

	Requested DW 20-156 Revenue Requirements	Projected 2020 Qualified Capital Project pro formas	Projected QCPAC Surcharge for 2020 Capital Additions	Projected 2021 Qualified Capital Project pro formas	Projected QCPAC Surcharge for 2021 Capital Additions	Projected 2022 Qualified Capital Project pro formas	Projected QCPAC Surcharge for 2022 Capital Additions	Projected QCPAC For 2023 Capital Additions pro formas	Projected QCPAC Surcharge for 2023 Capital Additions
City Bond Fixed Revenue Requirement (CBFRR)	\$ 926,309		\$ 926,309	\$ -	\$ 926,309	\$ -	\$ 926,309	\$ -	\$ 926,309
Material Operating Expense Revenue Requirement (MOERR)	\$ 7,306,643 (1)	\$ 109,255 (5)(11)	\$ 7,415,898	\$ 40,613 (5)(10)	\$ 7,456,511	\$ 10,269 (5)(10)	\$ 7,466,780	\$ 63,578 (5)	\$ 7,530,358
Operating Expense Contingency	1.06 (2)		1.06		1.06		1.06		1.06
Material Operating Expense Revenue Requirement (MOERR)	7,745,042		7,860,852		7,903,902		7,914,787		7,982,180
Non Material Operating Expense Revenue Requirement (NOERR)	\$ 7,163		\$ 7,163		\$ 7,163		\$ 7,163		\$ 7,163
Debt Service Revenue Requirement (DSRR 1.0)	\$ 1,669,484 (3)	\$ 277,257 (6)(7)	\$ 1,946,742	\$ 113,328	\$ 2,060,070	\$ 225,522	\$ 2,285,592	\$ 177,629	\$ 2,463,222
Principal and Interest Coverage Requirement	1.10		1.10		1.10		1.10		1.10
Total Debt Service Revenue Requirement including the .01 DSRR	\$ 1,836,433		\$ 2,141,416		\$ 2,266,077		\$ 2,514,151		\$ 2,709,544
Revenue Requirement exclusive of NCCRS	\$ 10,514,946		\$ 10,935,739		\$ 11,103,451		\$ 11,362,410		\$ 11,625,195
Less Other Operating Revenues	\$ 30,188 (4)		\$ 30,188		\$ 30,188		\$ 30,188		\$ 30,188
Revenues required from Customer Classes exclusive of NCCRS	\$ 10,484,758		\$ 10,905,551		\$ 11,073,263		\$ 11,332,222		\$ 11,595,007
Revenues subject to QCPAC	\$ 10,484,758		\$ 10,905,551		\$ 11,073,263		\$ 11,332,222		\$ 11,595,007
Projected QCPAC Increase ⁸			4.01%		1.60%		2.47%		2.51%
Cumulative QCPAC increase ⁹			4.01%		5.61%		8.08%		10.59%
Cumulative QCPAC monthly increase in average single family residential bill			\$ 3.43		\$ 4.79		\$ 6.90		\$ 9.04
Average monthly single family residential bill with QCPAC			\$ 88.83		\$ 90.19		\$ 92.30		\$ 94.44

Notes:

- (1) Operating Expense Revenue requirement is the sum of the Total Operating Expenses, Property Tax Expense and Amortization Expense being sought in DW20-156.
- (2) Material operating expense factor requested in DW20-156.
- (3) Annual Principal and interest payments for PEU debt associated with plant in service being sought in DW20-156 less Georgetown project in Lock Lake.
- (4) Other Revenues from 2019 Test Year in DW20-156.
- (5) QCPAC operating expense proformas are based on the property taxes for plant added during the year.
- (6) See Calculation of annual principal and interest payments on spreadsheet titled "2020 QCPAC PEU Additions."
- (7) Portion of Annual Principal and interest payments paid to CoBank for debt associated with plant a placed in service between 1/1 and 12/31 for designated year based on a 25 year term loan with an actual total all in interest rate of 5.00% that was not recovered in DW20-156.
- (8) QCPAC percent revenue surcharges based on increase in revenues over the revenues requested in DW20-156.
- (9) Cumulative surcharge percentage is based on total surcharge revenues collected divided by the revenues requested in DW20-156.
- (10) QCPAC operating expense proforma associated with property taxes is reduced by \$ 70,000 to reflect reduction in purchased water costs associated with the completion of the Londonderry Storage Tank.
- (11) QCPAC operating expense proforma associated with property taxes is reduced by \$ 28,000 to reflect reduction in arsenic treatment costs associated with the completion of the Locke Lake raw water well line to the Peacham Road Treatment plant.

Impact on PEU Single Family Residential Home:

Monthly meter charge requested in DW20-156	\$ 24.17
Average Single Family Consumption (CCF)	6.50
Consumption Charge requested in DW20-156	\$ 9.42 per CCF
Average Single Family monthly bill with rates requested in DW20-156	\$ 85.40

Project Name/Description	Project Description	Work Order #	Board Approved 2020 Capex Budget	Funding Source	Funding Decker No.	NHPUC Order No.	Date of NHPUC Order	Source of Funding	Eligible for 2021 QCPAC Surcharge	Eligible for 2021 QCPAC Surcharge	Estimated Project Cost as of 6/30/2020	Estimated Project Cost as of 9/30/2020	Estimated Project Cost as of 11/30/2020	Total Project cost as of 12/31/2020	Community	Taxable	Tax Rate (%)	2021 QCPAC Eligible Property Tax Exposure	Explanation for Change /Addition/Deletion since Petition Filing	
Elevated Storage Tank in Londonderry	Construct 1.25 MG Elevated Storage Tank.	1818345, 1901441, 200072	\$ 1,545,000	Colbank			Pending Filing	Colbank	No	\$ -	\$ -	\$ -	\$ -	\$ -	Londonderry	Yes	\$ 24.78	\$ -	Project deferred to 2021 due to permitting.	
Midleton Station Re-build	Re-build Sunnys Estates CWS Station. Existing Station is over 40 years old.	n/a	\$ -	Colbank			Pending Filing	Colbank	No	\$ -	\$ 340,000	\$ -	\$ -	\$ -	Midleton	Yes	\$ 33.55	\$ -	Project deferred to 2021 due to the need to install additional treatment due to lower Arsenic standard.	
Airstrip alternative arsenic treatment	Raw Water Pipeline from Air Strip well to Peacham Road WTP.	1901642, 2000171	\$ 540,000	Colbank			11/16/2018	SRF	Yes	\$ 540,000	\$ 653,000	\$ 690,000	\$ 653,000	\$ 618,531	Barnstead	Yes	\$ 27.84	\$ 17,220	Based on final low bid and actual construction. Different soil conditions encountered than bid estimate during construction.	
Georgian Drive water main replacement	Replace 4600 LF of 4 inch schedule 40 PVC with 6 inch C900 PVC.	2000363	\$ 10,000	Colbank			11/16/2018	SRF	Yes	\$ 10,000	\$ 10,000	\$ -	\$ 10,000	\$ 10,000	Barnstead	Yes	\$ 27.84	\$ 26,000	Recovery of these 2017 used and useful Capex was sought in DW20-019 filing. While the projects are completed the Company will file for closing on the loan representing these capital improvements used June 2021 as a working the PEU associated with these projects in 2021 QCPAC, as opposed to the 2020 QCPAC.	
Bradford Lane water main replacement	Replace 1825 LF of 4 inch schedule 40 PVC with 6 inch C900 PVC.	2000364	\$ 10,000	Colbank			11/20/2018	SRF	Yes	\$ 10,000	\$ -	\$ -	\$ 10,000	\$ 10,000	Barnstead	Yes	\$ 27.84	\$ -	Based on final low bid and actual construction.	
N Barnstead Road - Eliminate dead-end piping	Add 1800 LF of 4 inch C900 PVC to eliminate dead-end. Replace 219 LF of 4 inch sch 40 PVC with 6 inch C900 PVC.	2000365	\$ 239,000	Colbank			11/22/2018	SRF	Yes	\$ 239,000	\$ 265,620	\$ 255,000	\$ 255,000	\$ 244,214	Barnstead	Yes	\$ 27.84	\$ 6,799	Based on final low bid and actual construction.	
Bethcott Drive water main replacement	Replace 500 LF of 4 inch schedule 40 PVC with 6 inch C900 PVC.	2000366	\$ 5,000	Colbank			11/24/2018	SRF	Yes	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ -	Barnstead	Yes	\$ 27.84	\$ -	Deferred.	
Route 28 Replacement	Replace 500 LF of 7" PE with 720 LF of 4" C-900 PVC.	2000370	\$ 80,000	Colbank			11/26/2018	SRF	Yes	\$ 80,000	\$ 93,500	\$ 95,500	\$ 95,500	\$ 69,061	Barnstead	Yes	\$ 27.84	\$ -	Based on final low bid and actual construction.	
Locke Lake Surface Water Treatment*	Intake & Treatment Facility Construction	1813401, 1900433, 2000369	\$ 835,000	Colbank			11/26/2018	SRF	Yes	\$ -	\$ 1,490,000	\$ 1,700,000	\$ 2,050,000	\$ 2,099,000	Barnstead	Yes	\$ 27.84	\$ 8,717	Filing. Some items failed in Sept 2020. Increase in price reflects replacement of those items. More work was completed in 2020 than anticipated, therefore there will be less cost in 2021.	
Locke Lake Surface Water Treatment*	Intake & Treatment Facility Construction	1813401, 1900433, 2000369	\$ -	Colbank			Pending Filing	Colbank	Yes	\$ -	\$ -	\$ -	\$ -	\$ 175,334	Barnstead	Yes	\$ 27.84	\$ 4,881	Locke Lake project investment that exceeds the available loan amount of \$428,000. The \$240,000 of remaining funds available via SRF will be drawn down in 2021.	
Rolling Hills Water Main Replacement - Site Restoration from 2019 Project	Replace substandard 2 inch diameter pipe with 4 inch C900 PVC.	2000392	\$ 32,000	Colbank			26/18/19	Colbank	Yes	\$ 32,000	\$ 32,000	\$ 32,000	\$ 32,000	\$ -	Phoenix	Yes	\$ 26.20	\$ -		
Peham Main Replacement/Addition	Replace 1600 LF of 3 inch PE with 12 in C-900 and add 775 LF of 12 in C-900 Montello & Lane.	2001241	\$ 285,000	Colbank			Pending Filing	Colbank	Yes	\$ 265,000	\$ 596,550	\$ 658,600	\$ 658,600	\$ 332,855	Peham	Yes	\$ 28.86	\$ 8,275	Project scope expanded for streets below over original budget.	
Peham Main Replacement/Addition	Replace Lane Road.	2003563	\$ -	Colbank			Pending Filing	Colbank	Yes	\$ -	\$ -	\$ -	\$ -	\$ 182,102	Peham	Yes	\$ 28.86	\$ 4,527	Work on this street in project total for Montello & Lane Project above.	
Peham Main Replacement/Addition	Replace Simpson Road.	2003564	\$ -	Colbank			Pending Filing	Colbank	Yes	\$ -	\$ -	\$ -	\$ -	\$ 19,527	Peham	Yes	\$ 28.86	\$ 485	Work on this street in project total for Montello & Lane Project above.	
Peham Main Replacement/Addition	Replace Andrea Lane.	2003565	\$ -	Colbank			Pending Filing	Colbank	Yes	\$ -	\$ -	\$ -	\$ -	\$ -	Peham	Yes	\$ 28.86	\$ -	Work on this street in project total for Montello & Lane Project above.	
Peham Main Replacement/Addition	Replace Mount Vernon Drive.	2004123	\$ -	Colbank			Pending Filing	Colbank	Yes	\$ -	\$ -	\$ -	\$ -	\$ 60,361	Peham	Yes	\$ 28.86	\$ 1,806	Work on this street in project total for Montello & Lane Project above.	
1 x revenue investments Normal Run Rate	Per Tariff	n/a	\$ 100,000	Colbank			Pending Filing	Colbank	Yes	\$ 100,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	Varian	Yes	\$ 27.23	\$ 1,714	105 Dechlorinator Installed Services Installed thru 12/31/2020.	
Sunrise Estates	Station Replacement (design)	2001613	\$ 40,000	Colbank			01/15/RRR	Colbank	No	\$ -	\$ 30,000	\$ 30,000	\$ 30,000	\$ 7,805	Midleton	No	\$ 33.55	\$ -		
Londonderry Core Re-Characterization	Re-characterization Evaluation and Preliminary Design.	2001700	\$ 35,000	Colbank			01/15/RRR	Colbank	No	\$ -	\$ 35,000	\$ 35,000	\$ 35,000	\$ 11,620	Londonderry	No	\$ 24.78	\$ -	Design costs incorporated into Station rebuild below.	
Adkinson Booster pump station design	Adkinson Booster pump station design	2000717	\$ 30,000	Colbank			01/15/RRR	Colbank	No	\$ -	\$ -	\$ -	\$ 3,000	\$ -	Adkinson	Yes	\$ 22.84	\$ -	Costs incorporated in Adkinson Station rebuild below.	
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	760-763 workorders	\$ 40,000	Colbank			Pending Filing	Colbank	Yes	\$ 40,000	\$ 35,000	\$ 25,000	\$ 18,000	\$ 15,241	Varian	Yes	\$ 27.23	\$ 415	5 Booster Pump Replaces/Rebuilds through 12/31/2020.	
Well Pump replacements	Well Pump replacements	760-763 workorders	\$ 40,000	Colbank			Pending Filing	Colbank	Yes	\$ 40,000	\$ 16,000	\$ 15,000	\$ 15,000	\$ 14,665	Varian	Yes	\$ 27.23	\$ 399	4 Well Pumps Replaced/Rebuild through 12/31/2020.	
Chemical Feed pump replacements	Chemical Feed pump replacements	760-763 workorders	\$ 10,000	Colbank			Pending Filing	Colbank	Yes	\$ 10,000	\$ 5,000	\$ 2,000	\$ 2,000	\$ 1,695	Varian	Yes	\$ 27.23	\$ 46	1 Chemical Feed Pump Replaced/Rebuild through 12/31/2020.	
Install/replace treatment systems in small CWS	Install/replace treatment systems in small CWS	n/a	\$ 20,000	Colbank			Pending Filing	Colbank	Yes	\$ 20,000	\$ -	\$ -	\$ -	\$ -	Varian	Yes	\$ 27.23	\$ -	None completed during 2020.	
Misc. Structural Improvements	Misc. Structural Improvements	n/a	\$ 20,000	Colbank			Pending Filing	Colbank	Yes	\$ 20,000	\$ 10,000	\$ 5,000	\$ -	\$ -	Varian	Yes	\$ 27.23	\$ -	None completed during 2020.	
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	n/a	\$ 10,000	Colbank			Pending Filing	Colbank	Yes	\$ 10,000	\$ 5,000	\$ -	\$ -	\$ -	Varian	Yes	\$ 27.23	\$ -	None completed during 2020.	
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	n/a	\$ 30,000	Colbank			Pending Filing	Colbank	Yes	\$ 30,000	\$ 27,000	\$ -	\$ 5,000	\$ -	Varian	Yes	\$ 27.23	\$ -	See project below.	
Miscellaneous SCADA/Electrical	Replace Well #1 VFD, Lampighter Village	2001215	\$ -	Colbank			Pending Filing	Colbank	Yes	\$ -	\$ 2,398	\$ 2,398	\$ 2,398	\$ 2,398	Windham	Yes	\$ 23.80	\$ 57		
Miscellaneous SCADA/Electrical	Replace Pump #4 VFD, Liberty Tree	2003248	\$ -	Colbank			Pending Filing	Colbank	Yes	\$ -	\$ 1,735	\$ 1,735	\$ 1,735	\$ 1,735	Barnstead	Yes	\$ 30.53	\$ 53		
Miscellaneous SCADA/Electrical	Replace Pump #1 VFD, Liberty Tree	2003387	\$ -	Colbank			Pending Filing	Colbank	Yes	\$ -	\$ 1,735	\$ 1,735	\$ 1,735	\$ 1,735	Barnstead	Yes	\$ 30.53	\$ 53		
Well Rehabilitation	Well Rehabilitation	n/a	\$ 60,000	Colbank			Pending Filing	Colbank	No	\$ -	\$ 15,000	\$ 15,000	\$ -	\$ -	Varian	Yes	\$ 27.23	\$ -	None completed during 2020.	
Adkinson Station Rebuild	Station cannot provide requisite flow. Hydrogenation tank is in need of	2002720	\$ 500,000	Colbank			Pending Filing	Colbank	No	\$ -	\$ -	\$ -	\$ -	\$ -	Adkinson	Yes	\$ 28.84	\$ -	Project deferred into 2021 subject to evaluation of financial analysis of scheduling the station vs. interconnection with HARRIS.	
Install web based communication equipment, 4 locations.	Install web based communication equipment, 4 locations.	n/a	\$ 20,000	Colbank			Pending Filing	Colbank	Yes	\$ 20,000	\$ 17,001	\$ 17,001	\$ 17,001	\$ -	Varian	Yes	\$ 27.23	\$ 57		
Install web based communication equipment, 4 locations.	Fetcher's Corner, Install Cellular based Communication	2002720	\$ -	Colbank			Pending Filing	Colbank	Yes	\$ -	\$ 2,099	\$ 2,099	\$ 2,099	\$ 2,099	Varian	Yes	\$ 27.23	\$ 57		
Interconnect the WAE CWS to the Town of Salem Water System.	Interconnect the WAE CWS to the Town of Salem Water System.	2001241	\$ -	Colbank/Varian			Pending Filing	EPREC/Colbank	No	\$ -	\$ 125,000	\$ 125,000	\$ -	\$ -	Windham	Yes	\$ 23.80	\$ -	Added as part of PEU-Salem Windham Franchise exchange. MSDC charge paid for by PEU. Work will not be Used and Useful to 2020.	
New Services (5)	Single Family, Chew Creek, New Homes	750 workorders	\$ 25,000	Colbank			Pending Filing	Colbank	Yes	\$ 25,000	\$ 15,000	\$ 7,500	\$ 10,500	\$ 10,500	Varian	Yes	\$ 27.23	\$ 288	2 new services installed through 12/31/2020.	
Renewed Services (10)	Replacement of failed services.	721 to 722 workorders	\$ 55,000	Colbank			Pending Filing	Colbank	Yes	\$ 55,000	\$ 1,012	\$ 7,014	\$ 7,014	\$ 10,137	Varian	Yes	\$ 27.23	\$ 276	3 Renewed Service installed through 12/31/2020.	
Hydrants (5)	Replacement of non-functional hydrants.	70 to 71 workorders	\$ 30,000	Colbank			Pending Filing	Colbank	Yes	\$ 30,000	\$ 18,000	\$ 6,000	\$ -	\$ -	Varian	Yes	\$ 27.23	\$ -	None completed during 2020.	
Meters 548-4" Lead Meter Exchange - PEU (600)	Replace High Lead Brass meter with new no lead brass meter.	750 workorders	\$ 22,000	Colbank			Pending Filing	Colbank	Yes	\$ 22,000	\$ 30,000	\$ 26,000	\$ 26,000	\$ 25,752	Varian	Yes	\$ 27.23	\$ 699	135 Meters installed/ replaced through 12/31/2020. This is new and replacements together.	
Gates (5)	Replacement of Failed Gate Valves	712 workorders	\$ 32,000	Colbank			Pending Filing	Colbank	Yes	\$ 32,000	\$ 6,110	\$ 18,000	\$ 17,054	\$ 17,872	Varian	Yes	\$ 27.23	\$ 487	5 Gates Installed/ Replaced through 12/31/2020.	
Radars (200)	New Customers (200) and replaced failed radars (80) for meter reading.	750 workorders	\$ -	Colbank			Pending Filing	Colbank	Yes	\$ -	\$ 16,500	\$ 15,025	\$ 21,000	\$ 24,251	Varian	Yes	\$ 27.23	\$ 660	200 Radars installed/ replaced through 12/31/2020.	
Meters (Growth) 548-2" - PEU (220)	New meters for new customers (220).	750 workorders	\$ -	Colbank			Pending Filing	Colbank	Yes	\$ -	\$ -	\$ -	\$ -	\$ -	Varian	Yes	\$ 27.23	\$ -	Incorporated in Row 45 above.	
PEU-PWW Interconnection	PEU-PWW Interconnection	2001714	\$ -	Colbank			Pending Filing	Colbank	Yes	\$ -	\$ -	\$ -	\$ -	\$ 3,449	Merrimack	Yes	\$ 28.84	\$ 99		
MSDC Payment to Manchester Water Works	MSDC Payment to Manchester Water Works	2009024	\$ -	Colbank			Pending Filing	Colbank	Yes	\$ -	\$ -	\$ -	\$ -	\$ 127,007	Varian	No	\$ 27.23	\$ -		
Interest on Colbank FALOC	Short term interest from 11/23/2020 - 7/31/2021	\$ -	\$ -	Colbank			Pending Filing	Colbank	Yes	\$ -	\$ -	\$ -	\$ 16,000	\$ -	Varian	No	\$ 27.23	\$ -	Anticipated closing on Colbank long term loan to pay off Colbank FALOC on 8/1/2021.	
Pennichuck East Utilities Projected 2020 Total Capital Expenditure Budget - \$ 4,737,000																			Projected annual property tax expenses for QCPAC eligible projects -	\$ 137,255
Pennichuck East Utilities Projected 2020 QCPAC Eligible Capital Investment less 0.1 DSRRR funded projects - \$ 1,692,000																			Funded with Colbank Loan ¹ -	\$ 1,692,000
Funded with SRF ² -																			\$ 2,371,991	
Funded with SRF ³ -																			\$ 1,490,000	
Total projected P&I on debt incurred to support 2020 used and useful capex -																			\$ 163,242	
Total projected annual P&I for 2020 used and useful QCP's -																			\$ 241,381	
Total projected annual P&I for 2020 used and useful QCP's -																			\$ 226,413	
Total projected annual P&I for 2020 used and useful QCP's -																			\$ 264,461	
Total projected annual P&I for 2020 used and useful QCP's -																			\$ 277,257	

1. Tax rate is the sum of the local community rate plus the Statewide Utility tax rate of \$6.60/\$1000.
 2. The 2020 PEU Capital Expenditure Budget presented was approved by the Board in January 2020.
 3. Projected Colbank Loan Terms are 25 Years at 5.0% resulting in P&I of
 4. Remainder of Locke Lake Surface Water Treatment project to be completed in early 2021 at a total projected cost of \$ 232,833 resulting in P&I of
 5. Projected SRF Terms for Locke Lake project are 30 Years at 2.704% resulting in P&I of

Project Name/Description	Project Description	Work Order #	2021 Board Approved Budgeted	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Source of Funding	Eligible for 2021 QCPAC Surcharge	Eligible for 2021 QCPAC Surcharge	Estimated Project Cost as of 6/30/2021	Community	Taxable	Tax Rate (%)	QCPAC Eligible Property Tax Expense	Explanation for Change/Addition/Deletion since Petition Filing
Locke Lake Surface Water Treatment ¹	Intake & Treatment Facility Construction	2101752	\$ 200,000	DW18-132	26,189	11/26/2018	SRF	Yes	\$ 200,000	\$ 240,000	Barnstead	Yes	\$ 27.84	\$ 6,682	Total project cost incurred between 2019 through 2021 when project became Used and Useful.
Pelham Main Replacement/Addition	Replace 1600 LF of 3 inch PE with 12 in C-900 and add 775 LF of 12 in C-900 on Monticello, Mt. Vernon and Lane Road - Finish Paving	2105634	\$ 40,000	DW21-102		Pending Filing	Colback	Yes	\$ 40,000	\$ 40,000	Pelham	Yes	\$ 24.86	\$ 994	
Pelham Main Replacement/Addition	Finish Paving	2105635		DW21-102		Pending Filing	Colback	Yes						\$ -	included in WO 2105634 final invoice
Pelham Main Replacement/Addition	Finish Paving	2105636		DW21-102		Pending Filing	Colback	Yes						\$ -	included in WO 2105634 final invoice
Londonderry System Improvements	Tank, Transmission Main & Booster Station	2102551	\$ 1,600,000	DW21-102		Pending Filing	Colback	No	\$ 1,600,000	\$ 1,000,000	Londonderry	Yes	\$ 24.78	\$ -	Project delay in permitting will require carry over into 2022
Alderson Booster pump station design	Alderson Booster pump station design	n/a	\$ 30,000		01 DSR		Colback	No	\$ 30,000	\$ 30,000	Alderson	No	\$ 22.84	\$ -	Completed in 2020
Locke Lake Filter Replacement	Replace two failed (structural-collapse of screen supports) iron, manganese, & arsenic	n/a	\$ 30,000	DW21-102		Pending Filing	Colback	Yes	\$ 30,000	\$ -	Barnstead	Yes	\$ 27.84	\$ -	
Airstrip Station Decommissioning	Abandon unused wells and Station	2101758	\$ 40,000	DW21-102		Pending Filing	Colback	Yes	\$ 40,000	\$ 78,000	Barnstead	No	\$ 27.84	\$ -	
1 x revenue investments Normal Run Rate	Per Tariff	Routine	\$ 100,000	DW21-102		Pending Filing	Colback	Yes	\$ 100,000	\$ 170,000	Various	Yes	\$ 27.23	\$ 4,629	67 New Developer Installed thru 06/30/21 projecting 60 more
Sunrise Estates	Station Replacement (design)	2102007	\$ -		01 DSR		Colback	No	\$ -	\$ 8,000	Middleton	No	\$ 33.55	\$ -	
Londonderry Core Re-Chloramination	Re-chloramination Evaluation and Preliminary Design	2102008	\$ -		01 DSR		Colback	No	\$ -	\$ 700	Londonderry	No	\$ 24.78	\$ -	
Neeskeneg Well Decommission	Neeskeneg Well Decommission	2104091	\$ -		01 DSR		Colback	No	\$ -	\$ 150,000	Londonderry	No	\$ 24.78	\$ -	
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	Routine	\$ 40,000	DW21-102		Pending Filing	Colback	Yes	\$ 40,000	\$ 30,000	Various	Yes	\$ 27.23	\$ 817	Installed/Repaired 3 pumps through 06/30/21, project 3 more
Well Pump replacements	Well Pump replacements	Routine	\$ 40,000	DW21-102		Pending Filing	Colback	Yes	\$ 40,000	\$ 30,000	Various	Yes	\$ 27.23	\$ 817	Installed/Repaired 4 pumps through 06/30/21, project 4 more
Chemical Feed pump replacements	Chemical Feed pump replacements	Routine	\$ 10,000	DW21-102		Pending Filing	Colback	Yes	\$ 10,000	\$ 8,000	Various	Yes	\$ 27.23	\$ 218	Installed/Repaired 2 pumps through 06/30/21, project 2 more
Install/replace treatment systems in small CWS (supplemental Arsenic treatment)	Install/replace treatment systems in small CWS (supplemental Arsenic treatment systems)	n/a	\$ 50,000	DW21-102		Pending Filing	Colback	Yes	\$ 50,000	\$ 27,000	Various	Yes	\$ 27.23	\$ 735	
Install Poly Phosphate Sequestration System, SkyView Estates, Pelham	Install Poly Phosphate Sequestration System, SkyView Estates, Pelham	2104065				Install/Replace Treatment - See above	Colback	Yes	\$ 3,000	\$ 3,000	Pelham	Yes	\$ 24.86	\$ 75	
Install/replace treatment systems in small CWS (supplemental Arsenic treatment)	Install/replace treatment systems in small CWS (supplemental Arsenic treatment)	2104092				Install/Replace Treatment - See above	Colback	Yes	\$ 20,000	\$ 20,000	Londonderry	Yes	\$ 24.78	\$ 496	
Misc. Structural Improvements	Misc. Structural Improvements	n/a	\$ 20,000	DW21-102		Pending Filing	Colback	Yes	\$ 20,000	\$ 5,750	Various	Yes	\$ 27.23	\$ 157	
Misc. Structural Improvements	Paye Access Road to Stone Shed Station	2107983				Misc. Structural Improvements - See above	Colback	Yes	\$ 14,250	\$ 14,250	Various	Yes	\$ 27.23	\$ 388	
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	n/a	\$ 10,000	DW21-102		Pending Filing	Colback	Yes	\$ 10,000	\$ 10,000	Various	Yes	\$ 27.23	\$ 272	
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	n/a	\$ 30,000	DW21-102		Pending Filing	Colback	Yes	\$ -	\$ 30,000	Various	Yes	\$ 27.23	\$ -	
Well Rehabilitation	Well Rehabilitation	n/a	\$ 60,000	DW21-102		Pending Filing	Colback	Yes	\$ 60,000	\$ 60,000	Various	Yes	\$ 27.23	\$ 1,634	
Install web based communication equipment, 4 locations	Install web based communication equipment, 4 locations	n/a	\$ 20,000	DW21-102		Pending Filing	Colback	Yes	\$ 20,000	\$ 20,000	Various	Yes	\$ 27.23	\$ 545	
Interconnect the W&E CWS to the Town of Salem Water System.	Interconnect the W&E CWS to the Town of Salem Water System.	2004243 & 2101750	\$ -	Colback/Grant		Pending Filing	DW/CPT/Colback	Yes	\$ -	\$ 565,000	Windham	Yes	\$ 23.89	\$ 13,408	Added as part of PEU/Salem Windham Franchise exchange. MSDC charge paid for by PEU. Work will not be Used and Useful in 2020. Includes dechlorination. \$175,000 in MSDC was budgeted in 2020, missed carry over. Well #3 capacity and quality changed dramatically in 2020 changing this connection from season to year round and requiring the additional \$390,000 investment.
New Services (5)	Single Family, Owner Build, New Homes	Routine	\$ 25,000	DW21-102		Pending Filing	Colback	Yes	\$ 25,000	\$ 15,000	Various	Yes	\$ 27.23	\$ 408	Installed 1 new service through 06/30/21, projecting 2 more
Renewed Services (20)	Replacement of failed services (focus on Locke Lake Services)	Routine	\$ 110,000	DW21-102		Pending Filing	Colback	Yes	\$ 110,000	\$ 50,000	Various	Yes	\$ 27.23	\$ 1,361	Renewed 3 services through 06/30/21, projecting 10 more
Hydrants (5)	Replacement of non-functional hydrants	Routine	\$ 30,000	DW21-102		Pending Filing	Colback	Yes	\$ 30,000	\$ 30,000	Various	Yes	\$ 27.23	\$ 817	
Gates (8)	Replacement of Failed Gate Valves	Routine	\$ 32,000	DW21-102		Pending Filing	Colback	Yes	\$ 32,000	\$ 40,000	Various	Yes	\$ 27.23	\$ 1,089	Installed/Repaired 1 gate through 06/30/21, projected 2 more
Radios (100)	New Customers (220) and replaced failed radios (80) for meter reading	Routine	\$ 31,500	DW21-102		Pending Filing	Colback	Yes	\$ 31,500	\$ 27,000	Various	Yes	\$ 27.23	\$ 735	Installed/Repaired 69 radios through 06/30/21, projecting 200 more
New meters for new customers (220). Replacement of failed meters (80)	New meters for new customers (220) and replacement meters (80).	Routine	\$ 30,000	DW21-102		Pending Filing	Colback	Yes	\$ 30,000	\$ 50,000	Various	Yes	\$ 27.23	\$ 1,361	Installed/Repaired 109 meters through 06/30/21, projecting 300 more
Meters 5/8"-6" Lead Meter Exchange - PEU (400)	Replace High lead brass meter with new no lead brass meter.	Routine	\$ 40,000	DW21-102		Pending Filing	Colback	Yes	\$ 40,000	\$ 40,000	Various	Yes	\$ 27.23	\$ -	Included in line above
2021 Radios (1000)	Year 1 of 7 year replacement of all PEU radios (all initial radios installed in 2007)	2101627	\$ 130,000	DW21-102		Pending Filing	Colback	Yes	\$ 130,000	\$ 106,000	Various	Yes	\$ 27.23	\$ 2,886	Replaced 319 Radios through 06/30/21, projecting 700 more
<p>Pennichuck East Utilities Projected 2020 Total Capital Expenditure Budget - \$ 2,748,500</p> <p>Pennichuck East Utilities Projected 2020 QCPAC Eligible Capital Investment - \$ 2,718,500 \$ 1,669,000</p> <p> Funded with Colback Loan² - \$ 2,485,647 \$ 1,436,447</p> <p> Funded with SRF Loan³ - \$ 232,853 \$ 232,853</p> <p>Projected annual property tax expenses for QCPAC eligible projects - \$ 40,613</p>															

1. Tax rate is the sum of the local community rate plus the Statewide Utility tax rate of \$6.60/\$1000.
 2. The 2021 PEU Capital Expenditure Budget presented were approved by the Board in January 2021.
 3. Projected Colback Loan Terms are 25 Years at 5.0% resulting in P&I of \$ 176,363 \$ 109,398
 4. Projected SRF Terms for Locke Lake project are 30 Years at 2.784% resulting in P&I of \$ 11,430 \$ 11,430
 \$ 187,793 \$ 113,528

Project Name/Description	Project Description	Work Order #	2022 Approved Budgeted Amount, Revised to reflect 2020 QCPAC activity	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Source of Funding	Eligible for 2022 QCPAC Surcharge	Eligible for 2022 QCPAC Surcharge	Community	Taxable	Tax Rate (1)	QCPAC Eligible Property Tax Expense	Explanation for Change/Addition/Deletion since Petition Filing
Wellesley Drive water main replacement ⁴	Replace 1760 LF of 2 inch PE with 1760 LF of C900 PVC.		\$ 220,000	CoBank		Pending Filing	CoBank	Yes	\$ 220,000	Pelham	Yes	\$ 24.86	\$ 5,469	
Radclyffe Drive water main replacement ⁴	Replace 720 LF of 1.5 inch PE with 720 LF of C900 PVC.		\$ 100,000	CoBank		Pending Filing	CoBank	Yes	\$ 100,000	Pelham	Yes	\$ 24.86	\$ 2,486	
Vassar Drive water main replacement ⁴	Replace 1740 LF of 2 inch PE with 1740 LF of C900 PVC.		\$ 220,000	CoBank		Pending Filing	CoBank	Yes	\$ 220,000	Pelham	Yes	\$ 24.86	\$ 5,469	
Londonderry System Improvements	Tank, Transmission Main, & Booster Station	2102151	\$ 1,600,000	CoBank		Pending Filing	CoBank	Yes	\$ 1,600,000	Londonderry	Yes	\$ 24.78	\$ 39,748	Project delay in permitting will require carry over into 2022
1 x revenue investments Normal Run Rate	Par Tariff		\$ 100,000	CoBank		Pending Filing	CoBank	Yes	\$ 100,000	Various	Yes	\$ 27.23	\$ 2,723	
Londonderry Mountain Homes Station Improvements	Station Expansion for and including Chemical Feed Facilities for re-chloramination.		\$ 275,000	CoBank		Pending Filing	CoBank	Yes	\$ 275,000	Londonderry	Yes	\$ 24.78	\$ 6,815	
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild		\$ 40,000	CoBank		Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 27.23	\$ 1,089	
Well Pump replacements	Well Pump replacements		\$ 40,000	CoBank		Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 27.23	\$ 1,089	
Chemical Feed pump replacements	Chemical Feed pump replacements		\$ 10,000	CoBank		Pending Filing	CoBank	Yes	\$ 10,000	Various	Yes	\$ 27.23	\$ 272	
Install/replace treatment systems in small CWS.	Install/replace treatment systems in small CWS.		\$ 25,000	CoBank		Pending Filing	CoBank	Yes	\$ 25,000	Various	Yes	\$ 27.23	\$ 681	
Miscellaneous Structural Improvements	Misc. Structural Improvements		\$ 20,000	CoBank		Pending Filing	CoBank	Yes	\$ 20,000	Various	Yes	\$ 27.23	\$ 545	
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects		\$ 10,000	CoBank		Pending Filing	CoBank	Yes	\$ 10,000	Various	Yes	\$ 27.23	\$ 272	
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical		\$ 30,000	CoBank		Pending Filing	CoBank	Yes	\$ 30,000	Various	Yes	\$ 27.23	\$ 817	
Well Rehabilitation	Well Rehabilitation		\$ 60,000	CoBank		Pending Filing	CoBank	Yes	\$ 60,000	Various	Yes	\$ 27.23	\$ 1,634	
New Services (5)	Single Family, Owner Build, New Homes		\$ 25,000	CoBank		Pending Filing	CoBank	Yes	\$ 25,000	Various	Yes	\$ 27.23	\$ 681	
Renewed Services (20)	Replacement of failed services (focus on Locke Lake System).		\$ 110,000	CoBank		Pending Filing	CoBank	Yes	\$ 110,000	Pelham	Yes	\$ 24.86	\$ 2,735	
Hydrants (5)	Replacement of non-functional hydrants.		\$ 30,000	CoBank		Pending Filing	CoBank	Yes	\$ 30,000	Pelham	Yes	\$ 24.86	\$ 746	
Castes (8)	Replacement of Failed Gate Valves.		\$ 32,000	CoBank		Pending Filing	CoBank	Yes	\$ 32,000	Pelham	Yes	\$ 24.86	\$ 796	
Radios (300)	New Customers (220) and replaced failed radios (80) for meter reading.		\$ 31,500	CoBank		Pending Filing	CoBank	Yes	\$ 31,500	Various	Yes	\$ 27.23	\$ 858	
New meters for new customers (220). Replacement of failed meters (80)	New meters for new customers (220) and replacement meters (80).		\$ 30,000	CoBank		Pending Filing	CoBank	Yes	\$ 30,000	Various	Yes	\$ 27.23	\$ 817	
Meters 5/8"-6" Lead Meter Exchange - PEU (400)	Replace High lead brass meter with new no lead brass meter.		\$ 40,000	CoBank		Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 27.23	\$ 1,089	
2022 Radios (1000)	Year 2 of 7 year replacement of all PEU radios (all initial radios installed in 2007).		\$ 130,000	CoBank		Pending Filing	CoBank	Yes	\$ 130,000	Various	Yes	\$ 27.23	\$ 3,540	
Pennichuck East Utilities Projected 2020 Total Capital Expenditure Budget -			\$ 3,178,500											
									Pennichuck East Utilities Projected 2020 QCPAC Eligible Capital Investment -	\$ 3,178,500				
									Funded with CoBank Loans ³ -	\$ 3,178,500				
										Projected annual property tax expenses for QCPAC eligible projects -	\$ 80,269			

1. Tax rate is the sum of the local community rate plus the Statewide Utility tax rate of \$6.60/\$1000
 2. The 2022 PEU Capital Expenditures Budget presented were approved by the Board in January 2021.
 3. Projected CoBank Loan Terms are 25 Years at 5.0% resulting in P&I of \$ 225,522
 4. The Wellesley, Radclyffe and Vassar Drive water main replacements will be completed over 2 years with water main replacement occurring in 2022 and final pavement in 2023.

Project Name/Description	Project Description	Work Order #	2022 Approved Budgeted Amount, Revised to reflect 2020 QCPAC activity	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Source of Funding	Eligible for 2022 QCPAC Surcharge	Eligible for 2022 QCPAC Surcharge	Community	Taxable	Tax Rate (%)	QCPAC Eligible Property Tax Expense	Explanation for Change/Addition/Deletion since Petition Filing
Pelham Main Replacement	Monticello & Lane Area Phase 2		\$ 700,000	CoBank		Pending Filing	CoBank	Yes	\$ 700,000	Pelham	Yes	\$ 24.86	\$ 17,402	
Wellesley Drive water main replacement	Replace 1760 LF of 2 inch PE with 1760 LF of C900 PVC (paving)		\$ 70,000	CoBank		Pending Filing	CoBank	Yes	\$ 70,000	Pelham	Yes	\$ 24.86	\$ 1,740	\$8 to complete paving associated with 2022 watermain replacement project.
Roadlife Drive water main replacement	Replace 720 LF of 1.5 inch PE with 720 LF of C900 PVC (paving)		\$ 50,000	CoBank		Pending Filing	CoBank	Yes	\$ 50,000	Pelham	Yes	\$ 24.86	\$ 1,243	\$8 to complete paving associated with 2022 watermain replacement project.
Vassar Drive water main replacement	Replace 1740 LF of 2 inch PE with 1740 LF of C900 PVC (paving)		\$ 70,000	CoBank		Pending Filing	CoBank	Yes	\$ 70,000	Pelham	Yes	\$ 24.86	\$ 1,740	\$8 to complete paving associated with 2022 watermain replacement project.
Atkinson Booster Station	Replace and Upgrade Station for AS treatment and Fire flow.		\$ 600,000	CoBank		Pending Filing	CoBank	Yes	\$ 600,000	Atkinson	Yes	\$ 22.84	\$ 13,784	
Locke Lake	Circle & Emmerson Replace 2100 feet of 2 inch PE.		\$ 250,000	CoBank		Pending Filing	CoBank	Yes	\$ 250,000	Barnstead	Yes	\$ 27.84	\$ 6,960	
1 x revenue investments Normal Run Rate	Per Tariff		\$ 100,000	CoBank		Pending Filing	CoBank	Yes	\$ 100,000	Various	Yes	\$ 27.23	\$ 2,723	
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild		\$ 40,000	CoBank		Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 27.23	\$ 1,089	
Well Pump replacements	Well Pump replacements		\$ 40,000	CoBank		Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 27.23	\$ 1,089	
Chemical Feed pump replacements	Chemical Feed pump replacements		\$ 10,000	CoBank		Pending Filing	CoBank	Yes	\$ 10,000	Various	Yes	\$ 27.23	\$ 272	
Install/replace treatment systems in small CWS.	Install/replace treatment systems in small CWS.		\$ 25,000	CoBank		Pending Filing	CoBank	Yes	\$ 25,000	Various	Yes	\$ 27.23	\$ 681	
Miscellaneous Structural Improvements	Miscellaneous Structural Improvements		\$ 20,000	CoBank		Pending Filing	CoBank	Yes	\$ 20,000	Various	Yes	\$ 27.23	\$ 545	
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects		\$ 10,000	CoBank		Pending Filing	CoBank	Yes	\$ 10,000	Various	Yes	\$ 27.23	\$ 272	
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical		\$ 30,000	CoBank		Pending Filing	CoBank	Yes	\$ 30,000	Various	Yes	\$ 27.23	\$ 817	
Well Rehabilitation	Well Rehabilitation		\$ 60,000	CoBank		Pending Filing	CoBank	Yes	\$ 60,000	Various	Yes	\$ 27.23	\$ 1,634	
New Services (5)	Single Family, Owner Build, New Homes		\$ 25,000	CoBank		Pending Filing	CoBank	Yes	\$ 25,000	Various	Yes	\$ 27.23	\$ 681	
Renewed Services (20)	Replacement of failed services (focus on Locke Lake System)		\$ 110,000	CoBank		Pending Filing	CoBank	Yes	\$ 110,000	Various	Yes	\$ 27.23	\$ 2,995	
Hydrants (5)	Replacement of non-functional hydrants.		\$ 30,000	CoBank		Pending Filing	CoBank	Yes	\$ 30,000	Various	Yes	\$ 27.23	\$ 817	
Gates (8)	Replacement of Failed Gate Valves		\$ 32,000	CoBank		Pending Filing	CoBank	Yes	\$ 32,000	Various	Yes	\$ 27.23	\$ 871	
Radios (300)	New Customers (220) and replaced failed radios (80) for meter reading.		\$ 31,500	CoBank		Pending Filing	CoBank	Yes	\$ 31,500	Various	Yes	\$ 27.23	\$ 858	
New meters for new customers (220)	New meters for new customers (220)		\$ 30,000	CoBank		Pending Filing	CoBank	Yes	\$ 30,000	Various	Yes	\$ 27.23	\$ 817	
Meters 5/8"-6" Lead Meter Exchange - PEU (400)	Replace High lead brass meter with new no lead brass meter.		\$ 40,000	CoBank		Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 27.23	\$ 1,089	
2022 Radios (1000)	Year 3 of 7 year replacement of all PEU radios (all initial radios installed in 2007).		\$ 130,000	CoBank		Pending Filing	CoBank	Yes	\$ 130,000	Various	Yes	\$ 27.23	\$ 3,540	
Pennichuck East Utilities Projected 2020 Total Capital Expenditure Budget -			\$ 2,563,500											
									Projected annual property tax expenses for QCPAC eligible projects -		\$ 63,578			
									Pennichuck East Utilities Projected 2020 QCPAC Eligible Capital Investment -		\$ 2,563,500			
									Funded with CoBank Loans -		\$ 2,563,500			

1. Tax rate is the sum of the local community rate plus the Statewide Utility tax rate of \$6.60/\$1000
 2. The 2022 PEU Capital Expenditures Budget presented were approved by the Board in January 2021.
 3. Projected CoBank Loan Terms are 25 Years at 5.0% resulting in P&G of \$ 177,629
 5. The Wellesley, Roadlife and Vassar Drive water main replacements will be completed over 2 years with water main replacement occurring in 2022 and final payment in 2023.