\$ 23.54	\$ 447
New Meter - PFOA (50)	New Metere for PFOA Customers (50)	PWW Bond	Pending Filing		\$ 6,000	Yes	Various	Yes	\$ 23.54	\$ 141
Replacement of failed meters (50)	Replacement of failed meters (50)	PWW Bond	Pending Filing		\$ 6,000	Yes	Various	Yes	\$ 23.54	\$ 141
Meters 5/8"-6" Lead Meter Exchange - PEU (400)	Replace High lead brass meter with new no lead brass meter (400)	PWW Bond	Pending Filing		\$ 50,000	Yes	Various	Yes	\$ 23.54	\$ 1,177
2025 Radios (700)	Year 4 of 10 year replacement of all PEU radios (all initial radios installed in 2007) (700)	PWW Bond	Pending Filing		\$ 91,000	Yes	Various	Yes	\$ 23.54	\$ 2,142
White Rock PFAS Station Upgrades	Construction for Station Upgrades/Interconnections	PWW Bond	Pending Filing		\$ 125,400	Yes	Bow	Yes	\$ 32.65	\$ 4,094
Williamsburg PFAS Station Upgrades	Construction for Station Upgrades/Interconnections	PWW Bond	Pending Filing		\$ 627,000	Yes	Pelham	Yes	\$ 23.40	\$ 14,672
Spruce Pond PFAS Station Upgrades	Construction for Station Upgrades/Interconnections	PWW Bond	Pending Filing		\$ 125,400	Yes	Windham	Yes	\$ 26.17	\$ 3,282
Gage Hill PFAS Station Upgrades	Construction for Station Upgrades/Interconnections	PWW Bond	Pending Filing		\$ 940,500	Yes	Pelham	Yes	\$ 23.40	\$ 22,008
Investment in Developer Services	1x Annual Revenue	PWW Bond	Pending Filing		\$ 150,000	Yes	Various	Yes	\$ 23.54	\$ 3,531
Goldenbrook PFAS Station Upgrades	Design for Station Upgrades/Interconnections	PWW Bond	Pending Filing		\$ 120,000	Yes	Windham	No	\$ 26.17	\$ -
Beaver Hollow PFAS Station Upgrades	Design for Station Upgrades/Interconnections	PWW Bond	Pending Filing		\$ 90,000	Yes	Sandown	No	\$ 26.24	\$ -
Ministerial Heights PFAS Station Upgrades	Design for Station Upgrades/Interconnections	PWW Bond	Pending Filing		\$ 45,000	Yes	Londonderry	No	\$ 21.01	\$ -
Hardwood PFAS Station Upgrades	Design for Station Upgrades/Interconnections	PWW Bond	Pending Filing		\$ 50,000	Yes	Windham	No	\$ 26.17	\$ -
Lead & Copper Rule Compliance	Design for 1/5 of Projected M-S Service Replacements - Year 1	PWW Bond	Pending Filing		\$ 18,000	Yes	Various	No	\$ 23.54	\$ -
Pioneer Park - Design	Design Station with new Treatment, Storage & Pump	PWW Bond	Pending Filing		\$ 85,000	Yes	Atkinson	No	\$ 19.68	\$ -
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	PWW Bond	Pending Filing		\$ 60,000	Yes	Various	Yes	\$ 19.68	\$ 1,181
Well Pump replacements	Well Pump replacements	PWW Bond	Pending Filing		\$ 80,000	Yes	Various	Yes	\$ 23.54	\$ 1,883
Chemical Feed pump replacements	Chemical Feed pump replacements	PWW Bond	Pending Filing		\$ 10,000	Yes	Various	Yes	\$ 23.54	\$ 235
Install/replace treatment systems in small CWS (supplemental Arsenic treatment systems	Install/replace treatment systems in small CWS (supplemental Arsenic treatment systems	PWW Bond	Pending Filing		\$ 50,000	Yes	Various	Yes	\$ 23.54	\$ 1,177
Roof replacement W and E	Roof replacement W and E	PWW Bond	Pending Filing		\$ 50,000	Yes	Windham	Yes	\$ 26.17	\$ 1,309
Roof replacement Castle Reach	Roof replacement Castle Reach	PWW Bond	Pending Filing		\$ 50,000	Yes	Windham	Yes	\$ 26.17	\$ 1,309
Roof replacements	Roof replacements	PWW Bond	Pending Filing		\$ 50,000	Yes	Various	Yes	\$ 23.54	\$ 1,177
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	PWW Bond	Pending Filing		\$ 10,000	Yes	Various	Yes	\$ 23.54	\$ 235
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	PWW Bond	Pending Filing		\$ 40,000	Yes	Various	Yes	\$ 23.54	\$ 942
Well Rehabilitation	Well Rehabilitation	PWW Bond	Pending Filing		\$ 60,000	Yes	Various	Yes	\$ 23.54	\$ 1,412
install web based communication equipment, 4 locations	install web based communication equipment, 4 locations	PWW Bond	Pending Filing		\$ 20,000	Yes	Various	Yes	\$ 23.54	\$ 471
PAC New Services (1)	New Services (1)	PWW Bond	Pending Filing		\$ 6,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 179

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
PAC Renewed Services (2)	Renewed Services (2)	PWW Bond		Pending Filing	\$ 12,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 359
PAC Hydrants (2)	Hydrants (2)	PWW Bond		Pending Filing	\$ 12,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 359
PAC Gates (2)	New Gates installation (2)	PWW Bond		Pending Filing	\$ 8,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 239
PAC Radios (10)	Replace failed Radios (10)	PWW Bond		Pending Filing	\$ 1,200	Yes	Pittsfield	Yes	\$ 29.91	\$ 36
PAC 2024 Radio replacment pogram (90)	Original 640+ radios were installed in 2007. Year 3 of 7 year replacement plan	PWW Bond		Pending Filing	\$ 1,200	Yes	Pittsfield	Yes	\$ 29.91	\$ 36
Meters 5/8"-6" New(1) Replace Failed (6)	Meters 5/8"-6" New Meters - PAC (7)	PWW Bond		Pending Filing	\$ 880	Yes	Pittsfield	Yes	\$ 29.91	\$ 26
WTP - Misc Structural and equipment upgrades/replacement	Plant roof and other mechanical equipment approaching end of useful life.	PWW Bond		Pending Filing	\$ 50,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 1,496
Water Storage Tank	Design 500,000 Gallon Storage Tank		0.1 DSRR Funds		\$ 100,000	Yes	Pittsfield	No	\$ 29.91	\$ -
Water Treatment Plant Improvements	Design Treatment Plant upgrades. Plant built in 1998. Improvements for better DBP precursor removal		0.1 DSRR Funds		\$ 75,000	Yes	Pittsfield	No	\$ 29.91	\$ -
Lead & Copper Rule Compliance	Design for 1/5 of Projected M-S Service Replacements - Year 1		0.1 DSRR Funds		\$ 13,600	Yes	Pittsfield	No	\$ 29.91	\$ -
	Pennichuck Water Works Projected 2025 Total Capital Expenditure Budget -				\$ 19,597,180		Projected Property Tax Expense associated with			\$ 242,227

Total for 0.1 DSRR 2025 Projects - \$ 634,000

Total Projected Bond funded PWW QCPAC Capex for 2025 - \$ 11,963,180

Special Project Bond for Chemical Feed Building - \$ 7,000,000 2025 Construction to be placed in CWIP until used and useful in 2026

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 ²	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 flatten 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	\$ -
PEU New Services (5)	Single Family, Owner Build, New Homes	Financing will be sought in future financing docket			\$ 30,000	Yes	Various	Yes	\$ 23.54	\$ 706
PEU enewed Services (20)	Replacement of failed services (5)	Financing will be sought in future financing docket			\$ 30,000	Yes	Various	Yes	\$ 23.54	\$ 706
PEU Renewed Services - Locke Lake (15)	Renewal of Main to Stop portion of servicesin Locke Lake per DES Order (15)	Financing will be sought in future financing docket			\$ 90,000	Yes	Various	Yes	\$ 23.54	\$ 2,119
PEU Hydrants (5)	Replacement of non functional hydrants (5)	Financing will be sought in future financing docket			\$ 30,000	Yes	Various	Yes	\$ 23.54	\$ 706
PEU Gates (10)	Replacement of Failed Gate Valves (10)	Financing will be sought in future financing docket			\$ 40,000	Yes	Various	Yes	\$ 23.54	\$ 942
PEU Radios - PFOA (50)	New Radios for PFOA customers (50)	Financing will be sought in future financing docket			\$ 6,000	Yes	Various	Yes	\$ 23.54	\$ 141
PEU Radios (150)	New Customers (150)	Financing will be sought in future financing docket			\$ 18,000	Yes	Various	Yes	\$ 23.54	\$ 424
PEU New meters for new customers (150)	New meters for new customers (150)	Financing will be sought in future financing docket			\$ 19,000	Yes	Various	Yes	\$ 23.54	\$ 447
PEU New Meter - PFOA (50)	New Metere for PFOA Customers (50)	Financing will be sought in future financing docket			\$ 6,000	Yes	Various	Yes	\$ 23.54	\$ 141
PEU Replacement of failed meters (50)	Replacement of failed meters (50)	Financing will be sought in future financing docket			\$ 6,000	Yes	Various	Yes	\$ 23.54	\$ 141
Meters 5/8"-6" Lead Meter Exchange - PEU (400)	Replace High lead brass meter with new no lead brass meter (400)	Financing will be sought in future financing docket			\$ 50,000	Yes	Various	Yes	\$ 23.54	\$ 1,177
PEU 2025 Radios (700)	Year 4 of 10 year replacement of all PEU radios (all initial radios installed in 2007) (700)	Financing will be sought in future financing docket			\$ 91,000	Yes	Various	Yes	\$ 23.54	\$ 2,142
Ministerial Heights PFAS Station Upgrades	Construction for Station Upgrades/Interconnections	Financing will be sought in future financing docket			\$ 512,440	Yes	Londonderry	Yes	\$ 21.01	\$ 10,766
Hardwood PFAS Station Upgrades	Construction for Station Upgrades/Interconnections	Financing will be sought in future financing docket			\$ 547,370	Yes	Windham	Yes	\$ 26.17	\$ 14,325
Lead & Copper Rule Compliance	Construction for Year 1	Financing will be sought in future financing docket			\$ 198,000	Yes	Various	Yes	\$ 23.54	\$ 4,661
Pioneer Park - Construction	Construct Station with new Treatment, Storage & Pump	Financing will be sought in future financing docket			\$ 935,000	Yes	Atkinson	Yes	\$ 19.68	\$ 18,401
Investment in Developer Services	1x Annual Revenue	Financing will be sought in future financing docket			\$ 150,000	Yes	Various	Yes	\$ 23.54	\$ 3,531
Lead & Copper Rule Compliance	Design for 1/5 of Projected M-S Service Replacements - Year 2	Financing will be sought in future financing docket			\$ 18,000	Yes	Various	Yes	\$ 23.54	\$ 424
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	Financing will be sought in future financing docket			\$ 60,000	Yes	Various	Yes	\$ 23.54	\$ 1,412

Well Pump replacements	Well Pump replacements	Financing will be sought in future financing docket	\$ 80,000	Yes	Various	Yes	\$ 23.54	\$ 1,883
Chemical Feed pump replacements	Chemical Feed pump replacements	Financing will be sought in future financing docket	\$ 10,000	Yes	Various	Yes	\$ 23.54	\$ 235
Install/replace treatment systems in small CWS	Install/replace treatment systems in small CWS	Financing will be sought in future financing docket	\$ 50,000	Yes	Various	Yes	\$ 23.54	\$ 1,177
Roof replacements	Roof replacements	Financing will be sought in future financing docket	\$ 50,000	Yes	Various	Yes	\$ 23.54	\$ 1,177
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	Financing will be sought in future financing docket	\$ 10,000	Yes	Various	Yes	\$ 23.54	\$ 235
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	Financing will be sought in future financing docket	\$ 40,000	Yes	Various	Yes	\$ 23.54	\$ 942
Well Rehabilitation	Well Rehabilitation	Financing will be sought in future financing docket	\$ 60,000	Yes	Various	Yes	\$ 23.54	\$ 1,412
install web based communication equipment, 4 locations	install web based communication equipment, 4 locations	Financing will be sought in future financing docket	\$ 20,000	Yes	Various	Yes	\$ 23.54	\$ 471
PAC New Services (1)	New Services (1)	Financing will be sought in future financing docket	\$ 6,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 179
PAC Renewed Services (2)	Renewed Services (2)	Financing will be sought in future financing docket	\$ 12,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 359
PAC Hydrants (2)	Hydrants (2)	Financing will be sought in future financing docket	\$ 12,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 359
PAC Gates (2)	New Gates installation (2)	Financing will be sought in future financing docket	\$ 8,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 239
PACRadios (10)	Replace failed Radios (10)	Financing will be sought in future financing docket	\$ 1,200	Yes	Pittsfield	Yes	\$ 29.91	\$ 36
PAC Radios (90)	Original 640+ radios were installed in 2007. Year 4 of 7 year replacement plan	Financing will be sought in future financing docket	\$ 12,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 359
PAC Meters 5/8"-6" New(1) Replace Failed (6)	Meters 5/8"-6" New Meters - PAC (7)	Financing will be sought in future financing docket	\$ 880	Yes	Pittsfield	Yes	\$ 29.91	\$ 26
PAC WTP - Misc Structural and equipment upgrades/replacement	mechanical equipment approaching end of useful life.	Financing will be sought in future financing docket	\$ 50,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 1,496
PAC Water Storage Tank	Construct 500,000 Gallon Storage Tank	Financing will be sought in future financing docket	\$ 1,000,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 29,910
PAC Water Treatment Plant Improvements	PAC construct Treatment Plant upgrades. Upgrades required to enhance DBP precursor removal	Financing will be sought in future financing docket	\$ 750,000	Yes	Pittsfield	Yes	\$ 29.91	\$ 22,433
Lead & Copper Rule Compliance	Design for 1/5 of Projected M-S Service Replacements - Year 1	0.1 DSRR Funds	\$ 13,600	Yes	Pittsfield	No	\$ 29.91	\$ -
	Pennichuck Water Works Projected 2026 Total Capital Expenditure Budget -		\$ 18,991,490			Projected Property Tax Expense associated with		\$ 553,120

Total for 0.1 DSRR 2026 Projects - \$ 744,600

Total Projected Bond funded PWW QCPAC Capex for 2026 - \$ 14,246,890

Special Project Bond for Chemical Feed Building - \$ 11,000,000

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	\$ 1,090,990
Estimated Bond Terms (Special Project bonds to be sold in April 2027) -	30	Years @	3.75%	resulting in P&I of	\$ 616,964
				Total Projected P&I -	<u>\$ 1,707,954</u>

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.