Pennichuck Water Works, Inc. DW 23-015 Computation of QCPAC Surcharge 2/13/2023

Total OERR - \$ 114,271 Total DSRR - \$ 377,666 71.30% Total 0.1 DSRR -\$37,767 7.13% 529,704

DW23-015 Revenues % by Revenue

Total DW23-015 Annual QCPAC revenues - \$

5/18/2023 and 6/16/2023 and 6/29/2023	
10/31/2023 update	

Revised per DOE DR Sets 1, 2, and 3

		uested DW 22 32 Revenues	2-		CPAC For 2022 ital Additions pro forma			AC Surcharge for Capital Addition	QCPAC For 2023 Capital Additions pro forma		for 2	C Surcharge 023 Capital dditions		PAC For 2024 I Additions I forma		QCPAC Surcharg for 2024 Capital Additions		QCPAC For 2025 Capital Additions pro forma	for	AC Surcharge 2025Capital Additions
City Bond Fixed Revenue Requirement (CBFRR)	\$	7,729,03	2	\$	-		\$	7,729,032			\$	7,729,032				\$ 7,729,03	32		\$	7,729,032
DW 22-032 Operating Expense Revenue Requirement, with MOEF, per Settlement Agreement	\$	25,249,66	1 (1)	\$	114,271	(4)	\$	25,363,931 \$	\$ 184,519	(4)	\$	25,548,450	\$	452,0	61 (4)	\$ 26,000,51	1	\$ 209,136	(4) \$	26,209,647
DW 22-032 Annual Principal and Interest Payments per Settlement Agreement	\$	7,436,92	3 (2)	\$	377,666	(7)	\$	7,814,589 \$	\$ 673,934	(8)	\$	8,488,523	\$	1,411,6	75 (8)	\$ 9,900,19	98	<b>\$</b> 774,747	-8 \$	10,674,945
Principal and Interest Coverage Requirement		1.1	0 (3)					1.10				1.10				1.1	.0			1.10
DW 22-032 Principal and Interest Revenue Requirement	\$	8,180,61	5				\$	8,596,048			\$	9,337,375				\$ 10,890,21	8		\$	11,742,439
DW 22-032 RSF Debit	\$	(422,87	1) (11)				\$	(422,871)			\$	(422,871)				\$ (422,87	71)		\$	(422,871)
DW 22-032 Revenue Requirement per Settlement Agreement inclusive of RSF Debit	\$	40,736,43					\$	41,266,141			\$	42,191,987				\$ 44,196,89	00		\$	45,258,248
DW 22-032 Revenue Requirement less Other Revenues	\$	40,143,04	5				\$	40,672,749			\$	41,598,595				\$ 43,603,49	98		\$	44,664,856
DW 22-032 Revenue Requirement less Other Revenues less Fixed Special Contract Revenues	\$	39,057,35	9 (6)				\$	39,587,063			\$	40,512,909				\$ 42,517,81	2		\$	43,579,170
Percent QCPAC Surcharge (5)								1.36%				2.37%				5.13	i%			2.72%
Cumulative QCPAC Surcharge (9)								1.36%				3.73%				8.86	i%			11.58%
Cumulative QCPAC monthly increase in average single family residential bill.							\$	0.83			\$	2.28				\$ 5.4	13		\$	7.09
Average monthly single family residential bill with QCPAC.	\$	61.2	8				\$	62.11			\$	63.56				\$ 66.7	1		\$	68.37
Notes:  (1) Operating Expense Revenue requirement is the sum of the Total Operating Expenses, Property Tax Expense, Amortization Expense and Payroll Tax Expenses agreed to 2. Annual Principal and interest payments for PWW debt associated with all plant in service as agreed to in the settlement agreement for DW22-032.  (3) Principal and interest coverage of 1.10 is as approved in DW 16-806.  (4) QCPAC operating expenses are based on the property taxes for used and useful plant added during the year.  (5) QCPAC percent revenue surcharges based on increase in revenues which are reflected in the Settlement agreement in DW22-032.	o in the Settlemen	it agreement for I	OW22-032	2							\$	1.45								
(6) Reduction in revenues associated with fixed contracts as follows:  (7) QCPAC Principal and Interest expenses for DWGTF financing are based on a (7) QCPAC Principal and Interest expenses based on actual April 26, 2023 Bond issuance based on a (8) QCPAC Principal and Interest expenses for 2023, 2024 and 2025 QCPS are based on (9) Cumulative surcharge percentage is based on total surcharge revenues collected divided by the revenues agreed to in the settlement in DW 22-032 that are impacted by th (10) Operating expense revenues agreed to in the Settlement Agreement per DW 22-032 less total Other Revenues of (11) RSF debit agreed to in Settlement Agreement in DW 22-032		3	30 year bo 30 year bo 30 year bo	ond with i	457,083 interest rate of interest rate of interest rate of		% (Total /	All In Interest Cost of al	Milford Annual Fixed Chg ll Series Bonds) Expenditures unless fundir	,	\$ n SRF/D	81,000 DWGTF financing.	A-B An	nual Fixed Ch	g	\$ 356,62	22	PEU Annual Fixed Chg	\$	190,981

Impact on Single Family Residential Home:

	DW 22-032
Monthly meter charge apreed to in Settlement inDW 22-032 -	\$ 26.9
Average Single Family Consumption as filed in DW 22-032 (CCF) -	7.7
Volumetric Charge agreed to in Settlement in DW 22-032 -	\$ 4.4
Ave. Single Family monthly bill with rates projected upond completion of DW 22-032 -	\$ 61.2

Pennichuck Water Works, Inc. DW 23-0115 2022 Actual QCPAC Expenditures 2/13/2023 Revised per DOE DR Sets 1, 2, and 3 5/18/2023 and 6/16/2023 and 6/29/2023

			1		1										
								Estimated Year Esti	nated Project					QCPAC Eligible	
D			Financing Docke	NHPUC Order		Approved	OCDA CENT TA	End Project Cost	Cost as of	Final Project cost				Property Tax	P. J. C. C. WALLS (D. J. C. J. P. 1999 PH)
Project Name/Description	Project Description	Work Order #		No.	Order	Budgeted Amount		as of 09/30/2022 1	1/30/2022	as of 12/31/2022	Community	Taxable	Tax Rate (1)	Expense	Explanation for Change/Addition/Deletion since Feb 2022 Filing
Office Space for Const & Maint Supervisor Locker Room Wash Sinks	Permanent Office space for Construction & Maint Supervisor  Deep stainless wash sinks to replace existing sinks in male & female locker rooms	n/a n/a	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 15,000 \$ 10,000	Yes	\$ - \$ \$ 10,000 \$	- 5	, -	Merrimack Merrimack	Yes Yes	\$ 22.87 \$ 22.87		Deferred to 2023 Deferred to 2023
Locker Room Benches	Permanent Benches in Men's & Women's Locker Rooms	n/a	DW20-157	26,459	3/2/2021	\$ 7,500	Yes	\$ 7,500 \$	- 5	-	Merrimack	Yes	\$ 22.87		Deferred to 2023
2022 New Services (15) 2022 Renewed Services (20)	Single Family, Owner Build, New Homes  Replacement of Failed Services	Routine Routine	DW20-157 DW20-157	26,459 26,459	3/2/2021	\$ 75,000 \$ 110,000	Yes	\$ 75,000 \$ \$ 110,000 \$	102,500 \$	102,500 155 198	Various Various	Yes Yes	\$ 23.78 \$ 23.78	,	10 New Services installed in 2022. 32 Renewed Services completed in 2022.
2022 Reflewed Services (20) 2022 Hydrants (10)	Replacement of non functional hydrants	Routine	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	\$ 15,000 \$	142,271 3	3 14,793	Various	Yes	\$ 23.78	,	2 Hydrants installed in 2022.
2022 Gates (20)	Replacement of Failed Gate Valves	Routine	DW20-157	26,459	3/2/2021	\$ 80,000	Yes	\$ 72,000 \$	82,863	76,944	Various	Yes	\$ 23.78	\$ 1,830	13 Gate Valves Replaced in 2022.
2022 Radios (250) 2022 Radios (2800)	New Radios for new customers (250)  Year 2 of 10 year Replacment of all PWW Radios installed in 2007 (2800)	Routine 2200381	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 25,000	Yes	\$ 177,000 \$ \$ 240,000 \$	16,636 \$ 253,475 \$	3 16,195 3 236 311	Various	Yes Yes	\$ 23.78 \$ 23.78		163 Radios Installed in 2022. 2,142 Radios Replaced thru 11/30/2022. 300 additional radio replacements expected by year end.
2022 Natios (2000) 2022 Meters (Growth) 5/8"-2" - Core & CWS (TBD)	New meters for new customers, including PFOA (250). Replacement of failed meters(250)	Routine	DW20-157	26,459	3/2/2021	\$ 280,000 \$ 50,000	Yes	\$ 60,000 \$	82,786 \$	82,204	Various Various	Yes	\$ 23.78		392 Meters Replaced in 2022.
Replacement Dump Truck	Replacement for Truck # 7, 2011 Peterbuilt T-335, 100K+ miles, 2500 hrs, high maint & Repair	n/a	DW20-157	26,459	3/2/2021	\$ 125,000	Yes	S - S	- \$	-	Merrimack	No	\$ 22.87		Deferred due to availability.
Replacement Utility Truck	New Utility Truck to replace #84, 2014 F-350, 120k miles, High maint & Repair costs  New Utility Truck to replace #9, 2014 F-350, 120k miles, High Maint & Repair costs	2204657 2204656		0.1 DSRR funds 0.1 DSRR funds		\$ 70,000	Yes	\$ 53,995 \$ \$ 53,600 \$	53,995 \$	76,895	Merrimack	No	\$ 22.87		
Replacement Utility Truck Replacment Supervisor Pickup	New Utility Truck to replace #3, 2014 F-350, 120k miles, High Maint & Repair costs  New Full sized Pickup to replace #21, 2013 Chevy Equinox, 150k miles, Hi Maint & Repair costs	2204656	DW20-157	0.1 DSRR funds 26,459	3/2/2021	\$ 70,000 \$ 50,000	Yes	\$ 53,600 \$ \$ 54,340 \$	53,600 \$ 54,340 \$	76,500 54,340	Merrimack Merrimack	No No	\$ 22.87 \$ 22.87		
Protectus Meter Upgrade	Protectus Meter Upgrade	n/a	DW20-157	26,459	3/2/2021	\$ 22,000	Yes	\$ - \$			Nashua	Yes	\$ 23.55	\$ -	Deferred due to availability.
Miscellaneous Construction Equipment  New 22 Ton Tilt Trailer	Miscellaneous Construction Equipment	n/a 2205058	DW20-157	26,459	3/2/2021	\$ 40,000 \$ 30,000	Yes	\$ - \$	-		Merrimack	No	\$ 22.87		Budget money moved to a different unbudgeted project/projects.
Air Compressor for Vac/Valve Truck	22 Ton Tilt Trailer to transport Excavator for Distribution Crew Work Inline Air Compressor for Valve/Vac Truck for Jack Hammer & other equipment use	2205058	DW20-157	26,459 0.1 DSRR funds	3/2/2021		Yes Yes	\$ 39,421 \$ \$ 18,450 \$	39,421 \$ 4,572 \$	\$ 39,421 \$ 4,572	Merrimack Merrimack	No No	\$ 22.87 \$ 22.87		
Air Compressor for Vac/Valve Truck	Inline Air Compressor for Valve/Vac Truck for Jack Hammer & other equipment use	2206577	DW20-157	26,459	3/2/2021	\$ 12,000	Yes	S - S	13,878 \$	13,878	Merrimack	No	\$ 22.87		Residual of Air Compressor cost (row 27) not coverd by 0.1DSRR funds.
New 3"" Neptune Construction Meters	Purchase 2 new 3" Neptune Construction Meters to meet Demand	2203895		0.1 DSRR funds	•	\$ -	Yes	\$ 2,890 \$	2,890	\$ 2,890	Merrimack	No	\$ 22.87	S -	Misc Construction Equipment Budget - Row 23
New Cut Saws for Distribution  New Mechanics Field Service Vehicle	2 New Stihl Cust saws for Distribution  New Mechanics Field Service Vehicle	2203898	DW20-157	0.1 DSRR funds 26 459	3/2/2021	\$ -	Yes Yes	\$ 3,528 \$	3,528 5 58,900 \$	\$ 3,528 78,800	Merrimack Merrimack	No No	\$ 22.87 \$ 22.87	\$ - \$ -	Misc Construction Equipment Budget - Row 24 Misc Construction Equipment Budget - Row 25
Replacement Utility Trailer	Replacement Utility Trailer for Foreman	2204053	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 6,800 \$	6,800	\$ 6,800	Merrimack	No	\$ 22.87 \$ 22.87		mico Son Arabiton Equipmont Bauget - 110W 20
New Neptune Construction Meters	2 New Neptune Construction Meters for Contractor requests	2205668	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 2,890 \$	2,890		Merrimack	No	\$ 22.87		Misc Construction Equipment Budget - Row 25
Irrigation Sys. Inst. at Dist. Facility Loam & Hydroseed at Dist. Facility	Installation of Irrigation System at Distribution Facility Installation of Loam and Hydroseeding at Distribution Facility	2205669 2205672	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ -	Yes	\$ 3,120 \$ \$ 8,333 \$	3,120 S	,	Merrimack Merrimack	No No	\$ 22.87 \$ 22.87		
New Volvo ECR88D Excavator	New Volvo ECR88D Excavator	2208205	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ - \$	123,261 \$	5 125,303	Merrimack	No	\$ 22.87 \$ 22.87		
Purchase New 4-Ton hotbox w/30 Gal Tack Tank	Purchase New 4-Ton hotbox w/30 Gal Tack Tank	2208362	DW20-157	26,459	3/2/2021	\$ -	Yes	s - s	49,900 \$	49,900	Merrimack	No	\$ 22.87	\$ -	
DynaPac Pavement Roller Trailer for Pavement Roller	DynaPac Pavement Roller Trailer for Pavement Roller	2208363 2208364	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ - \$	21,500 \$	21,500	Merrimack	No	\$ 22.87		
Purchase 4 New Pavement Saws	Purchase 4 New Pavement Saws	2208364	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ -	Yes	s - S	6,980	\$ 6,980 \$ 6,000	Merrimack Merrimack	No No	\$ 22.87 \$ 22.87		
Kessler Farm Tank Replacement	Replaced 4 MG painted steel water tank with 4 MG prestressed, precast water tank.	2200501	DW20-157	26,459	3/2/2021	\$ 300,000	Yes	\$ 272,000 \$	200,103 \$	200,776	Nashua	Yes	\$ 23.55	\$ 4,728	
Coburn Woods (all side streets) Phase 1	Replace 4400 LF of 2 inch PVC with 4 inch DIPCL.	2200500	DW20-157	26,459	3/2/2021	\$ 300,000	Yes	\$ 189,000 \$	179,254	183,474	Nashua	Yes	§ 23.55		
Miami Street Kendrick Street	Complete main replacement and restoration in 2021 - Replace 429 LF of 2" CL pipe with 8" DIPCL Sewer work forces replacement of outdated 6" CI pipe with 466 LF of new 6" DIPCL	2201253 2201252	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 177,000 \$ 190,000	Yes	\$ 187,550 \$ \$ 130,000 \$	186,176 \$ 142,868 \$	185,648 142,894	Nashua Nashua	Yes Yes	\$ 23.55 \$ 23.55	,	Paving on this was deffered until 2023. Paving cost will be reduced and shared with the City.
Faxon Avenue	Nearby sewer work forces replacement of outdated 2" CI pipe with 205 LF of new 4" C900 PVC	2201254	DW20-157	26,459	3/2/2021	\$ 86,000	Yes	\$ 86,000 \$	86,000 \$	83,841	Nashua	Yes	\$ 23.55	\$ 1,974	r aving on this was deficied until 2025. If aving cost will be reduced and shaled with the City.
Faxon Street	Sewer work forces replacement of outdated 6" CI pipe with 528 LF of new 6" DIPCL	2201255	DW20-157	26,459	3/2/2021	\$ 220,000	Yes	\$ 195,000 \$	195,000 \$	191,910	Nashua	Yes	\$ 23.55	,	Bid was lower than the engineer's estimate.
Chataqua Ave	Broad St. to End Replace/Add 780 feet of 1.25"/4"/6" Installed in 1915-1963 with 4"/6"  E. Dunstable to service 12 Niquette Replace/Add 525 feet of 2" installed in 1960 with4"	2200426 2200427	DW20-157	26,459	3/2/2021	\$ 209,000 \$ 131,000	Yes	\$ 267,000 \$	267,068 \$	267,095	Nashua	Yes	\$ 23.55	,	Paving restoration requirements were more than anticipated.
Niquette Dr. Pine Hill Ave	Wright Rd. to End Replace/Add 300 feet of 1.25" installed in 1953 with 4"	2200427	DW20-157 DW20-157	26,459 26,459	3/2/2021	\$ 75,000	Yes	\$ 127,200 \$ \$ 92,400 \$	128,323 \$ 92,367 \$	128,363	Nashua Nashua	Yes Yes	\$ 23.55 \$ 23.55	,	Old pipe records were not accurate requireing more pipe to be replaced.
Mt. Pleasant St.	Merrimack St. to Manchester St. Replace/Add 400 feet of 1.5" installed in 1955 with 8"	2200423	DW20-157	26,459	3/2/2021	\$ 117,000	Yes	\$ 204,200 \$	195,922 \$	195,948	Nashua	Yes	\$ 23.55	\$ 4,615	More paving and night work than anticipated.
French St.	Merrimack St. to 10 French Replace/Add 340 feet of 2"/6" installed in 1887 & 1926 with 4"/6"	2200424	DW20-157	26,459	3/2/2021	\$ 87,000	Yes	\$ 178,040 \$	173,709 \$	,	Nashua	Yes	\$ 23.55	,	More paving and night work than anticipated.
Dudley St. Ledgewood Hills Dr. /Heather	June St. to E. Hobart St. Replace/Add 830 feet of 1.25"/8" CI/AC installed in 1957-1971 with 8"  To Intersection Replace/Add 10 feet of Unconnected installed in with 8	2200428 2200429	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 256,000 \$ 5,000	Yes	\$ 300,000 \$ \$ 5,500 \$	269,714 \$ 11,059 \$	269,900 11,059	Nashua Nashua	Yes Yes	\$ 23.55 \$ 23.55		
Rita St.	Allds St. to 6 Rita Replace/Add 210 feet of 1.5" CICL installed in 1956 with 4"	2200430	5 1120 137	0.1 DSRR funds	3/2/2021	\$ 53,000	No	\$ 2,899 \$	2,880 \$	3 2,880	Nashua	No	\$ 23.55		Design only
Salem St.	Whitney St. to Summer St. Replace/Add 855 feet of 4"/6" installed in 1888-1927 with 6"	2200425		0.1 DSRR funds		\$ 253,000	No	\$ 300 \$	728 \$	848	Nashua	No	\$ 23.55	*	Design only
Walnut St. Garden Street	W. Pearl St. to W. Hollis St. Replace/Add 830 feet of 6"/8" installed in 1888-1931 with 12"  Emergency replacement of 150 If of 6" CIP with 8" DIP	2200431 2208030	DW20-157	0.1 DSRR funds 26,459	3/2/2021	\$ 312,000 e	No Yes	\$ 300 \$ \$ 50,000 \$	778 \$ 49,456 \$	3 1,346 3 49,536	Nashua Nashua	No Yes	\$ 23.55 \$ 23.55	\$ - \$ 1.167	Design only City Sewer Project - Budget from row 54
Route 101A Water Main Relocation	Route 101A Water Main Relocation	n/a	DW20-157	26,459	3/2/2021	\$ 600,000	Yes	S - S	-	17,000	Nashua	Yes	\$ 23.55	, ,	ony construction budget normal or
PWW RRA- ERP	Implement Recommendations Evaluated in 2021	n/a	DW20-157	26,459	3/2/2021	\$ 500,000	Yes	S - S	-		Various	Yes	\$ 23.78		Budget money moved to a different unbudgeted project/projects.
Milford Booster Station City Sewer Projects (2022)	Replace/Relocate Milford Booster Station (Design & Permitting)  Replace CI, AC, and other older main distrupted by sewer construction	2201853 n/a	DW20-157	0.1 DSRR funds 26,459	3/2/2021	\$ 60,000 \$ 300,000	No Yes	\$ 6,827 \$	6,827 \$	6,827	Milford Nashua	No Yes	\$ 26.27 \$ 23.55		tion to be designed, owned and operated by the Milford Water Department.  No city sewer projects projected for remainder of year.
Coburn Tank Area HP Zone Watermain	Create new HP area with 1600 LF of Water Main and Check Valves	n/a	D W 20-137	0.1 DSRR funds	3/2/2021	\$ 800,000	Yes	\$ 5,000 \$	- 9	, -	Nashua	No	\$ 23.55		Design only, project deferred
Coburn Tank Area HP Booster Station	New Domestic flow and pressure booster station	n/a		0.1 DSRR funds		\$ 550,000	Yes	S - S	- \$	-	Nashua	No	\$ 23.55	*	Design only, project deferred
Investment in Developer Services Trimble GPS and Monitoring Equipment	1x Annual Revenue Level Monitors, Pressure Monitors and Flow Monitors	Routine 2204654	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 140,000 \$ 32,000	Yes	\$ 75,000 \$ \$ 20,000 \$	69,449 \$	\$ 77,276 \$ 9,156	Various Merrimack	Yes No	\$ 23.78 \$ 22.87		96 Developer Services through 11/30/2022, 10 more projected by year end.
Sweet Hill Internnection	Connecting Pipeline and Meter Pit	2208920	SRF		must be filed	\$ 220.000	Yes	\$ 20,000 \$	20,000 3	9,150	Plaistow	Yes	\$ 24.40		Design only, project deferred
Twin Ridge Interconnection	Connecting Pipeline and Meter Pit	2208919	SRF	Petiton	must be filed	\$ 100,000	Yes	\$ 10,000 \$	- 8	-	Plaistow	Yes	\$ 24.40		Design only, project deferred
Engineering Vehicle	SUV Replaces 2010 SUV #33 with over 118,000 miles.	n/a	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	\$ \$	- 5	3	Nashua	No	§ 23.55		Budget money moved to 2201770.
Engineering Vehicle Snow Station Building Addition	SUV Relpaces (#34) 2010 with over 196,000 miles.  Addition of a third High Lift Pump (Design & Permitting)	n/a n/a	DW20-157	26,459 0.1 DSRR	3/2/2021	\$ 30,000 \$ 100,000	Yes	\$ - \$	- \$	-	Nashua Nashua	No No	\$ 23.55 \$ 23.55		Budget money moved to 2206415.  Project deferred
Engineering Studies: WTP	Chemical Feed and Storage, PFAS treatment	2205826		0.1 DSRR 0.1 DSRR		\$ 50,000	Yes	\$ 90,000 \$	125,000 \$	113,182	Nashua	No	\$ 23.55 \$ 23.55	*	Design only
Atherton Commons	Install 9 Meter Boxes (Pits) and 45 inside meters with expansion tank	n/a	DW20-157	26,459	3/2/2021	\$ 125,000	Yes	\$ - \$	- '	-,	Amherst	Yes	\$ 26.56		Project deferred
English Woods Alternative Source Interconnection	Interconnect the English Woods CWS to the Donald St PS w/ building expansion to remove chloramines	n/a	DW20-157	26,459	3/2/2021	\$ 310,000	Yes	\$ 5,000 \$			Bedford	Yes	\$ 23.03	•	Design only, project deferred
2022 Chevy Equinox (Rep totaled #151)	Purchase a replacement vehicle due to storm damage (Rep totaled #151)	2201770	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 29,876 \$	29,876 \$	29,876	Nashua	No	\$ 23.55	\$ -	Dough Viry, project deferred
Merrimack River Intake SWPP	Merrimack River Intake SWPP	2201931		0.1 DSRR funds		\$ -	No	\$ 29,725 \$	29,928 \$	29,928	Various	No	\$ 23.78		
Coburn HP Sys Plann./Design/Prop. Water Quality Monitoring Device	Coburn HP Sys Plann./Design/Prop.  Replacement for vandalized sonde/water quality monitoring probe	2204845 2206244	DW20-157	0.1 DSRR funds 26,459	3/2/2021	\$ - \$	No Yes	\$ 8,000 \$ \$ 22,000 \$	8,000 S	\$ 6,390 38,922	Nashua Nashua	No Yes	\$ 23.55 \$ 23.55		Design only
2022 Small Diameter Water Main Replacement - South	Nye Avenue Main Replacement - PWW - 2022	2206244	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 22,000 \$	18,462 \$	38,922 3 127,808	Nashua	Yes	\$ 23.55 \$ 23.55		
2022 Small Diameter Water Main Replacement - South	Almont St Main Replacement (Design) 2022	2206683		0.1 DSRR funds		\$ -	No	\$ 1,100 \$	662 \$	945	Nashua	No	\$ 23.55	\$ -	Design only
2022 Small Diameter Water Main Replacement - South 2022 Small Diameter Water Main Replacement - South	Chapman St Main Repl. (Design) 2022 Cherry St Main Replacement (Design) 2022	2206684 2206685		0.1 DSRR funds 0.1 DSRR funds		\$ -	No No	\$ 1,100 \$ \$ 1,100 \$	3,499	\$ 3,883	Nashua Nashua	No No	\$ 23.55 \$ 23.55		Design only
2022 Small Diameter Water Main Replacement - South	D St Main Replacement (Design) 2022	2206685		0.1 DSRR funds		\$ -	No No	\$ 1,100 \$	546 \$		Nashua Nashua	No No	\$ 23.55 \$ 23.55		Design only Design only
2022 Small Diameter Water Main Replacement - South	Nye Ave Main Replacement (Design) 2022	2206687		0.1 DSRR funds		\$ -	No	\$ 1,100 \$	360 \$	\$ 360	Nashua	No	\$ 23.55	\$ -	Design only
2022 Small Diameter Water Main Replacement - South	Palm St Main Replacement (Design) 2022 Savoy St Main Replacement (Design) 2022	2206688 2206689		0.1 DSRR funds 0.1 DSRR funds		\$ -	No	\$ 1,100 \$	506 \$		Nashua	No No	\$ 23.55 e 22.55		Design only
Savoy St Main Replacement (Design) 2022 2022 Small Diameter Water Main Replacement - South	Savoy St Main Replacement (Design) 2022 Swan St Main Replacement (Design) 2022	2206689		0.1 DSRR funds 0.1 DSRR funds		\$ -	No No	\$ 1,100 \$ \$ 1,100 \$	1,176 S		Nashua Nashua	No No	\$ 23.55 \$ 23.55		Design only Design only
2022 Small Diameter Water Main Replacement - South	Union St Main Replacement (Design) 2022	2206691		0.1 DSRR funds		\$ -	No	\$ 1,100 \$	5,996 \$	10,023	Nashua	No	\$ 23.55	S -	Design only
Utility Network Migration	Utility Network Migration	2208041	We	ork is in CWIP, fund i 0.1 DSRR funds		\$ -	Yes	\$ - \$	1,276		Nashua	No	\$ 23.55 \$ 23.55		Work in CWIP per audit. This project will be permanently funded as part of 2023 Capex.
Utility Network Migration Replace 6 filter turbidimeters (manufacturer no longer supports	Utility Network Migration s Replace 6 filter turbidimeters (manufacturer no longer supports current units)	2208041 n/a	DW20-157	0.1 DSRR funds 26,459	3/2/2021	\$ 30,000	Yes Yes	s - S	- 1	\$ 1,128 5 -	Nashua Nashua	No Yes	\$ 23.55 \$ 23.55		Deferred to 2023 due to equipment availability.
	Replace missing trim and soffit along the roof line of the Boat House building on the Nashua WTP							1,		-			_ 40.00	-	Solotios to 2020 and to equipment availability.
Replace siding and soffit, boat house on WTP grounds	grounds	2207101	DW20-157	26,459	3/2/2021	\$ 14,000	Yes	\$ 12,600 \$	12,600 \$	12,600	Nashua	Yes	\$ 23.55	\$ 297	
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	Routine	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	\$ 29,034 \$	44,570 \$	39,617	Various	Yes	\$ 23.78		8 Booster Pump Replacments/Rebuilds in 2022
Well Pump replacements	Well Pump replacements	Routine	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	\$ 27,755 \$	27,755 \$	27,755	Various	Yes	\$ 23.78	\$ 660	3 Well Replacements/Rebuilds in 2022,
Chemical Feed pump replacements	Chemical Feed pump replacements	Routine	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	\$ 1,111 \$	1,111	\$ 1,111	Various	Yes	\$ 23.78	\$ 26	1 Chemical Pump Replacement/Rebuild in 2022.
	Replace Ferric Chloride feed pumps, Nashua WTP	2205517	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	\$ 11,462 \$	11,462 \$	11,462	Nashua	Yes	\$ 23.55		
Replace Ferric Chloride feed pumps, Nashua WTP			DW20-157	26,459	3/2/2021	\$ 28,000	Yes	\$ 25,805 \$	25,805 \$	25,805	Nashua	Yes	\$ 23.55	\$ 608	
Replace WTP SCADA computers	Replace WTP SCADA computers	2201956			2 /2 /2			e a			X7 .	X7	e	6	Budget management to a different colored at 2011 1111
	Replace WTP SCADA computers Misc. Structural Improvements Miscellaneous Equipment Purchased	2201956 n/a n/a	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 30,000 \$ 30,000	Yes Yes	\$ - \$	- 5	-	Various Various	Yes Yes	\$ 23.78 \$ 23.78		Budget money moved to a different unbudgeted project/projects. Budget money moved to a different unbudgeted project/projects.

Pennichuck Water Works, Inc. DW 23-0115 2022 Actual QCPAC Expenditures 2/13/2023 Revised per DOE DR Sets 1, 2, and 3 5/18/2023 and 6/16/2023 and 6/29/2023

			Financing Docket	NHPUC Order	Date of NHPUC	A			imated Project Cost as of	Final Project cost			'	QCPAC Eligible	
Project Name/Description	Project Description	Work Order #	No.	No.	Order	Approved Budgeted Amount	QCPAC Eligible?			as of 12/31/2022	Community	Taxable	Tax Rate (1)	Property Tax Expense	Explanation for Change/Addition/Deletion since Feb 2022 Filing
Rebuild 1 High lift/Intermediate pump	Rebuild 1 High lift/Intermediate pump	n/a	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	s - s	- 5	-	Nashua	Yes	\$ 23.55	s -	Budget money moved to a different unbudgeted project/projects.
WTP Structural/HVAC	WTP Structural/HVAC	n/a	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	\$ - \$	- \$	-	Nashua	Yes	\$ 23.55	\$ -	Budget money moved to a different unbudgeted project/projects.
Purchase new lab equipment	Purchase new lab equipment	n/a	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	S - S	- \$	-	Nashua	No	\$ 23.55		Budget money moved to a different unbudgeted project/projects.
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	n/a	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	s - s	- \$	-	Various	Yes	\$ 23.78	*	Design only. Project deferred until 2024 when grant money will be available.
Bowers Dam Spillway reconstruction/increase capacity Vehicle replacement	Bowers Dam Spillway reconstruction/increase capacity vehicle replacement	2201369	TNW20 457	0.1 DSRR funds 26 459	3/2/2021	\$ 1,850,000	Yes Yes	\$ 110,263 \$ \$ 45,359 \$	125,000 \$	120,140 45,359	Merrimack/Nashua Nashua	No No	\$ 23.21		Deferred due to supply chain issues and potential funding through NHDES HHDP.
Vehicle replacement Vehicle replacement	vehicle replacement	2205056 n/a	DW20-157 DW20-157	26,459	3/2/2021	\$ 55,000 \$ 40,000	Yes	\$ 45,359 \$	58,859 3	45,359	Nashua Nashua	No No	\$ 23.55 \$ 23.55		Deferred
Re-paint FWPS ceiling	Re-paint FWPS ceiling	n/a	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	\$ -			Nashua	Yes	\$ 23.55		Budget money moved to a different unbudgeted project/projects.
Carbon Filter Media	Carbon Filter Media	2202953	DW20-157	26,459	3/2/2021	\$ 1,300,000	Yes	\$ 1,433,000 \$	1,433,000 \$	1,432,922	Nashua	Yes	\$ 23.55		Budget money morea to a amorent anbudge to a project projector.
Rebuild Bulk Sodium Hypochlorite Piping	Rebuild Bulk Sodium Hypochlorite piping system in the bulk chemical storage area at WTP	2202391		0.1 DSRR funds		\$ -	Yes	\$ 6,092 \$	6,092	6,092	Nashua	Yes	\$ 23.55	\$ 143	
Purchase (2) confined space gas	Purchase (2) confined space gas monitors and related equipment	2203399		0.1 DSRR funds		\$ -	Yes	\$ 3,521 \$	3,521		Nashua	Yes	\$ 23.55		
Purchase (2) Hach DR 900 devices	Purchase (2) Hach DR 900 water testing devices	2204849	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 4,240 \$	4,240		Nashua	Yes	\$ 23.55		
Replace valve & actuator, Pulsator	Replacement of the valve and electric actuator for Pulsator Extraction Valve 2A	2204850	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 11,269 \$	11,269	11,269	Nashua	Yes	\$ 23.55		
Purchase Underwater Remote Operated Veh.  Replace Radio Comm Shakespeare Tank	Purchase Underwater Remote Operated Vehicle to perform tank Inspections  Replacement of the spread spectrum radio system with a cellular system	2204919 2205518	DW20-157	26,459 26,459	3/2/2021	\$ - \$ -	Yes	\$ 10,224 \$ \$ 5,245 \$	10,224 \$ 5.245	10,001	Nashua	No Yes	\$ 23.55 \$ 23.55		
Replace Radio Comm Snakespeare Tank Replace Soft Starter Pump 1 Taylor Falls	Replace Soft Starter Pump 1 Taylor Falls	2206239	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 5,245 \$ \$ 3,880 \$	3,880		Nashua	Yes	\$ 23.55 \$ 23.55		
Rebuild WTP. Polymer Feed 1 Mixer/Motor	Rebuild WTP. Polymer Feed 1 Mixer/Motor	2206240	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 4,500 \$	4.500		Nashua	Yes	\$ 23.55	, , ,	
,	,,			=0,102	-7.7		- 63	. ,,,,,,		, ,,,,,			25.55		sting Uranium Treatment vessel developed a leak. Vessell replaced. Existing vessel must be disposed of at
Replace Uranium Treatment System	Replace Uranium Treatment System	2207274	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ - \$	22,942	22,942	Derry	Yes	\$ 24.62		ensed landfill. Disposal will happen in 2023. New Vessel in service.
Replace Main Breaker Pump 1 Merrimack River	Replace 600 amp Main Breaker Pump 1 Merrimack River	2207860	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ - \$	3,886	3,886	Nashua	Yes	\$ 23.55	\$ 92	
Replace 2 6in Sys. Iso Valve at Drew Woods	Replace 2 6in System Isolation Valves at Drew Woods	2207867	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 3,857 \$	3,857	3,857	Derry	Yes	\$ 24.62	\$ 95	<u> </u>
Purchase New TOC Analyzer	Purchase New TOC Analyzer	2208043	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ - \$	- 5	-	Nashua	Yes	\$ 23.55	\$ -	Not complete until 2023.
Replace Heat Circulator Pump at WTP Purchase New Wach's Trav-L-Vaccum & Trailer	Replace Heat Circulator Pump at WTP Purchase New Wach's Trav-L-Vaccum & Trailer	2208044	DW20-157	26,459 0.1 DSRR funds	3/2/2021	\$ -	Yes	\$ - \$	6,000	5,499	Nashua	Yes	\$ 23.55	\$ 130	
Purchase New Wach's Trav-L-Vaccum & Trailer Replace Chlorine day tank #2, Nashua WTP	Purchase New Wach's Trav-L-Vaccum & Trailer  Replace Chlorine day tank #2, Nashua WTP	2208178 2209086	DW20-157	0.1 DSRR funds 26,459	3/2/2021	\$ -	Yes Yes	\$ - \$	29,950 \$	29,520 3 7,482	Nashua Nashua	No Yes	\$ 23.55 \$ 23.55	\$ -	
Redundant VPN Project	Replace current Firewall and add a second firewall and internet feed at Distribution	2209086	DW20-15/	0.1 DSRR funds	3/2/2021	\$ 14,000	Yes Yes	\$ - \$ \$ 13,772 \$	3,872 1 13,772 5	3 /,482 3 13,772	Nashua Nashua	Yes No	\$ 23.55 \$ 23.55	\$ 1/6	
PLL Implementatin Project	2022 CMMS PLL Implementation CO	2201937		0.1 DSRR funds		\$ 10,000	Yes	\$ 10,139 \$	10,139 \$	10,139	Nashua	No No	\$ 23.55	s -	
SEIM	On premise appliance that will sift through server logs looking for anomylies and notify IT of issues.	n/a		0.1 DSRR funds		\$ 40,000	Yes	S - S	- 5	-	Nashua	No	\$ 23.55	s -	Deferred to 2023
Cameras for Plant	Update and add additional cameras at WTP and pond intakes to enhanced security	2201772		0.1 DSRR funds		\$ 137,000	Yes	\$ 29,725 \$	29,725 \$	29,725	Nashua	No	\$ 23.55	s -	Remainder of work (\$100,000) to be completed in 2023.
Virtualization of Engineering Applications	Virtual desktop environment for Engineering so that a user can work anywhere with an network	2207263		0.1 DSRR funds		\$ 83,000	Yes	S 44,000 S	44,000 \$	51,001	Nashua	No			Year of the second seco
	connection without the need for high end desptops or laptops.							1 1					\$ 23.55	\$ -	
Secondary Production Storage	Additional storage to our production environment	2203420		0.1 DSRR funds		\$ 52,000	Yes	\$ 22,147 \$	22,147	22,147	Nashua	No	\$ 23.55	\$ -	
Veeam Back Licensing to support SCADA Servers	Standardization of Backup software for SCADA servers to be what the rest of the Company uses.  Due to our strategy of moving towards a virtualized infrastructure, this would give us the necessary	n/a		0.1 DSRR funds		\$ 16,000	Yes	\$ - \$	- 5	-	Nashua	Yes	\$ 23.55	\$ -	No hardware required. Annual subscription, expensed.
5th Virtual Server	redundency incase on of our existing Virtual servers fails.	2203421		0.1 DSRR funds		\$ 45,000	Ves	s 30,946 s	30.955	30.955	Nashna	No	\$ 23.55	•	
Boardroom Camera and Microphone	Needed as the equipment currently used from the previous facility is not providing a quality experience	2207849		0.1 DSRR funds		\$ 15,000	Yes	\$ 16,000 \$	16,000 \$	15 489	Nashua	No	\$ 23.55	s -	Equipment arrived. Installation completed in December.
Update Audio in Distribution Lunch/Training room	As we are doing more training at this location, additional configuration changes are needed.	n/a		0.1 DSRR funds		\$ 14,000	Yes	S - S	- 5	-	Merrimack	No	\$ 22.87	\$ -	Budget money used for various software projects noted below.
Miscellaneous Software	Miscellaneous Software	n/a		0.1 DSRR funds		\$ 12,000	Yes	S - S	- \$	-	Nashua	No	\$ 23.50	\$ -	Budget money used for various hardware projects noted below.
Miscellaneous Hardware	Miscellaneous Hardware	n/a		0.1 DSRR funds		\$ 22,000	Yes	S - S	- 5	-	Nashua	No	\$ 23.55		Budget money moved to a different unbudgeted project/projects.
AV Updates for Distribution 2022 CO	AV Updates for Distribution 2022 CO	2200432		0.1 DSRR funds		\$ -	Yes	\$ 4,880 \$	4,880	4,880	Merrimack	No	\$ 22.87		Misc Hardware budget
2022 Laptops for Remote Workers CO	2022 Laptops for Remote Workers CO	2201235		0.1 DSRR funds		\$ -	Yes	\$ 1,475 \$	1,475	1,475	Various	No	\$ 23.78		Misc Hardware budget
2022 SCADA Network Update CO	2022 SCADA Network Update CO	2201333 2201855		0.1 DSRR funds 0.1 DSRR funds		\$ -	Yes	\$ 87,177 \$	87,177 \$	88,223	Nashua	Yes	\$ 23.55	\$ 2,078	Mine Handridge bridge
Laptop for New Employee (IS) Network Load Balancer	Laptop for New Employee (IS)  Network Load Balancer for VPN connections	2201855		0.1 DSRR funds 0.1 DSRR funds		\$ -	Yes Yes	\$ 2,081 \$ \$ 6,780 \$	2,081 \$	5 2,081 6,780	Nashua Nashua	No No	\$ 23.55 \$ 23.55	\$ -	Misc Hardware budget Misc software budget
Mobile Device Purchases/Upgrades	Upgrading Users Mobile Devices	2204822		0.1 DSRR funds		\$ -	Yes	\$ 55,000 \$	6,780 \$	0,780	Various	No No	\$ 23.55 \$ 23.78	5 - e	MISC SORWare budger
Replacement Laptop for IS Employee	Replacement Laptop for IS Employee	2207262		0.1 DSRR funds		\$ -	Yes	\$ 2,559 \$	2,559	2,559	Nashua	No	\$ 23.55	ş - S -	Misc Hardware budget
SumTotal LMS Implementation	SumTotal LMS Implementation	2209088		0.1 DSRR funds		\$ -	Yes	\$ - S	9,006	18,012	Nashua	No	\$ 23.55	s -	Misc software budget
New Vehicle for PWSC Employee	New Vehicle for PWSC Employee	2206415		0.1 DSRR funds		\$ -	Yes	\$ 29,012 \$	29,013	3 29,012	Nashua	No	\$ 23.55	ş -	·
New Cubicle - Accounting Department	New Cubicle - Accounting Department	2209030		0.1 DSRR funds		\$ -	Yes	\$ - \$	- 5	5,220	Nashua	No	\$ 23.55		
Special Capital Project	New Laptop For Employee	2209703		0.1 DSRR funds		\$ -	Yes	S - S	- 5	1,269	Nashua	No	\$ 23.55		
Special Capital Project	Rebuild Soft Starter Pump #2 Merrimack River Station	2300293	1	0.1 DSRR funds		\$ -	Yes	\$ - \$	- 5	12,124	Merrimack	Yes	\$ 22.87		
Garden Street	Reconnect Nashua City Hall	2000388	1	0.1 DSRR funds 0.1 DSRR funds		\$ -	Yes	\$ - \$	- 1	1,215	Nashua	Yes	\$ 23.55		
Cataqua Avenue Faxon Avenue Main Replacements	Design Only Faxon Avenue Main Replacements	2101749 2105579		0.1 DSRR funds 0.1 DSRR funds		ъ - е	Yes Ves	\$ - \$	- 5	10,050	Nashua Nashua	No Yes	\$ 23.55 \$ 23.55		
Faxon Avenue Main Replacements	Faxon Avenue Main Replacements	21055/9		0.1 DSRR funds		φ - ¢	Yes	9 - 3	- 3	1,233	Nashua	Yes	\$ 23.55 \$ 23.55		
AV Updates for Distribution	AV Updates for Distribution	2108535		0.1 DSRR funds		\$ -	Yes	s - s		8 854	Merirmack	No	\$ 22.87		
Pinehill Avenue	Design Only	2109597		0.1 DSRR funds		\$ -	Yes	s - s	- 5	1,902	Nashua	No	\$ 23.55	s -	
Mount Pleasant Street	Design Only	2109598		0.1 DSRR funds		\$ -	Yes	s - s	- 5	4,072	Nashua	No	\$ 23.55	\$ -	
French Street	Design Only	2109599		0.1 DSRR funds		\$	Yes	s - s		3,424	Nashua	No	\$ 23.55	\$ -	
Niquette Street	Design Only	2109758		0.1 DSRR funds		\$ -	Yes	\$ - \$	- 5	2,939	Nashua	No	\$ 23.55	\$ -	·
Dudley Street	Design Only	2109759		0.1 DSRR funds		\$ -	Yes	\$ - \$	- 5	1,111	Nashua	No	\$ 23.55		
Ledgewood Hills Drive	Design Only	2109760	V-WV	0.1 DSRR funds		\$ -	Yes	\$ - \$	- 5	668	Nashua	No	\$ 23.55	-	
Retainage	Paid out in 2022 on retainage held on 2023 projects.	N/A N/A	DW20-157	26,459	3/2/2021	\$ -	Yes	\$ 190,342 \$	231,442 \$	479,371	Various	No	\$ 23.78		
Retainage Projected short term interest on EALOC	Held on various projects listed above. Will be paid out in 2023.  Interest incurred to finance 2022 Capex until permanent financing is achieved	N/A N/A	DW20-157	26,459	3/2/2021	\$ - \$ 155,000	Yes Yes	\$ (400,819) \$ \$ 207,000 \$	(370,098) \$	(122,169)	Various N/A	No No	\$ 23.78 N/A	\$ -	Interest rate on FALOC Balance was 1.836% at beginning of 2022 and was 4.865% at year end.
			DW20-15/	20,439											

	Pennichuck W	ater Works Projected 20:	22 Total Capital Expenditure Budget -	\$ 12,146,500		\$	5,819,017	\$	6,131,010	\$	6,742,259	
т	Total Projected N		Total for 0.1 DSRR 2022 Projects - anded PWW QCPAC Capex for 2022 - anded PWW QCPAC Capex for 2022 -	\$ 150,000 11,616,500 320,000		\$ \$	151,851 5,667,166		793,486 5,337,524	\$	940,380 5,801,879	
							Fina	al Bor	nd Amount -	\$	5,801,879	
Estimated Bond Terms (Bonds sold on April 26 2023) - Estimated SRF Terms -		Years @ Years @	5.005716% resulting in P&I of 3.38% resulting in P&I of	756,162 22,272		\$ \$	368,898	\$ \$	347,440	\$ \$	377,666	
			Total Projected P&I -	\$ 778,434	•	\$	368,898	\$	347,440	\$	377,666	

less \$ 60,000 for Milford Booster. Milford to pay for this work directly.

This note only applied to initial filing. Milford is now building the station and no Milford costs are in the QCPAC

940,380 will be used to fund projects based on current projection that 2022 PWW RSF balance exceeds target Combined RSF amount of \$2,850,000

<sup>1.</sup> Tax rate is the sum of the Dec 2022 local community rate plus the Statewide Utility tax rate of 6.60/1000 5. Available 0.1 DSRR at end of 2022 \$

Pennichuck Water Works, Inc. DW 23-015 2023 Projected QCPAC Expenditures 2/10/2023 Revised per DOE DR Sets 1 and 2 5/18/2023 and 6/16/2023 10/31/2023 Update

												QCPAC
			Financing Docket	NHPUC Order	Date of NHPUC	Approved	QCPAC	Estimated Project Cost as of	Estimated Project Cost as of	t		Eligible Property Tax
Project Name/Description	Project Description	Work Order#	No.	No.	Order	Budgeted Amount	Eligible?	9/30/2023	10/31/2023	Community	Taxable	Tax Rate (1) Expense Explanation for Change/Addition/Deletion since Petition Filing
Replacement Dump Truck	New Dump Truck to Replace #7, 2009 Peterbuiltt 335, 100K Miles, 6000 hrs Continuous High Maintenance, suspension issues, electrical issues	2301817	DW20-157	26,459	3/2/2021	\$ 225,000	Yes	\$ 225,000	\$ 225,000	Various	No	S 23.78 S -
2023 New Services (10)	Single Family, Owner Build, New Homes	Routine	DW20-157	26,459	3/2/2021	\$ 223,000	Yes	\$ 166,463			Yes	\$ 23.78 \$ 2,969 16 Installed through 10/31/23. Projecting another 2 through year end.
2023 Renewed Services (20)	Replacement of Failed Services	Routine	DW20-157	26,459	3/2/2021	\$ 110,000	Yes	\$ 129,522		Various	Yes	\$ 23.78 \$ 2,695 30 renewed through 10/31/23. Projecting another 5 through year end.
2023 Hydrants (10)	Replacement of non functional hydrants	Routine	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	\$ 45,645		1 444-0 440	Yes	\$ 23.78 \$ 1,279 10 Installed through 10/31/23. Projecting another 1 through year end.
2023 Gates (20) 2023 Radios (200)	Replacement of Failed Gate Valves New Radios for new customers (200)	Routine Routine	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 80,000 \$ 25,000	Yes Yes	\$ 61,052 \$ 20,595		1 444 0 440	Yes Yes	\$ 23.78 \$ 1,173   13 Installed through 10/31/23. Projecting another 2 through year end.  \$ 23.78 \$ 535   125 Installed through 10/31/23. Projecting another 50 through year end.
2023 Radios (2800)	Year 3 of 10 Replacment of all PWW Radios installed in 2007 (2800) by contractor	2300445	DW20-157	26,459	3/2/2021	\$ 364,000	Yes	\$ 364,000			Yes	\$ 23.78 \$ 8.656
2023 Meters (Growth) 5/8"-2" - Core & CWS (TBD)	New meters for new customers (200). Replacement of failed meters (200)	Routine	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	\$ 111,532	\$ 116,281		Yes	\$ 23.78 \$ 2,765 273 Installed through 10/31/23. Projecting another 100 through year end.
2023 Meter - PFOA (25)	New Meters for PFOA customers (25)	Routine	DW20-157	26,459	3/2/2021	\$ 3,125	Yes	\$ -	\$ -	Various	Yes	\$ 23.78 \$ - None expected in 2023
Replacement Utility Truck	New Utility Truck to replace existing high mileage/maintenance vehicles #84 2014 Ford F350 100K+ miles, body rot	2302830	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	\$ 85,000	\$ 85,000	Merrimack	No	s 22.87 s -
replacement dulity fracti	New Utility Truck to replace existing high mileage/maintenance vehicles #9 2014 Ford F350 110K+ miles,	2002000	DW/20 455	24.450	2/2/2021	9 03,000	103	9 05,000	9 05,000	WEITHIACK	110	V 2207 V -
Replacement Utility Truck	body rot	2303523	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	\$ 85,000	\$ 85,000	Merrimack	No	\$ 22.87 \$ -
Deale and 4/0 Tea Distant	New Full Sized Pickup to Replace existing Veh #22 2013 Chevy Equiox w/150K miles that has been retired due to not passing inpsection	0004700	DW20-157	26,459	3/2/2021							
Replacment 1/2 Ton Pickup	New Full Sized Pickup to replace Disconnect Vehicle #346 - 2017 Chevy Express 2500 Van w/67K miles -	2304780				\$ 55,000	Yes	\$ 55,000	\$ 55,000	Merrimack	No	\$ 22.87 \$ -
Replacment 1/2 Ton Pickup	that will become Hydrant Painting Van	2303524	DW20-157	26,459	3/2/2021	\$ 55,000	Yes	\$ 55,000	\$ 55,000	Merrimack	No	\$ 22.87 \$ -
Protectus Meter Upgrade	Protectus Meter Upgrade	Bond	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	\$ -	\$ -	Merrimack	Yes	\$ 22.87 \$ - See Row 31 below. Replacement of Royal Crest Protectus meter.
Miscellaneous Construction Equipment  Trimble Remote Pressure Monitoring Kits	Miscellaneous Construction Equipment Trimble Remote Pressure Monitoring Kits	Bond 2301957	DW20-157 DW20-157	26,459	3/2/2021	\$ 50,000	Yes	\$ 36,340			No	\$ 22.87 \$ -
Pro-Link Edge Heavy Duty Diagnostic Kit	Pro-Link Edge Heavy Duty Diagnostic Kit - Misc Equipment	2301957	DW20-157	26,459 26,459	3/2/2021 3/2/2021		Yes Yes	\$ 35,210 \$ 4,040			No No	\$ 22.87 \$ - Distribution & Engineering combined their budgets for this. Nothing in Eng. Dept.  \$ 22.87 \$ - Misc. Equipment
To Elini Eago Hoary Buly Blag noolio Fili	New Forman's Truck to replace #357- 2018 Kenworth T170, 6K Hrs, 70K Miles - Continuous maintenance,	200.000					103	1,010	1,010	Marianack	110	y most squpment
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	\$ 225,000		Merrimack	No	\$ 22.87 \$ -
Ford Meter Test Bench Upgrade	Upgrade of Ford Meter Test Bench to replace failed computer components and associated hardware fittings  Upgrade of Hardware & Software needed as part of the N360 meter reading upgrade - 13 R900 Belt Clip	2302944	DW20-157	26,459	3/2/2021	\$ 90,000	Yes	\$ 83,757	\$ 83,757	Nashua	No	\$ 23.55 \$ -
N360 Meter Reading Upgrade	Upgrade of Hardware & Software needed as part of the N360 meter reading upgrade - 13 R900 Belt Clip Tranceivers, 3 MRX920 Mobile Data Collectors, N360 Software subscription for 38K customers.	2304117	DW20-157	26,459	3/2/2021	\$ 155,000	Yes	\$ 161.000	\$ 161,000	Nashua	Yes	s 23.55 s 3.792
Mechanics Field Service Vehicle	Mechanics Field Service Vehicle - Carryover from 2022	2301900	DW20-157	26,459	3/2/2021	133,000	Yes	\$ 8,000	,		No	\$ 22.87 \$ - Misc. Equipment
3" Neptune Construction Meter	3" Neptune Construction Meter Misc Equipment	2304982	DW20-157	26,459	3/2/2021		Yes	\$ 1,620	\$ 1,620	Merrimack	No	\$ 22.87 \$ - 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	\$ 6,600	,		Yes	\$ 23.55 \$ 155 Protectus Meter Upgrade
Swan Street Chapman St.	Replacing 160 LF of 1953 2" main with 4" PVC Replacing 160 LF of 1948 1.25" main with 4" PVC	2302922 2302919	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 40,350 \$ 40,350	Yes Yes	\$ 60,500 \$ 67,000			Yes Yes	\$ 23.55 \$ 1,425 Based on Bids \$ 23.55 \$ 1,578 Based on Bids
Cnapman St. Cote Ave	Replacing 470 LF of 1946 1.25 Main with 8" DI	2302919	DW20-157 DW20-157	26,459	3/2/2021	\$ 40,350 \$ 129,700	Yes	\$ 67,000	,	- 1110-1-1111	Yes	\$ 23.55 \$ 1,578 Based on Bids \$ 23.55 \$ 3,945 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	\$ 68,500			Yes	\$ 23.55 \$ 1,613 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	\$ 450,000			Yes	\$ 23.55 \$ 10,598 Based on Bids
Salem St.	Replacing 1450 LF of 1888-1927 4" & 6" CI main with 6" DI Replacing 450 LF of 1954 1.5" & 2" main with 4" PVC	2302654	DW20-157	26,459	3/2/2021	\$ 101,750	Yes	\$ 323,000			Yes	\$ 23.55 \$ 7,607 Based on Bids
Dawn St. Faxon Avenue - Sewer Related	Faxon Avenue - Sewer Related - Completed in 2022	2303304 2300521	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 184,000	Yes No	\$ 128,000	\$ 128,000	Nashua Nashua	Yes Yes	\$ 23.55 \$ 3,014 Based on Bids \$ 23.55 \$ -
Faxon Street - Sewer Related	Faxon Street - Sewer Related - Completed in 2022.	2300521	DW20-157	26,459	3/2/2021		No	S -	S -	Nashua	Yes	3 25.55 \$ - S 23.55 \$ -
Amory St.	Replacing 570 LF of 1887 8" CI main with 12" DI	2302672	DW20-157	26,459	3/2/2021	\$ 171,000	Yes	\$ 311,500	\$ 311,500		Yes	\$ 23.55 \$ 7,336 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	ş -	No	\$ 185,500			Yes	\$ 26.27 \$ 4,873 Based on Bids
Berkeley St.	Replacing 3080 LF of 1888-1912 6" CI main with 8" DI  Replacing 975 LF of 1888 8" CI main with 12" DI	2302649	DW20-157	26,459	3/2/2021	\$ 807,250	Yes	\$ 1,180,000	, , , , , , , ,		Yes	\$ 23.55 \$ 27,789 Based on Bids
Temple St. Raymond St.	Replacing 2300 LF of 1887 8" CI main with 8" DI	2302650 2302655	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 311,500 \$ 597,500	Yes Yes	\$ 311,500 \$ 568,000			Yes Yes	\$ 23.55 \$ 7,336 Based on Bids \$ 23.55 \$ 13.376 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	\$ 314,000		Nashua	Yes	\$ 23.55 \$ 7.395 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	\$ 436,000	\$ 436,000	Nashua	Yes	\$ 23.55 \$ 10,268 Based on Bids
Eckler Street Main Replacement	Eckler Street Main Replacement	2302652	DW20-157	26,459	3/2/2021		Yes	\$ 44,000		- 1110-11111	Yes	\$ 23.55 \$ 1,036 Based on Bids
271 Main Street Main Replacement	272 Main Street Main Replacement Bridge Street Main Replacement	2302653	DW20-157	26,459	3/2/2021		Yes	\$ 87,357			Yes	\$ 23.55 \$ 2,057 Based on Bids
Bridge Street Main Replacement Foster Court Main Replacement	Foster Court Main Replacement	2306249 2302641	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021		Yes Yes	\$ 39,000 \$ 26,500	,	- 1110-11111	Yes Yes	\$ 23.55 \$ 918 Based on Bids \$ 23.55 \$ 624 Based on Bids
Risk and Criticality Assessment	Risk and Criticality Assessment	2303591	DW20-157	26,459	3/2/2021		Yes	\$ 59,073			Yes	\$ 23.55 \$ 1,391
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	\$ 21,250	Nashua	Yes	\$ 23.55 \$ 500 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			Yes	\$ 23.55 \$ 269 Copayment to the City for pavement
Kessler Farm Tank - landscape items NH Rte. 101A - Amherst, NH	10+/- trees died and need replaced in spring 2023 - funds held in retainage until complete  Total Project Cost exclusive of NHDOT contribution - Carryover	Bond 2301423	DW20-157	26,459 0.1 DSRR Funds	3/2/2021	\$ 10,000 \$ 550,000	Yes Yes	\$ 40,500 \$ 12.891		Nashua Nashua	Yes Yes	\$ 23.55 \$ 954 2022 payment to tank contractor was \$30,000 less and carried over into 2023  \$ 23.55 \$ 304
Twin Ridge Interconnection	150 of 8" DI with Meter Vault plus Station Demolition and Well Abandonment	230094	DW 22-033	26,673	8/29/2022	\$ 270,000	Yes	\$ 293,600			Yes	\$ 24.40 \$ 7,164 \$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	2300493	DW 22-033	26,673	8/29/2022	\$ 420,000	Yes	\$ 375,300			Yes	\$ 24.40 \$ 9,157 \$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		0.1 DSRR Funds		\$ 40,000	Yes	\$ -	\$ -	Nashua	No	\$ 23.55 \$ - Deferred until 2024
Parrish Hills HP Booster Station	New Domestic flow and pressure booster station  Projects associated with the City of Nashua Sewer Replacement program (Design)	0.1	1	0.1 DSRR Funds 0.1 DSRR Funds		\$ 20,000	Yes	\$ -	\$ -	Nashua	No No	\$ 23.55 \$ - Deferred until 2025
Misc. Nashua, NH Emergency Sewer Ferson St.	Projects associated with the City of Nashua Sewer Replacement program (Design)  Replacing 430 LF of 1931-1938 8" CI main with 12" DI - Design only. Construction in 2024	0.1 0.1		0.1 DSRR Funds 0.1 DSRR Funds		\$ 8,000 \$ 4,000	Yes Yes	\$ - \$ 4,000	\$ 4,000	Nashua Nashua	No No	\$ 23.55 \$ - Deferred until 2026  \$ 23.55 \$ - Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC
W. Otterson St.	Replacing 260 LF of 1936 8" CI main with 8" DI- Design only. Construction in 2024	0.1		0.1 DSRR Funds		\$ 4,000	Yes	\$ 4,000			No	\$ 23.55 \$ - Design costs to be incorporated into 2024 contraction costs and recoverd in 2025 QCPAC  \$ 23.55 \$ - Design costs to be incorporated into 2024 contraction costs and recoverd in 2025 QCPAC
Ritter St.	Replacing 210 LF of 1893 6" CI main with 8" DI- Design only. Construction in 2024	2304991		0.1 DSRR Funds		\$ 2,000	Yes	\$ 2,000			No	\$ 23.55 \$ - Design costs to be incorporated into 2024 contraction costs and recoverd 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 DSRR Funds	<del></del>	\$ 6,000	Yes	\$ 6,000			No	\$ 23.55 \$ - Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC
Thomas St.	Replacing 420 LF of 1908-1926 6" CI main with 6" DI- Design only. Construction in 2024  Replacing 1620 LF of 1896-1907 6" CI main with 8" DI- Design only. Construction in 2024	0.1 0.1	-	0.1 DSRR Funds 0.1 DSRR Funds		\$ 4,000	Yes	\$ 4,000			No No	\$ 23.55 \$ - Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC
Sawyer St. Balcom St.	Replacing 1225 LF of 1911-1923 8" CI main with 8" DI- Design only. Construction in 2024	0.1	<del> </del>	0.1 DSRR Funds 0.1 DSRR Funds		\$ 6,000 \$ 5,000	Yes Yes	\$ 6,000 \$ 5,000			No No	\$ 23.55 \$ - Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC  \$ 23.55 \$ - Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC
Crown St.	Replacing 225 LF of 1901 6" CI main with 8" DI- Design only. Construction in 2024	2304983	1	0.1 DSRR Funds		\$ 2,000	Yes	\$ 2,000		-	No	\$ 23.55 \$ - Design costs to be incorporated into 2024 contraction costs and recoverd in 2025 QCPAC
Hobbs Ave	Replacing 490 LF of 1906 6" CI main with 8" DI- Design only. Construction in 2024	2304987		0.1 DSRR Funds		\$ 3,000	Yes	\$ 3,000	\$ 3,000	Nashua	No	\$ 23.55 \$ - Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC
Palm St.	Replacing 420 LF of 1890 4" CI main with 6" DI- Design only. Construction in 2024	0.1		0.1 DSRR Funds		\$ 3,000	Yes	\$ 3,000			No	\$ 23.55 \$ - Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC
Elm St. Newbury St.	Replacing 330 LF of 1892 6" CI main with 8" DI- Design only. Construction in 2024  Replacing 2250 LF of 1888-1940 6" & 8" CI main with 8" DI- Design only. Construction in 2024	2304988 2304990	-	0.1 DSRR Funds 0.1 DSRR Funds		\$ 3,000 \$ 6,000	Yes Yes	\$ 3,000 \$ 6,000			No No	\$ 23.55 \$ - Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC  \$ 23.55 \$ - Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC
Copp Street - Design	Copp Street - Design	2304989	<del> </del>	0.1 DSRR Funds		9 0,000	Yes	\$ 6,000	* 0,000		No No	\$ 23.55   \$ - Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC   \$ 23.55   \$ - Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC
McKean St.	Replacing 1690 LF of 1888 6" CI main with 8" DI- Design only. Construction in 2024	0.1		0.1 DSRR Funds		\$ 5,000	Yes	\$ 5,000			No	\$ 23.55 \$ - Design costs to be incorporated into 2024 contraction costs and recovered in 2025 QCPAC
Coburn Woods	Replacing remaining 2" PE mains that were not completed in 2021- Design only. Construction in 2024	2300520		0.1 DSRR Funds		\$ 10,000	Yes	\$ 1,000			No	\$ 23.55 \$ - Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC
Jones Ct - Design Jones Ct	Jones Ct - Design  Replacing 180 LF of 1.5 inch Galv with 4inch PVC	2304993	-	0.1 DSRR Funds 0.1 DSRR Funds			Yes	\$ 1,000	\$ 1,000		No	\$ 23.55 \$ - Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC
Troy St.	Abandon Replacing 290 LF of 1.5" & 2"	2304995	+	0.1 DSRR Funds 0.1 DSRR Funds		\$ 27,000	Yes Yes	\$ - \$ 1,964	\$ 1,964	Nashua Nashua	No No	\$ 23.55 \$ - Deferred  \$ 23.55 \$ - Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 OCPAC
Broadview Ave - Design	Broadview Ave - Design only	2304994	1	0.1 DSRR Funds		21,000	Yes	\$ 2,000			No	\$ 23.55 \$ - Design costs to be incorporated into 2024 contraction costs and recoverd in 2025 QCPAC
Broadview Ave	Replacing 435 feet of 1.5 & 8 inch with4 inch PVC & 8 inch DI	Bond		0.1 DSRR Funds		\$ 168,000	Yes	\$ 2,000	\$ 2,000	Nashua	Yes	\$ 23.55 \$ 47 Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC
Ritter St.	Replacing 210 LF of 1893 6" CI main with 8" DI	Bond		0.1 DSRR Funds		\$ 88,000	Yes	\$ 2,000			Yes	\$ 23.55 \$ 47 Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC
Dexter St. Crown St.	Replacing 1885 LF of 1941-1949 6" & 8" Cl main with 8" DI  Replacing 225 LF of 1901 6" Cl main with 8" DI	Bond Bond	+	0.1 DSRR Funds 0.1 DSRR Funds		\$ 731,000 \$ 95,000	Yes Yes	\$ 2,000 \$ 2,000		-	Yes	\$ 23.55 \$ 47 Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC \$ 23.55 \$ 47 Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC
Crown St. Hobbs Ave	Replacing 490 LF of 1906 6" CI main with 8" DI	Bond	+	0.1 DSRR Funds 0.1 DSRR Funds		\$ 95,000 \$ 194,000	Yes	\$ 2,000 \$ 2,000			Yes Yes	\$ 23.55 \$ 47 Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC  \$ 23.55 \$ 47 Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC
Elm St.	Replacing 330 LF of 1892 6" CI main with 8" DI	Bond		0.1 DSRR Funds		\$ 135,000	Yes	\$ 2,000			Yes	\$ 23.55 \$ 47 Design costs to be incorporated into 2024 contraction costs and recoverd in 2025 QCPAC
Newbury St.	Replacing 2250 LF of 1888-1940 6" & 8" CI main with 8" DI	Bond	DW20-157	26,459	3/2/2021	\$ 866,000	Yes	\$ -	\$ -	Nashua	Yes	\$ 23.55 \$ - Design costs to be incorporated into 2024 contruction costs and recoverd in 2025 QCPAC
Courtland Street Main Replacement W. Hollis St Main Replacement	Courtland Street Main Replacement W. Hollis St Main Replacement	2306888	DW20-157	26,459	3/2/2021		Yes	\$ 8,764			Yes	\$ 23.55 \$ 206 Intersection replacement
	LVV. FIGURE AL IVIAITE REDIACEMENT	2307029	DW20-157	26,459	3/2/2021		Yes	\$ 10,500		Nashua Nashua	Yes No	\$ 23.55 \$ 247 Intersection replacement

Pennichuck Water Works, Inc. DW 23-015 2023 Projected QCPAC Expenditures 2/10/2023 Revised per DOE DR Sets 1 and 2 5/18/2023 and 6/16/2023 10/31/2023 Update

													nua l
								Estimated Project E	Estimated Project				PAC gible
			Financing Docket	NHPUC Order	Date of NHPUC	Approved	QCPAC	Cost as of	Cost as of			Prope	rty Tax
Project Name/Description	Project Description	Work Order #	No.	No.	Order	Budgeted Amount	Eligible?	9/30/2023	10/31/2023	Community	Taxable	Tax Rate (1) Exp	ense Explanation for Change/Addition/Deletion since Petition Filing
	Interconnection of the English Woods Station to the Donald Street Area with building expansion to remove		DW20-157	26,459	3/2/2021				_				
sh Woods Alternative Source Interconnection V RRA- ERP	chloramines Implement Recommendations Evaluated in 2021	Bond Bond	DW20-157	26,459	3/2/2021	\$ 350,000 \$ 400,000	Yes Yes	\$ - 3	\$ - s	Beford Various	Yes No	\$ 23.03 \$ \$ 23.78 \$	- Deferred until 2024 - Deferred.
ole GPS and Water (flow, level, quality) Monitoring Equipment		2301957	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	S - 5	ş - S -	Various	Yes	\$ 23.78 \$	- Moved to Distribution budget
neering Vehicle	SUV Replaces 2010 SUV #33 with over 118,000 miles. Deferred from 2022	2302208	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	\$ 30,689 \$	\$ 30,689	Nashua	No	\$ 23.55 <b>\$</b>	-
neering Vehicle	SUV Relpaces (#34) 2010 with over 196,000 miles. Deferred from 2022	2302829	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	\$ 45,943 \$	\$ 45,943	Nashua	No	\$ 23.55 \$	
mack River Watershed Council	Grant Match with other Stakeholders \$40k year 2 of 5.  Merrimack River Intake Inspection	0.1	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	S - 5	\$ -	Various	No	\$ 23.78 \$	·
mack River Intake Inspection street in Developer Services	1x Annual Revenue	2306150 Routine	DW20-157	0.1 DSRR Funds 26,459	3/2/2021	\$ 100,000	Yes Yes	\$ 31,000 \$ \$ 38,781 \$	\$ 31,000 \$ 40,109	Merrimack Various	No Yes	\$ 22.87 \$ \$ 23.78 \$	954 60 payments made through 10/31/23
aqua Avenue Main Replacement Carryover	Chatagua Avenue Main Replacement Carryover	2307730	DW20-157	26,459	3/2/2021	\$ 100,000	Yes	\$ 38,/81 3	\$ 40,109 \$ 12,500	Various Nasahua	Yes	\$ 23.78 \$ \$ 23.55 \$	294 Sewer failed after watermain installed.
er Pump replacement/rebuild	Booster Pump replacement/rebuild	Routine	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	\$ 40,000 \$	\$ 46,392	Various	Yes	\$ 23.78 \$	1,103 6 rebuilt and/or replaced through 10/31/23. ! More projected through year end.
Pump replacements	Well Pump replacements	Routine	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	\$ 25,000 \$	\$ 8,306	Various	Yes	\$ 23.78 \$	198 2 Replaced through 10/31/23. No additional replacements projected through year end.
nical Feed pump replacements	Chemical Feed pump replacements	Routine	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	\$ - 5	\$ -	Various	Yes	\$ 23.78 \$	-
ace Ferric Chloride Pump #1	Replace Ferric Chloride Pump #2	2305622	DW20-157	26,460	3/3/2021		Yes	\$ 13,068 \$	\$ 13,068	Nashua	Yes	\$ 23.55 \$	308 Chemical Feed Pump Replacement
ace Radio Comms, various stations ace Roof, backwash return pump station	Replace Radio Comms, various stations Replace Roof, backwash return pump station	Bond 2303570	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 25,000 \$ 20,000	Yes Yes	\$ - \$ \$ 15,650 \$	\$ - \$ 15,650	Various Nashua	Yes Yes	\$ 23.78 \$ \$ 23.55 \$	- Project deferred until 2024
Structural Improvements	Misc. Structural Improvements	Bond	DW20-157	26,459	3/2/2021	\$ 30,000	No	\$ 10,000 S	\$ 10,000 \$ 10,000	Varioius	Yes	\$ 23.78 \$	238
ellaneous Equipment Purchased	Miscellaneous Equipment Purchased	Bond	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	\$ 16,348 5	\$ 16,348	Various	Yes	\$ 23.78 \$	389
ce Generator Radiator, Badger Hill	Replace Generator Radiator, Badger Hill	2302644	DW20-157	26,459	3/2/2021		Yes	\$ 3,766 \$	\$ 3,766	Milford	No	\$ 26.27 \$	- Misc Equipment
ice Generator Radiator, Bowers Landing	Replace Generator Radiator, Bowers Landing	2302833	DW20-157	26,459	3/2/2021		Yes	\$ 5,707 \$	\$ 5,707	Merrimack	No	\$ 22.87 \$	- Misc Equipment
ice Generator Radiator, Sky Meadow	Replace Generator Radiator, Sky Meadow Miscellaneous SCADA/Electrical	2303353	DW20-157	26,459	3/2/2021	e 20.00c	Yes	\$ 4,179 \$	\$ 4,179	Nashua	Yes	\$ 23.55 \$	98 Misc Equipment
ellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical Replace Filter Turbidimeter Controller 5A/B & 6AB	Bond 2301304	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 60,000	Yes Yes	\$ 6,809 \$ \$ 6,016 \$	\$ 6,809 \$ 6,016	Various Nasahua	Yes Yes	\$ 23.78 \$ \$ 23.55 \$	162   142 Miscellaneous SCADA/Electrical
ace Filter Turbidimeter Controller 5A/B & 6AB	Replace VFD Souhegan Woods Jockey Pump	2301304	DW20-157 DW20-157	26,459	3/2/2021		Yes	\$ 6,016 S		Nasahua Amherst	Yes	\$ 23.55 \$ \$ 26.56 \$	142 Miscellaneous SCADA/Electrical 96 Miscellaneous SCADA/Electrical
5B Acuator Replacement	Filter 5B Acuator Replacement	2302715	DW20-157	26,459	3/2/2021		Yes	\$ 18,206 \$	\$ 18,206	Nashua	Yes	\$ 23.55 \$	429 Miscellaneous SCADA/Electrical
ace VFD Booster #4, Bowers Landing	Replace VFD Booster #4, Bowers Landing	2302716	DW20-157	26,459	3/2/2021		Yes	\$ 3,368 \$	\$ 3,368	Merrimack	Yes	\$ 22.87 \$	77 Miscellaneous SCADA/Electrical
ace Soft Starter, NW Pump #0	Replace Soft Starter, NW Pump #1	2302957	DW20-157	26,459	3/2/2021		Yes	\$ 10,125 \$	\$ 10,125	Nashua	Yes	\$ 23.55 \$	238 Miscellaneous SCADA/Electrical
ace VFD Booster #1, Armory Station	Replace VFD Booster #1, Armory Station Replace VFD Booster #4, Cabot Preserve	2303592	DW20-157	26,459	3/2/2021		Yes	\$ 2,621 \$	\$ 2,621	Nashua	Yes	\$ 23.55 \$	62 Miscellaneous SCADA/Electrical
ace VFD Booster #4, Cabot Preserve ild 1 High lift/Intermediate pump	Rebuild 1 High lift/Intermediate pump	2305442 2307667	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 50,000	Yes Yes	\$ 4,725 \$	\$ 4,725 \$ 25,000	Bedford Nashua	Yes Yes	\$ 23.55 \$ \$ 23.55 \$	111 Miscellaneous SCADA/Electrical
ice Main Breaker, NW Pump #1	Replace Main Breaker, NW Pump #1	2304300	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	\$ 30,000	\$ 25,000	Nashua	Yes	\$ 23.55 \$	106 Miscellaneous SCADA/Electrical
3rd Pump, Donald Street	Add 3rd Pump, Donald Street	2304867	DW20-157	26,459	3/2/2021		Yes	\$ 30,000 \$	\$ 30,000	Bedford	Yes	\$ 23.03 \$	691
cement Vehicle #3	Replacement Vehicle #3	2305036	DW20-157	26,459	3/2/2021		Yes	\$ 31,819 \$	\$ 31,819	Nashua	No	\$ 23.55 <b>\$</b>	
cement Vehicle #115	Replacement Vehicle #115	2305035	DW20-157	26,459	3/2/2021		Yes	\$ 65,000 \$	\$ 65,000	Nashua	No	\$ 23.55 \$	-
nase New Hach DR 900 Water Analyzer	Purchase New Hach DR 900 Water Analyzer Bower Pond Dam / FEMA Response	2306993	DW20-157	26,459 0.1 DSRR Funds	3/2/2021		Yes	\$ 2,132 \$	\$ 2,132	Nashua	Yes	\$ 23.55 \$	50
er Pond Dam / FEMA Response	WTP Structural/HVAC	2306145 Bond	DW20-157	26,459	3/2/2021	\$ 60,000	Yes Yes	\$ 12,000 \$	\$ 12,000	Merrimack Nashua	No Yes	\$ 22.87 \$ \$ 23.55 \$	-
ace Roof Top Unit 1 AC, WTP	Replace Roof Top Unit 1 AC, WTP	2303323	DW20-157	26,459	3/2/2021	\$ 00,000	Yes	\$ 65,000	\$ 65,000	Nashua	Yes	\$ 23.55 \$ \$ 23.55 \$	1,531 WTP Structural/HVAC
hase new lab equipment	Purchase new lab equipment	Bond	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	S - 5	\$ -	Nashua	No	\$ 23.55 \$	-
hase New TOC Analyzer	Purchase New TOC Analyzer - Carryover	2302898	DW20-157	26,459	3/2/2021		Yes	\$ 29,702 \$	\$ 29,702	Nashua	No	\$ 23.55 <b>\$</b>	- Purchase new lab equipment
Turbidimeter WTP	New Turbidimeter WTP	2302908	DW20-157	26,459	3/2/2021		Yes	\$ 5,534 \$	\$ 5,534	Nashua	No	\$ 23.55 \$	- Purchase new lab equipment
ellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects vehicle replacement #39, 2012 w/ 120,000 + miles	Bond	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	\$ - 5	\$ -	Various	Yes	\$ 23.78 \$	- None completed in 2023
ace Water Supply Vehicle ace Water Supply Vehicle	vehicle replacement #39, 2012 w/120,000 + miles	2305400 Bond	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 60,000 \$ 55,000	Yes Yes	\$ 44,784 \$	\$ 44,784	Nashua Nashua	No No	\$ 23.55 \$ \$ 23.55 \$	- deferred - Budget moved to NC vehicle
ace Water Supply Vehicle	Replace Vehicle #NC	2303525	DW20-157	26,459	3/2/2021	\$ 55,000	Yes	\$ 75,000 S	\$ 75,000	Nashua	No	\$ 23.55 \$ \$ 23.55 \$	- Budget moved to NC venicle
paint FWPS ceiling	Re-paint FWPS ceiling	Bond	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	S - 5	\$ -	Nashua	Yes	\$ 23.55 \$	
	Replace 6 filter turbidimeters (manufacturer no longer supports current units)	2307225	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	\$ 30,000 \$	\$ 30,000	Nashua	Yes	\$ 23.55 \$	707
ace CFE Turbidimeter	Replace CFE Turbidimeter	2305498	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	\$ 3,189 \$	\$ 3,189	Nashua	Yes	\$ 23.55 \$	75
tional 5HP Pump, Orchard Avenue Pump Station	Additional 5HP Pump, Orchard Avenue Pump Station	2300820	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	\$ 19,337 \$	\$ 19,337	Nashua	Yes	\$ 23.55 \$	455
ers Dam Spillway reconstruction/increase capacity ace Uranium Treatment System, Glen Ridge	Bowers Dam Spillway reconstruction/increase capacity  Replace Uranium Treatment System, Glen Ridge - Carryover	2301305 2301313	DW20-157	0.1 DSRR Funds 26,459	3/2/2021		Yes Yes	\$ 21,539 \$ \$ 14,892 \$	\$ 21,539 \$ 14,892	Merrimack Derry	No Yes	\$ 22.87 \$ \$ 24.62 \$	367
ace Filter Media 5A thru 6B	Replace Filter Media 5A thru 6B	2303372	DW20-157	26,459	3/2/2021	\$ 600,000	Yes	\$ 595,577	\$ 14,692 \$ 595,577	Nashua	Yes	\$ 24.62 \$ \$ 23.55 \$	14,026
ace Roof, High Pine Ave Pump Station	Replace Roof, High Pine Ave Pump Station	2307326	DW20-157	26,459	3/2/2021	9 000,000	103	9 373,311 9	\$ 5,000	Nashua	Yes	\$ 23.55 \$	118 25+ year old shingled roof starting leaking in late October.
eras for WTP	Cameras for WTP	2301514	DW20-157	26,459	3/2/2021	\$ 106,000	Yes	\$ 69,450 \$	\$ 69,450	Nashua	Yes	\$ 23.55 <b>\$</b>	1,636
I Utility Network	ESRI Utility Network	2300495	DW20-157	26,459	3/2/2021	\$ 253,000	Yes	s - 5	\$ -	Various	No	\$ 23.78 <b>\$</b>	- Same project as line 143
y Network Migration	Utility Network Migration There is a need at this facility to have multiple intercom updates since the original system was installed and	2300495	DW20-157	26,459	3/2/2021		Yes	\$ 153,870 \$	\$ 153,870	Various	No	\$ 23.78 \$	-
ibution 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	\$ 62.158	Merrimack	Yes	\$ 22.87 \$	1 422
M	On premise appliance that will sift through server logs looking for anomylies and notify IT of issues.	Bond	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	\$ - 5	\$ -	Nashua	No	\$ 22.87 \$ \$ 23.55 \$	- Vendor has moved to annual subscription.
	This server is one of 2 servers that were replaced in 2017. This replacement will flatten out our			,		,		l'					'
	replacements over the next few years . Otherwise, this system and its sister will need to be replaced in 2024		DW20-157	26,459	3/2/2021								
acement server for Nova	because they will be 7 years old.	2304055	DWIGO 155	27.170	2/2/2021	\$ 40,000	Yes	\$ 34,647 \$	\$ 34,647	Nashua	No	ų 25.55 ų	-
ser Hardware acement Computer for IT Employee	Replacement Desktop Hardware for Jason, and Laptop fo Steve Replacement Computer for IT Employee	Bond 2302945	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 6,000	Yes	\$ - \$ \$ 5,595 \$	\$ - \$ 5,595	Various	No No	\$ 23.78 \$ \$ 23.78 \$	-
soft Replacement Project	Due to the retirement of ClickSoft by the vendor, a replacement must be purchased and implemented.	2302945	DW20-157 DW20-157	26,459	3/2/2021	\$ 343,000	Yes Yes	\$ 5,595 \$ \$ 251,558 \$		Various Various	No No	\$ 23.78 \$ \$ 23.78 \$	
eplacements	Replacement of iPad hardware as it becomes obsolete for field use.	2301990	DW20-157	26,459	3/2/2021	\$ 55,000	Yes	\$ 24,552 \$		Various	No	\$ 23.78 \$	-
rms Replacement/Clarios	Replace Existing DoForms with Clarios Data collection for WTP field staff	Bond	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	\$ - 5	\$ -	Various	No	\$ 23.78 \$	- Deferred until 2024
Illaneous Software	Miscellaneous Software	Bond	DW20-157	26,459	3/2/2021	\$ 14,000	Yes	\$ - 5	ş -	Nashua	No	\$ 23.55 \$	-
Ilaneous Hardware	Miscellaneous Hardware Purchase desktop for SCADA Tech	Bond	DW20-157	26,459	3/2/2021	\$ 22,000	Yes	\$ - 5	\$ -	Nashua	No	\$ 23.55 \$	-
ase desktop for SCADA Tech .aptops for Multiple Users	Purchase desktop for SCADA Tech  New Laptops for Multiple Users	2300749 2301997	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021		Yes	\$ 1,886 \$ \$ 4,968 \$		Various Various	No No	\$ 23.78 \$ \$ 23.78 \$	-
al Communications Monitors	Internal Communications Monitors	2302211	DW20-157 DW20-157	26,459	3/2/2021		Yes	\$ 4,968 S	,		No No		-
Computer for IT Employee	New Computer for IT Employee	2304302	DW20-157	26,459	3/2/2021		Yes	\$ 2,354 \$			No	\$ 23.55 \$	-
acement Laptop for Lori D	Replacement Laptop for Lori D	2305005	DW20-157	26,459	3/2/2021		Yes	\$ 2,745 \$	\$ 2,745	Nashua	No	\$ 23.55 \$	
Total LMS Implementation	SumTotal LMS Implementation	2301863	DW20-157	26,459	3/2/2021		Yes	\$ 18,012 \$	\$ 18,012	Nashua	No	\$ 23.55 \$	-
OA Network Update - Carryover	SCADA Network Update - Carryover	2302535	DW20-157	26,459	3/2/2021		Yes	\$ 2,630 \$		Nashua	Yes	\$ 23.55 \$	62
Laptop Replacements	User Laptop Replacements  Network Storage for Video Production	2303450 2303616	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021		Yes Yes	\$ 10,560 \$	\$ 10,560 \$ 1,780	Various Nashua	No No	\$ 23.78 \$ \$ 23.55 \$	-
ork Storage for Video Production	Stand Up Desk for New Employee	2303616	DW20-157 DW20-157	26,459	3/2/2021		Yes	\$ 1,780 \$ \$ 1,147 \$			No No	\$ 23.55 \$ \$ 23.55 \$	
			L W 40-137	20,432	3/2/2021		1 (2)		y 1,14/	1 NASIIUA	140	~ ~ ~ ~ ~ ~ ~	T. Control of the con
ork Storage for Video Production d Up Desk for New Employee Illing Internet Access at River	Installing Internet Access at River	2304998	DW20-157	26.459	3/2/2021		Yes	\$ 5,989 \$	\$ 5,989	Merrimack	Yes	\$ 22.87 \$	137
d Up Desk for New Employee Illing Internet Access at River tional Microphone for Boardroom	Installing Internet Access at River Additional Microphone for Boardroom		DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021		Yes Yes				Yes No	\$ 22.87 \$ \$ 23.55 \$	137
I Up Desk for New Employee ling Internet Access at River	Installing Internet Access at River	2304998				\$ 303,000	Yes	\$ 5,989 \$	\$ 3,184	Nashua		\$ 23.55 \$	137

Total for 0.1 DSRR 2023 Projects - \$ 877,000 \$ 149,893 \$ 149,893 \$ 0.1 DSRR funds limited to paying for design and studies. Remaining 0.1 DSRR funds will be needed to refill PWW RSF.

Total Projected Bond funded PWW QCPAC Capex for 2023 - \$ 11,859,775 \$ 9,335,506 \$ 9,264,289

Total Projected NHDES SRF/DWGTF funded PWW QCPAC Capex for 2023 - \$ 642,000 \$ 642,000 \$ 642,000

Pennichuck Water Works, Inc. DW 23-015 2023 Projected QCPAC Expenditures 2/10/2023 Revised per DOE DR Sets 1 and 2 5/18/2023 and 6/16/2023 10/31/2023 Update PWW 2023 QCPAC Filing Exhibit DLW-1 Page 3

Project Name/Description	Project Description	Work Order#	Financing Docket No.	NHPUC Order No. Date of NHPUC Order	C Approved Budgeted Amoun	QCPAC t Eligible?	Estimated Project Cost as of 9/30/2023	Estimated Project Cost as of 10/31/2023	Community	Taxable	Tax Rate (1)	QCPAC Eligible Property Tax Expense	Explanation for Change/Addition/Deletion since Petition Filing
•	Estimated Bond Terms (Bonds to be sold in April 2024) -	30	Years @	5.50% resulting in P&I o	of \$ 637,433	i				-			
	NHDES SRF terms -	20	Years (a)	1.256% resulting in P&I o	of \$ 36,500								

Utility tax rate of \$6.60/\$1000

		Financing Docket	NHPUC Order	Date of NHPUC	Approved					QCPAC Eligible Property Tax
Project Name/Description	Project Description	No.	No.	Order	Budgeted Amount	QCPAC Eligible?	Community	Taxable	Tax Rate (1)	Expense
2024 New Services (10)	Single Family, Owner Build, New Homes	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Various	Yes	\$ 23.78	\$ 1,189
2024 Renewed Services (20)	Replacement of Failed Services	DW20-157	26,459	3/2/2021	\$ 110,000	Yes	Various	Yes	\$ 23.78	\$ 2,616
2024 Hydrants (10)	Replacement of non-functional hydrants	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Various	Yes	\$ 23.78	\$ 1,427
2024 Gates (20)	Replacement of Failed Gate Valves	DW20-157	26,459	3/2/2021	\$ 80,000	Yes	Various	Yes	\$ 23.78	\$ 1,902
2024 Radios (200)	New Radios for new customers (200)	DW20-157	26,459	3/2/2021	\$ 24,000	Yes	Various	Yes	\$ 23.78	\$ 571
2024 Radios - PFOA (25)	New Radios for PFOA Customers (25)	DW20-157	26,459	3/2/2021	\$ 3,000	Yes	Various	Yes	\$ 23.78	\$ 71
2024 Radios (4000)	Year 4 of 10 Replacment of all PWW Radios installed in 2007 (2800) by contractor	DW20-157	26,459	3/2/2021	\$ 364,000	Yes	Various	Yes	\$ 23.78	\$ 8,656
2024 Meters (Growth) 5/8"-2" - Core & CWS (TBD)	New meters for new customers (200). Replacement of failed meters(200)	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Various	Yes	\$ 23.78	\$ 1,189
2024 Meters - PFOA (25)	New meters for PFOA customers (25)	DW20-157	26,459	3/2/2021	\$ 3,125	Yes	Various	Yes	\$ 23.78	\$ 74
Replacement Utility Truck	New Utility Truck to replace existing high mileage/maintenance vehicles	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	Merrimack	No	\$ 22.87	\$ -
Replacement Utility Truck	New Utility Truck to replace existing high mileage/maintenance vehicles	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	Merrimack	No	\$ 22.87	\$ -
Replacment 1/2 Ton Pickup	New Full Sized Pickup to Replace existing high mileage/maintenance pickup	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Merrimack	No	\$ 22.87	\$ -
Replacement Utility Van	New Utility Van to replace existing high mileage/maintenance vehicles	DW20-156	26,459	3/2/2021	\$ 50,000	Yes	Merrimack	No	\$ 22.87	\$ -
Protectus Meter Upgrade	Protectus Meter Upgrade	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Various	Yes	\$ 23.78	\$ -
Miscellaneous Construction Equipment	Miscellaneous Construction Equipment	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Various	No	\$ 23.78	\$ -
Replacement Hydrant Crane Truck	New Hydrant/Crane Truck to replace #19 - 2011 Ford F-450 High Mileage & Hours, Extensive Vehicle & Crane Maint	DW20-157	26,459	3/2/2021	\$ 225,000	Yes	Merrimack	No	\$ 22.87	\$ -
Replacement Dump Truck	New Dump Truck to replace #10, 2008 Peterbilt 335, 100K+ miles, 9000hrs, body rot & high Maint & repair costs	DW20-157	26,459	3/2/2021	\$ 225,000	Yes	Merrimack	No	\$ 22.87	\$ -
New Vacuum Excavator Truck	New Vacuum Excavator Truck for LCR pothole excavation & safe excavation around other utilities, minimize excavation costs, pavement repairs and reliance on outside contractors. Very safe excavation in tight places w/multiple utilities.	DW20-157	26,459	3/2/2021	\$ 600,000	Yes	Merrimack	No	\$ 22.87	\$ -
Swan Street	Replacing 160 LF of 1953 2" main with 4" PVC - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 21,300	Yes	Nashua	Yes	\$ 23.55	\$ 502
Chapman St.	Replacing 160 LF of 1948 1.25" main with 4" PVC - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 21,300	Yes	Nashua	Yes	\$ 23.55	\$ 502
Cote Ave	Replacing 470 LF of 1938 8" CI main with 8" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 59,000	Yes	Nashua	Yes	\$ 23.55	\$ 1,389
Savoy St.	Replacing 140 LF of 1947 1.25" main with 6" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 19,600	Yes	Nashua	Yes	\$ 23.55	
Walnut St.	Replacing 1450 LF of 1888-1951 6" CI main with 12" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 177,000	Yes	Nashua	Yes	\$ 23.55	\$ 4,168
Salem St.	Replacing 1450 LF of 1888-1927 4" & 6" CI main with 6" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 106,500	Yes	Nashua	Yes	\$ 23.55	
Dawn St.	Replacing 450 LF of 1954 1.5" & 2" main with 4" PVC - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 57,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,354
Amory St.	Replacing 570 LF of 1887 8" CI main with 12" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 71,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,684
Union St.	Replacing 520 LF of 1909-1978 1.25"-4" main with 12" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 65,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,543
Berkeley St.	Replacing 3080 LF of 1888-1912 6" CI main with 8" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 375,250	Yes	Nashua	Yes	\$ 23.55	\$ 8,837
Temple St.	Replacing 975 LF of 1888 8" CI main with 12" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 120,500	Yes	Nashua	Yes	\$ 23.55	\$ 2,838
Raymond St.	Replacing 2300 LF of 1887 8" CI main with 8" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 281,000	Yes	Nashua	Yes	\$ 23.55	\$ 6,618
Hanover St.	Replacing 840 LF of 1888 4" CI main with 8" DI - Final Pavement and Restoration	DW20-157	26,459	3/2/2021	\$ 116,000	Yes	Nashua	Yes	\$ 23.55	\$ 2,732
Blossom St.	Replacing 2395 LF of 1893-1916 4" & 6" CI main with 8" DI - Final Pavement and Restoration	DW20-156	26,459	3/2/2021	\$ 292,000	Yes	Nashua	Yes	\$ 23.55	\$ 6,877
Ferson St.	Replacing 430 LF of 1931-1938 8" CI main with 12" DI	DW20-157	26,459	3/2/2021	\$ 144,000	Yes	Nashua	Yes	\$ 23.55	
W. Otterson St.	Replacing 260 LF of 1936 8" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 73,500	Yes	Nashua	Yes	\$ 23.55	
Thomas St.	Replacing 420 LF of 1908-1926 6" CI main with 6" DI	DW20-157	26,459	3/2/2021	\$ 107,000	Yes	Nashua	Yes	\$ 23.55	
Sawyer St.	Replacing 1620 LF of 1896-1907 6" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 410,500	Yes	Nashua	Yes	\$ 23.55	
Balcom St.	Replacing 1225 LF of 1911-1923 8" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 325,250	Yes	Nashua	Yes	\$ 23.55	. ,
Crown St.	Replacing 225 LF of 1901 6" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 65,000	Yes	Nashua	Yes	\$ 23.55	
Palm St.	Replacing 420 LF of 1890 4" CI main with 6" DI	DW20-157	26,459	3/2/2021	\$ 109,000	Yes	Nashua	Yes	\$ 23.55	\$ 2,567
McKean St.	Replacing 1690 LF of 1888 6" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 446,000	Yes	Nashua	Yes	\$ 23.55	
Coburn Woods	Replacing remaining 2" PE mains that were not completed in 2021	DW20-157	26,459	3/2/2021	\$ 1,500,000	Yes	Nashua	Yes	\$ 23.55	
Parrish Hills HP Water Main	Create new HP area with 1600 LF of Water Main and Check Valves	DW20-157	26,459	3/2/2021	\$ 800,000	Yes	Nashua	Yes	\$ 23.55	
Parrish Hills HP Booster Station	New Domestic flow and pressure booster station	DW20-157	26,459	3/2/2021	\$ 550,000	Yes	Nashua	Yes	\$ 23.55	
Misc. Nashua, NH Emergency Sewer	Projects associated with the City of Nashua Sewer Replacement program	DW20-157 DW20-157	26,459	3/2/2021	\$ 396,000	Yes	Nashua	Yes	\$ 23.55	
Water Treatment Facility	Chemical Feed and Storage Facility Construction		Financing Approval I		\$ 8,500,000	Yes	Nashua		\$ 23.55	
<u> </u>	Replacing 170 LF of 1968 1" main with 2" HDPE - Design only	New	0.1 DSRR Funds		\$ 8,500,000			Yes		
Reed Ct.						Yes	Nashua	No	\$ 23.55	
Atwood Ct.	Replacing 130 LF of 1950 2" main with 2" HDPE - Design only		0.1 DSRR Funds		\$ 1,290	Yes	Nashua	No	\$ 23.55	
Lucier St.	Replacing 340 LF of 1928-1947 1.5" & 4" main with 8" DI - Design only		0.1 DSRR Funds		\$ 4,125	Yes	Nashua	No	\$ 23.55	
Atherton Ave	Replacing 200 LF of 1959 2" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 2,280	Yes	Nashua	No	\$ 23.55	
Riverview St.	Replacing 190 LF of 1951 2" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 2,175	Yes	Nashua	No	\$ 23.55	
Foster Ct.	Replacing 165 LF of 1963 1" main with 2" HDPE - Design only		0.1 DSRR Funds		\$ 1,740	Yes	Nashua	No	\$ 23.55	\$ -
Highland Pl	Replacing 230 LF of 1924 2" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 2,640	Yes	Nashua	No	\$ 23.55	\$ -
Palm St.	Replacing 420 LF of 1890 4" CI main with 6" DI - Design only		0.1 DSRR Funds		\$ 4,950	Yes	Nashua	No	\$ 23.55	
Long Ave	Installing 115 LF of new 8" DI to complete loop - Design only		0.1 DSRR Funds		\$ 1,365	Yes	Nashua	No	\$ 23.55	
Long Ave	Replacing 65 LF of 1939 1.25" main with 2" HDPE - Design only		0.1 DSRR Funds		\$ 765	Yes	Nashua	No	\$ 23.55	
Short Ave	Replacing 210 LF of 1926 6" CI main with 8" DI - Design only		0.1 DSRR Funds		\$ 2,745	Yes	Nashua	No	\$ 23.55	\$ -
2nd St.	Replacing 235 LF of 1961 and 2005 2" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 2,745	Yes	Nashua	No	\$ 23.55	\$ -
Yvonne St.	Replacing 200 LF of 1929 1.25" main with 2" HDPE - Design only		0.1 DSRR Funds		\$ 2,010	Yes	Nashua	No	\$ 23.55	\$ -

Pennichuck Water Works, Inc. DW 23-015 2024 Projected QCPAC Expenditures 2/13/2023 Revised per DOE DR Set 1 5/18/2023

Project Name/Description	Project Description	Financing Docket No.	: NHPUC Order No.	Date of NHPUC Order	Approved Budgeted Amount	QCPAC Eligible?	Community	Taxable	Tax Rate (1	QCPAC Eligible Property Tax Expense
Daniels St.	Replacing 205 LF of 1955 1.5" main with 2" HDPE - Design only		0.1 DSRR Funds	•	\$ 2,055	Yes	Nashua	No	\$ 23.	55 \$ -
George St.	Replacing 195 LF of 1948 2" main with 2" HDPE - Design only		0.1 DSRR Funds		\$ 1,965	Yes	Nashua	No	\$ 23.	55 \$ -
Tetreau St.	Replacing 450 LF of 1957 1.25" main with 2" HDPE - Design only		0.1 DSRR Funds		\$ 4,050	Yes	Nashua	No	\$ 23.	55 \$ -
Notre Dame St.	Replacing 385 LF of 1926 & 1950 1.5" & 2" main with 2" HDPE - Design only		0.1 DSRR Funds		\$ 3,525	Yes	Nashua	No	\$ 23.	55 \$ -
Haines St.	Abandoning 75 LF of 1934 1.5" main - Design only		0.1 DSRR Funds		\$ 450	Yes	Nashua	No	\$ 23.	55 \$ -
Santerre St.	Replacing 530 LF of 1961 &1962 2" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 5,670	Yes	Nashua	No	\$ 23.	55 \$ -
Lakeside Ave	Replacing 266 LF of 1949 1.25" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 2,985	Yes	Nashua	No	\$ 23.	55 \$ -
St. Lazare St.	Replacing 405 LF of 1955-1959 1.5" and 2" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 4,305	Yes	Nashua	No	\$ 23.	55 \$ -
Spaulding Ave	Replacing 435 LF of 1924-1940 1.25", 2", and 6" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 4,590	Yes	Nashua	No	\$ 23.	55 \$ -
Arlington Ave	Replacing 265 LF of 1920 & 1926 2" and 4" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 2,910	Yes	Nashua	No	\$ 23.	55 \$ -
Auburn St.	Replacing 1190 LF of 1882-1887 4" and 8" CI main with 8" DI - Design only		0.1 DSRR Funds		\$ 19,590	Yes	Nashua	No	\$ 23.	55 \$ -
Eaton St.	Replacing 490 LF of 1912 6" CI main with 12" DI - Design only		0.1 DSRR Funds		\$ 6,840	Yes	Nashua	No	\$ 23.	55 \$ -
N. 2nd St.	Replacing 140 LF of 1919 6" CI main with 4" PVC - Design only		0.1 DSRR Funds		\$ 1,710	Yes	Nashua	No	\$ 23.	55 \$ -
Alstead Ave	Replacing 320 LF of 1920 4" CI main with 4" PVC - Design only		0.1 DSRR Funds		\$ 3,570	Yes	Nashua	No	\$ 23.	55 \$ -
Bordeaux St.	Replacing 275 LF of 1960 2" main with 4" PVC - Design only		0.1 DSRR Funds		\$ 3,075	Yes	Nashua	No	\$ 23.	55 \$ -
King St.	Replacing 865 LF of 1923 & 1957 6" CI main with 6" DI - Design only		0.1 DSRR Funds		\$ 9,885	Yes	Nashua	No	\$ 23.	55 \$ -
PWW RRA- ERP	Implement Recommendations Evaluated in 2021	DW20-157	26,459	3/2/2021	\$ 200,000	Yes	Various	Yes	\$ 23.	78 \$ 4,756
Investment in Developer Services	1x Annual Revenue	DW20-157	26,459	3/2/2021	\$ 100,000	Yes	Various	Yes	\$ 23.	78 \$ 2,378
Replace Engineering Pickup	Replace #105 2013 Chevy with >160k miles		0.1 DSRR Funds		\$ 45,000	Yes	Nashua	No	\$ 23.	55 \$ -
Replace Engineering Pickup	Replace #31 2012 Chevy with >110k miles		0.1 DSRR Funds		\$ 45,000	Yes	Nashua	No	\$ 23.	55 \$ -
Merrimack River Watershed Council	Grant Match with other Stakeholders \$40k year 3 of 5.		0.1 DSRR Funds		\$ 40,000	Yes	Various	No	\$ 23.	78 \$ -
Trimble GPS and Water (flow, level, quality) Monitoring Equipment	Level Monitors, Pressure Monitors and Flow Monitors		0.1 DSRR Funds		\$ 45,000	Yes	Nashua	No	\$ 23.	55 \$ -
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Various	Yes	\$ 23.	78 \$ 951
Well Pump replacements	Well Pump replacements	DW20-157	26,459	3/2/2021	\$ 25,000	Yes	Various	Yes	\$ 23.	78 \$ 595
Chemical Feed pump replacements	Chemical Feed pump replacements	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	Various	Yes	\$ 23.	78 \$ 238
Replace Rotork Pakscan valve control system	Replace Rotork Pakscan valve control system	DW20-157	26,459	3/2/2021	\$ 400,000	Yes	Nashua	Yes	\$ 23.	55 \$ 9,420
Install/replace treatment systems in small CWS	Install/replace treatment systems in small CWS	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	Various	Yes	\$ 23.	78 \$ 476
Misc. Structural Improvements	Misc. Structural Improvements	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Various	Yes	\$ 23.	78 \$ 713
Miscellaneous Equipment Purchased	Miscellaneous Equipment Purchased	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Various	Yes	\$ 23.	78 \$ 713
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Various	Yes	\$ 23.	78 \$ 1,427
Well Rehabilitation	Well Rehabilitation	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Various	Yes	\$ 23.	78 \$ 1,189
WTP Structural/HVAC	WTP Structural/HVAC	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	Nasshua	Yes	\$ 23.	55 \$ 471
Purchase new lab equipment	Purchase new lab equipment	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	Nasshua	No	\$ 23.	55 \$ -
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	Various	Yes	\$ 23.	78 \$ 238
Replace Water Supply Vehicle	Replace Water Supply Vehicle		0.1 DSRR Funds	•	\$ 65,000	Yes	Nashua	No	\$ 23.	55 \$ -
Replace Water Supply Vehicle	Replace Water Supply Vehicle		0.1 DSRR Funds		\$ 40,000	Yes	Nashua	No	\$ 23.	55 \$ -
Bowers Dam Spillway reconstruction/increase capacity	Bowers Dam Spillway reconstruction/increase capacity	DW20-157	26,459	3/2/2021	\$ 2,300,000	Yes	Merrimack	Yes	\$ 22.	87 \$ 52,601
This replacement will flatten out our replacements over the next few years .	Runrate Business needs	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Nashua	No	\$ 23.	55 \$ -
Miscellaneous Software	Miscellaneous Software	DW20-157	26,459	3/2/2021	\$ 14,000	Yes	Nashua	No	\$ 23.	55 \$ -
Miscellaneous Hardware	Miscellaneous Hardware	DW20-157	26,459	3/2/2021	\$ 22,000	Yes	Nashua	No	\$ 23.	55 \$ -
Typical IT Annual budget roughly runs about \$400K	typical IT Annual budget roughly runs about \$400K	DW20-157	26,459	3/2/2021	\$ 324,000	Yes	Nashua	No	\$ 23.	55 \$ -
Projected short term interest on FALOC	Interest incurred to finance 2024 Capex until permanent financing is achieved	DW20-157	26,459	3/2/2021	\$ 157,600	Yes	N/A	No	N/A	\$ -
		Pennichuck Water Works Projected	2020 Total Capital I	Expenditure Budget -	\$ 21,604,535		Projected Pr	operty Tax Exper	se associated w	vith \$ 452,061

 Total Frojected Bond funded PWW QCPAC Capex for 2024 \$ 387,610

 12,016,925

Special Project Bond for Chemical Feed Building - \$ 8,500,000
FEMA Grant - \$ 700,000

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

<sup>1.</sup> Tax rate is the sum of the local community rate plus the Statewide Utility tax rate of 6.60/1000

Pennichuck Water Works, Inc. DW 23-015 2025 Projected QCPAC Expenditures 2/13/2023 Revised per DOE DR Set 1 5/18/2023

			NHPUC Order	Date of NHPUC	Approved					QCPAC Eligible Property Tax
Project Name/Description	Project Description	No.	No.	Order	Budgeted Amount	QCPAC Eligible?	Community	Taxable	Tax Rate (1)	Expense
2025 New Services (10)	Single Family, Owner Build, New Homes	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Various	Yes	\$ 23.78	
2025 Renewed Services (20)	Replacement of Failed Services	DW20-157	26,459	3/2/2021	\$ 110,000	Yes	Various	Yes	\$ 23.78	
2025 Hydrants (10) 2025 Gates (20)	Replacement of non-functional hydrants Replacement of Failed Gate Valves	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 60,000 \$ 80,000	Yes Yes	Various Various	Yes Yes	\$ 23.78 \$ 23.78	
2024 Radios (200)	New Radios for new customers (200)	DW20-157	26,459	3/2/2021	\$ 24,000	Yes	Various	Yes	\$ 23.78	
2024 Radios - PFOA (25)	New Radios for PFOA Customers (25)	DW20-157	26,459	3/2/2021	\$ 3,000	Yes	Various	Yes	\$ 23.78	
2025 Radios (2800)	Year 5 of 10 Replacment of all PWW Radios installed in 2007 (2800) by contractor	DW20-157	26,459	3/2/2021	\$ 364,000	Yes	Various	Yes	\$ 23.78	
2024 Meters (Growth) 5/8"-2" - Core & CWS (TBD)	New meters for new customers (200). Replacement of failed meters(200)	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Various	Yes	\$ 23.78	\$ 1,189
2024 Meters - PFOA (25)	New meters for PFOA customers (25)	DW20-157	26,459	3/2/2021	\$ 3,125	Yes	Various	Yes	\$ 23.78	
Replacement Utility Truck	New Utility Truck to replace existing high mileage/maintenance vehicles #84	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	Merrimack	No	\$ 22.87	
Replacement Utility Truck	New Utility Truck to replace existing high mileage/maintenance vehicles #9	DW20-157	26,459	3/2/2021	\$ 85,000	Yes	Merrimack	No	\$ 22.87	
Replacment 1/2 Ton Pickup Replacment 1/2 Ton Pickup	New Full Sized Pickup to Replace Veh #22 that has been retired due to not passing inspection.  New Full Sized Pickeup to replace Disconnect Vehicle that will become Hydrant Painting Van.	DW20-157 DW20-156	26,459 26,459	3/2/2021 3/2/2021	\$ 50,000 \$ 50,000	Yes Yes	Merrimack Merrimack	No No	\$ 22.87 \$ 22.87	
Protectus Meter Upgrade	Protectus Meter Upgrade	DW20-156 DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Various	Yes	\$ 22.87	
Miscellaneous Construction Equipment	Miscellaneous Construction Equipment	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Merrimack	No	\$ 22.87	
Ferson St.	Replacing 430 LF of 1931-1938 8" CI main with 12" DI - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 54,500	Yes	Nashua	Yes	\$ 23.55	
W. Otterson St.	Replacing 260 LF of 1936 8" CI main with 8" DI - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 33,600	Yes	Nashua	Yes	\$ 23.55	
Thomas St.	Replacing 420 LF of 1908-1926 6" CI main with 6" DI - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 53,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,260
Sawyer St.	Replacing 1620 LF of 1896-1907 6" CI main with 8" DI - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 198,500	Yes	Nashua	Yes	\$ 23.55	.,
Balcom St.	Replacing 1225 LF of 1911-1923 8" CI main with 8" DI - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 150,500	Yes	Nashua	Yes	\$ 23.55	
Palm St.	Replacing 420 LF of 1890 4" CI main with 6" DI - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 53,250	Yes	Nashua	Yes	\$ 23.55	" /
McKean St.	Replacing 1690 LF of 1888 6" CI main with 8" DI - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 207,000	Yes	Nashua	Yes	\$ 23.55	
Coburn Woods	Replacing remaining 2" PE mains that were not completed in 2021 - Pavement & Surface Restoration	DW20-157	26,459	3/2/2021	\$ 350,000	Yes	Nashua	Yes	\$ 23.55	
Reed Ct. Atwood Ct.	Replacing 170 LF of 1968 1" main with 2" HDPE Replacing 130 LF of 1950 2" main with 2" HDPE	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 30,500 \$ 25,000	Yes Yes	Nashua Nashua	Yes Yes	\$ 23.55 \$ 23.55	
Lucier St.	Replacing 340 LF of 1930 2 main with 2 HDFE  Replacing 340 LF of 1928-1947 1.5" & 4" main with 8" DI	DW20-157 DW20-158	26,460	3/3/2021	\$ 25,000	Yes	Nashua	Yes	\$ 23.55	
Atherton Ave	Replacing 200 LF of 1959 2" main with 4" PVC	DW20-159	26,461	3/4/2021	\$ 49,000	No	Nashua	No	\$ 23.55	
Riverview St.	Replacing 190 LF of 1951 2" main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 47,000	Yes	Nashua	Yes	\$ 23.55	
Foster Ct.	Replacing 165 LF of 1963 1" main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 35,500	Yes	Nashua	Yes	\$ 23.55	
Highland PI	Replacing 230 LF of 1924 2" main with 4" PVC	DW20-156	26,459	3/2/2021	\$ 57,500	Yes	Nashua	No	\$ 23.55	\$ -
Palm St.	Replacing 420 LF of 1890 4" CI main with 6" DI	DW20-157	26,459	3/2/2021	\$ 112,000	Yes	Nashua	Yes	\$ 23.55	\$ 2,638
Long Ave	Installing 115 LF of new 8" DI to complete loop	DW20-157	26,459	3/2/2021	\$ 29,000	Yes	Nashua	Yes	\$ 23.55	
Long Ave	Replacing 65 LF of 1939 1.25" main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 15,500	Yes	Nashua	Yes	\$ 23.55	
Short Ave	Replacing 210 LF of 1926 6" CI main with 8" DI	DW20-157	26,459	3/2/2021	\$ 63,500	Yes	Nashua	Yes	\$ 23.55	" /
2nd St. Yvonne St.	Replacing 235 LF of 1961 and 2005 2" main with 4" PVC Replacing 200 LF of 1929 1.25" main with 2" HDPE	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 60,500 \$ 40,500	Yes Yes	Nashua Nashua	Yes Yes	\$ 23.55 \$ 23.55	
Daniels St.	Replacing 200 LF of 1929 1.25 main with 2 HDPE  Replacing 205 LF of 1955 1.5" main with 2" HDPE	DW20-157 DW20-157	26,459	3/2/2021	\$ 40,500	Yes	Nashua	Yes	\$ 23.55	
George St.	Replacing 195 LF of 1948 2" main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 39,500	Yes	Nashua	Yes	\$ 23.55	
Tetreau St.	Replacing 450 LF of 1957 1.25" main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 78,000	Yes	Nashua	Yes	\$ 23.55	
Notre Dame St.	Replacing 385 LF of 1926 & 1950 1.5" & 2" main with 2" HDPE	DW20-157	26,459	3/2/2021	\$ 68,500	Yes	Nashua	Yes	\$ 23.55	
Haines St.	Abandoning 75 LF of 1934 1.5" main	DW20-157	26,459	3/2/2021	\$ 5,000	Yes	Nashua	Yes	\$ 23.55	\$ 118
Santerre St.	Replacing 530 LF of 1961 &1962 2" main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 122,000	Yes	Nashua	Yes	\$ 23.55	
Lakeside Ave	Replacing 266 LF of 1949 1.25" main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 64,500	Yes	Nashua	Yes	\$ 23.55	
St. Lazare St.	Replacing 405 LF of 1955-1959 1.5" and 2" main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 92,000	Yes	Nashua	Yes	\$ 23.55	
Spaulding Ave	Replacing 435 LF of 1924-1940 1.25", 2", and 6" main with 4" PVC Replacing 265 LF of 1920 & 1926 2" and 4" main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 98,000	Yes	Nashua	Yes	\$ 23.55	
Arlington Ave Auburn St.	Replacing 1190 LF of 1882-1887 4" and 8" CI main with 8" DI	DW20-157 DW20-157	26,459 26,459	3/2/2021 3/2/2021	\$ 62,000 \$ 446,000	Yes Yes	Nashua Nashua	Yes Yes	\$ 23.55 \$ 23.55	
Eaton St.	Replacing 490 LF of 1902-1907 4 and 6 Crimain with 6 Di	DW20-157	26,459	3/2/2021	\$ 166,000	Yes	Nashua	Yes	\$ 23.55	
N. 2nd St.	Replacing 140 LF of 1919 6" CI main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 37,500	Yes	Nashua	Yes	\$ 23.55	
Alstead Ave	Replacing 320 LF of 1920 4" CI main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 77,500	Yes	Nashua	Yes	\$ 23.55	
Bordeaux St.	Replacing 275 LF of 1960 2" main with 4" PVC	DW20-157	26,459	3/2/2021	\$ 66,500	Yes	Nashua	Yes	\$ 23.55	\$ 1,566
King St.	Replacing 865 LF of 1923 & 1957 6" CI main with 6" DI	DW20-157	26,459	3/2/2021	\$ 222,500	Yes	Nashua	Yes	\$ 23.55	\$ 5,240
Water Treatment Facility	Chemical Feed and Storage Facility Construction	New	Financing Approval I	Required	\$ 3,900,000	Yes	Nashua	Yes	\$ 23.55	
2026 Watermin Replacement (Design Only)	Various Streets, Diameters, and Materials		0.1 DSRR Funds		\$ 180,000	Yes	Nashua	No	\$ 23.55	
City Sewer Related Projects	Water Main Replacements Associated with Sewer Reconstruction	DW20-157	26,459	3/2/2021	\$ 400,000	Yes	Nashua	Yes	\$ 23.55	
Trimble GPS and Water (flow, level, quality) Monitoring Equipment	Level Monitors, Pressure Monitors and Flow Monitors		0.1 DSRR Funds		\$ 45,000	Yes	Nashua	No	\$ 23.55	
Investment in Developer Services	1x Annual Revenue		0.1 DSRR Funds 0.1 DSRR Funds		\$ 100,000	Yes	Various	Yes	\$ 23.78	
Replace Engineering SUV Replace Engineering Pickup	Replace Highest Mileage SUV Replace Highest Mileage/Poorer Condition Pickup		0.1 DSRR Funds 0.1 DSRR Funds		\$ 35,000 \$ 35,000	Yes Yes	Nashua Nashua	No No	\$ 23.55 \$ 23.55	
Merrimack River Watershed Council	Grant Match with other Stakeholders \$40k for five years.		0.1 DSRR Funds		\$ 40,000	Yes	Various	No	\$ 23.78	
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Various	Yes	\$ 23.78	
Books / ump replacement/repails	Booker, ampropiation from	15 W 20-13 /	20,739	3/4/4041	1 4 40,000	1 03	v arrous	1 05	4 43.70	9.31

Pennichuck Water Works, Inc. DW 23-015 2025 Projected QCPAC Expenditures 2/13/2023 Revised per DOE DR Set 1 5/18/2023

Project Name/Description	Project Description	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Approved Budgeted Amount	QCPAC Eligible?	Community	Taxable	Tax Rate (1)	QCPAC Eligible Property Tax Expense
Well Pump replacements	Well Pump replacements	DW20-157	26,459	3/2/2021	\$ 15,000	Yes	Various	Yes	\$ 23.78	\$ 357
Chemical Feed pump replacements	Chemical Feed pump replacements	DW20-157	26,459	3/2/2021	\$ 15,000	Yes	Various	Yes	\$ 23.78	\$ 357
Rebuild High lift pump, WTP	Rebuild High lift pump, WTP	DW20-157	26,459	3/2/2021	\$ 100,000	Yes	Nashua	Yes	\$ 23.55	\$ 2,355
Install/replace treatment systems in small CWS	Install/replace treatment systems in small CWS	DW20-157	26,459	3/2/2021	\$ 15,000	Yes	Various	Yes	\$ 23.78	\$ 357
Misc. Structural Improvements	Misc. Structural Improvements	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	Various	Yes	\$ 23.78	\$ 476
Miscellaneous Equipment Purchased	Miscellaneous Equipment Purchased	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Various	Yes	\$ 23.78	\$ 713
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	DW20-157	26,459	3/2/2021	\$ 60,000	Yes	Various	Yes	\$ 23.78	\$ 1,427
Well Rehabilitation	Well Rehabilitation	DW20-157	26,459	3/2/2021	\$ 50,000	Yes	Various	Yes	\$ 23.78	\$ 1,189
WTP Structural/HVAC	WTP Structural/HVAC	DW20-157	26,459	3/2/2021	\$ 30,000	Yes	Various	Yes	\$ 23.78	\$ 713
Purchase new lab equipment	Purchase new lab equipment	DW20-157	26,459	3/2/2021	\$ 20,000	Yes	Various	No	\$ 23.78	\$ -
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	DW20-157	26,459	3/2/2021	\$ 10,000	Yes	Various	Yes	\$ 23.78	\$ 238
Replace Water Supply Vehicle	Replace Water Supply Vehicle		0.1 DSRR Funds		\$ 65,000	Yes	Nashua	No	\$ 23.55	\$ -
Replace Water Supply Vehicle	Replace Water Supply Vehicle		0.1 DSRR Funds		\$ 40,000	Yes	Nashua	No	\$ 23.55	\$ -
WTP Carbon Filter Replacement	Replaced Carbon in WTP Filters 1a thourgh 4b	DW20-157	26,459	3/2/2021	\$ 1,500,000	Yes	Nashua	No	\$ 23.55	\$ -
Replacement server for Stellar	This replacement will flatten out our replacements over the next few years.	DW20-157	26,459	3/2/2021	\$ 40,000	Yes	Nashua	No	\$ 23.55	\$ -
Miscellaneous Software	Miscellaneous Software	DW20-157	26,459	3/2/2021	\$ 14,000	Yes	Nashua	No	\$ 23.55	\$ -
Miscellaneous Hardware	Miscellaneous Hardware	DW20-157	26,459	3/2/2021	\$ 22,000	Yes	Nashua	No	\$ 23.55	\$ -
Monitary placeholder	Typical IT Annual budget roughly runs about \$400K	DW20-157	26,459	3/2/2021	\$ 324,000	Yes	Nashua	No	\$ 23.55	\$ -
Projected short term interest on FALOC	Interest incurred to finance 2025 Capex until permanent financing is achieved	DW20-157	26,459	3/2/2021	\$ 124,000	Yes	N/A	No	N/A	\$ -
	Po	Pennichuck Water Works Projected 2025 Total Capital Expenditure Budget -				Projected Property Tax Expense associated with \$ 209,130				

Total for 0.1 DSRR 2024 Projects - \$ 540,000 Total Projected Bond funded PWW QCPAC Capex for 2025 - \$ 7,359,975

Special Project Bond for Chemical Feed Building - \$ 3,900,000

Estimated Bond Terms (Bonds to be sold in April 2026) - 30 Years @ 5.50% resulting in P&I of Estimated Bond Terms (Special Project bonds to be sold in April 2026) - 30 Years @ 5.50% resulting in P&I of Estimated Bond Terms (Special Project bonds to be sold in April 2026) - 30 Years @ 5.50% resulting in P&I of Estimated Bond Terms (Special Project bonds to be sold in April 2026) - 30 Years @ 5.50% resulting in P&I of Estimated Bond Terms (Special Project bonds to be sold in April 2026) - 30 Years @ 5.50% resulting in P&I of Estimated Bond Terms (Special Project bonds to be sold in April 2026) - 30 Years @ 5.50% resulting in P&I of Estimated Bond Terms (Special Project bonds to be sold in April 2026) - 30 Years @ 5.50% resulting in P&I of Estimated Bond Terms (Special Project bonds to be sold in April 2026) - 30 Years @ 5.50% resulting in P&I of Estimated Bond Terms (Special Project bonds to be sold in April 2026) - 30 Years @ 5.50% resulting in P&I of Estimated Bond Terms (Special Project bonds to be sold in April 2026) - 30 Years @ 5.50% resulting in P&I of Estimated Bond Terms (Special Project bonds to be sold in April 2026) - 30 Years @ 5.50% resulting in P&I of Estimated Bond Terms (Special Project bonds to be sold in April 2026) - 30 Years @ 5.50% resulting in P&I of Estimated Bond Terms (Special Project bonds to be sold in April 2026) - 30 Years @ 5.50% resulting in P&I of Estimated Bond Terms (Special Project Bond Terms (Special

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