### Pennichuck East Utilities, Inc. DW 22-005 Computation of QCPAC Surcharge 2/10/2022 9/22/2022 - Revised per responses to DOE DR 2's. 10/20/2022 - 9/30/2022 Update

	Requested DW 20- 156 Revenue Requirements	Projected 2020 Qualified Capital Project pro formas	Surch		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	Su	rcharge for 2023	Projected QCPAC For 2024 Capital Additions pro formas	Su	ojected QCPAC rcharge for 2024 apital Additions
City Bond Fixed Revenue Requirement (CBFRR)	\$ 926,309		\$	926,309	\$ -		\$ 926,309	\$ -	\$	926,309	\$ -	\$	926,309	\$ -	\$	926,309
Material Operating Expense Revenue Requirement (MOERR)	\$ 6,982,335	(1) \$ 109,255	(5)(11) \$	7,091,590	\$ 20,174	(5)	\$ 7,111,764	\$ 43,714	(5) \$	7,155,478	\$ 33,081	(5) \$	7,188,560	\$ 30,351	(5) \$	7,218,910
Operating Expense Contingency	1.04	(2)		1.04			1.04			1.04			1.04			1.04
Material Operating Expense Revenue Requirement (MOERR) (12)	7,261,628			7,370,883			7,391,058			7,434,772			7,467,853			7,498,204
Non Material Operating Expense Revenue Requirement (NOERR)	\$ 7,163		\$	7,163			\$ 7,163		\$	7,163		\$	7,163		\$	7,163
Amortization Expense (not subject to MOEF)	\$ 52,281		\$	52,281			\$ 52,281		\$	52,281		\$	52,281		\$	52,281
Debt Service Revenue Requirement (DSRR 1.0)	\$ 1,739,398	(3) \$ 270,766	(6) \$	2,010,164	\$ 69,326	(7)	\$ 2,079,490	\$ 148,181	(13)	2,227,671	\$ 104,132 (	(13) \$	2,331,803	\$ 128,132	(13) \$	2,459,936
Principal and Interest Coverage Requirement	1.10			1.10			1.10			1.10			1.10			1.10
Total Debt Service Revenue Requirement including the .01 DSRR	\$ 1,913,338		\$	2,211,181		-	\$ 2,287,440	=	\$	2,450,439		\$	2,564,984		\$	2,705,929
Revenue Requirement exclusive of NCCRS	\$ 10,160,719		\$	10,567,817			\$ 10,664,250		\$	10,870,963		\$	11,018,590		\$	11,189,886
Less Other Operating Revenues	\$ 30,188	(4)	\$	30,188		-	\$ 30,188	_	5	30,188		\$	30,188		\$	30,188
Revenues required from Customer Classes exclusive of NCCRS	\$ 10,130,531		\$	10,537,629			\$ 10,634,062		\$	10,840,775		\$	10,988,402		\$	11,159,698
Revenues subject to QCPAC	\$ 10,130,531		\$	10,537,629			\$ 10,634,062		\$	10,840,775		\$	10,988,402		\$	11,159,698
Projected QCPAC Increase (8)				4.02%			0.95%	D		2.04%			1.46%			1.69%
Cumulative QCPAC increase (9)				4.02%			4.97%	þ		7.01%			8.47%			10.16%
Cumulative QCPAC monthly increase in average single family residential bill			\$	3.39			\$ 4.19		\$	5.91		\$	7.14		\$	8.57
Average monthly single family residential bill with QCPAC			\$	87.70			\$ 88.50		ş	90.22		\$	91.45		\$	92.88

Notes:

(1) Operating Expense Revenue requirement is the sum of the Total Operating Expenses and Property Tax Expense sought in DW20-156. It does not inleude Amortization Expense.

(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 1/1/2021 and 12/31/2021 for designated year based o that was not recovered in DW20-156. 25 year term loan with an actual total all in interest rate of 5.00%

(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.

70,000 to reflect reduction in purchased water costs associated with the completion of the Londonderry Storage Tank. Due to delay in this pojrect this proforma was removed from the 2022 QCPAC calculation (10) QCPAC operating expense proforma associated with property taxes is reduced by \$

(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.

(12) MOEF is not applied to QCPAC expenses

(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 in 2022, 2023 and 2024 based on a 25 year term loan with an actual total all in interest rate of 5.50%

## Impact on PEU Single Family Residential Home:

	Monthly meter charge requested in DW20-156.	\$ 22.56
	Average Single Family Consumption (CCF)	6.50
	Consumption Charge requested in DW20-156.	\$ 9.50 per CCF
Average Single Family	monthly bill with rates requested in DW20-156	\$ 84.31

PEU QCPAC Filing Exhibit DLW-1 Page 1

that was not recovered in DW20-156.

# Pennichuck East Utilities, Inc. DW 22-005 2020 used and useful QCP's 2/10/2022 9/22/2022 -Revised per responses to DOE DR 2's.

			Board Approved		NHPUC Order		Source of	Eligible for 2021 QCPAC	Eligible for 2021	Estimated Project I Cost as of	Cost as of Co	nated Project Cost as of	Final Project cost				2021 QCPAC Eligible Property	
Project Name/Description	Project Description	Work Order #	2020 Capex Budge	t No.	No.	Order	Funding	Surcharge	QCPAC Surcharge	6/30/2020	9/30/2020 11/	/30/2020	as of 12/31/2020	Community	Taxable	Tax Rate (1)	Tax Expense	Explanation for Change/Addition/Deletion since Petition Filing
Elevated Storage Tank in Londonderry2	Construct 1.25 MG Elevated Storage Tank.	1818349, 1901641, 2000372	\$ 1,545,000	DW21-102	26,507	8/6/2021	CoBank	No	s -	s - 5	s - s	-	ş -	Londonderry	Yes	\$ 24.7	3 \$ -	Project deferred to 2021 due to permitting.
Middleton Station Re-build	Re-build Sunrise Estates CWS Station. Existing Station is over 40 years old.	n/a	\$ -	DW21-102	26,507	8/6/2021	CoBank	No	s -	\$ 340.000	s - s	-	ş -	MIddleton	Yes	\$ 33.5	5 \$ -	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, 2000371	\$ 540,000	DW18-132	26,189	11/16/2018	SRF	Yes	\$ 540,000	\$ 633,000 \$	\$ 600,000 \$	633,000	\$ 618,531	Barnstead	Yes	\$ 27.8	\$ 17.220	Based on final low bid and actual construction. Different soil conditions encountered than bid estimate during construction
Georgtown Drive water main replacement	Replace 4600 LF of 4 inch schedule 40 PVC with 6 inch C900 PVC.	2000363	\$ 10,000	DW18-132	26,189	11/16/2018	SRF	Yes	\$ 10,000	\$ 10.000 \$	\$ -			Barnstead	Yes	\$ 27.8	\$ 26,900	Recovery of these 2019 used and useful Capex was sought in DW20-019 filing. While the projects are completed the Company
· · · · · · · · · · · · · · · · · · ·		2000364	\$ 10,000	DW18-132	26,189	11/16/2018					\$	1,056,000	\$ 966,252					will not be closing on the loan supporting these capital improvements until June 2021 so it is seeking the P&I associated with these
Bradford Lane water main replacement	Replace 1825 LF of 4 inch schedule 40 PVC with 6 inch C900 PVC.	2000364	\$ 10,000	DW16-132	20,189	11/10/2018	SRF	Yes	\$ 10,000	\$ 10,000 <sup>\$</sup>	ş -			Barnstead	Yes	\$ 27.8	1 \$ -	projects in 2021 QCPAC as opposed to the 2020 QCPAC.
N.Barnstead Road - Eliminate deadend piping	Add 680 LF of 4 inch C-900 PVC to eliminate dead end. Replace 275 LF of 4 inch sch 40 PVC with 6 inch C900 PVC.	2000365	\$ 239,000		26,189	11/16/2018	SRF	Yes	\$ 239,000	\$ 265,620 \$	\$ 255,000 \$	255,000	\$ 244,214		Yes	\$ 27.8		Based on final low bid and actual construction.
Belmont Drive water main replacement	Replace 500 LF of 4 inch schedule 40 PVC with 6 inch C900 PVC.	2000366	\$ 5,000		26,189	11/16/2018	SRF	Yes	\$ 5,000	\$ 5,000	5 - 5	-	ş -	Barnstead	Yes	\$ 27.8	· · ·	Deferred
Route 28 Replacement	Replace 720 LF of 2" PE with 720 LF of 4" C-900 PVC.	2000370	\$ 80,000	DW18-132	26,189	11/16/2018	SRF	Yes	\$ 80,000	\$ 59,500	\$ 59,500 \$	56,500	\$ 69,061	Barnstead	Yes	\$ 27.8	\$ 1,923	Based on final low bid and actual construction.
Locke Lake Surface Water Treatment <sup>4</sup>	Intake & Treatment Facility Construction	1813409, 1900433, 2000369	\$ 835,000	DW18-132	26,189	11/16/2018	SRF	Yes	s -	\$ 1,490,000	\$ 1,700,000 \$	2,050,000	\$ 2,109,088	Barnstead	Yes	\$ 27.8	\$ 58,717	Existing Arsenic filters failed in Sept 2020. Increase in price reflects replacement of those filters. More work was completed in 2020 than anticipated, therefore there will be less cost in 2021
ocke Lake Surface Water Treatment <sup>4</sup>	Intake & Treatment Facility Construction	1813409, 1900433, 2000369	\$-	DW21-102	26,507	8/6/2021	CoBank	Yes					\$ 175,334	Barnstead	Yes	\$ 27.8	4 \$ 4,881	Locke Lake project investement that exceeds the available loan amount of \$4,240,000. 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	DW21-102	26,507	8/6/2021	CoBank	Yes	\$ 32,000	\$ 32,000	\$ 32,000 \$	32,000	\$ 27,400	Plaistow	Yes	\$ 26.2	) \$ 718	3
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 Monticello & Lane.	2001241	\$ 285,000	DW21-102	26,507	8/6/2021	CoBank	Yes	\$ 285,000	\$ 590,550 \$	\$ 658,600 \$	658,600	\$ 332,855		Yes	\$ 24.8		Project scope expanded for streets listed below over original budget.
Pelham Main Replacement/Addition	Replace Lane Road.	2003563	\$ -	DW21-102	26,507	8/6/2021	CoBank	Yes	s -	s - <sup>s</sup>	ş - ş	-	\$ 182,102	Pelham	Yes	\$ 24.8	5 \$ 4,527	Work on this street is in project total for Monticello & Lane Project above.
Pelham Main Replacement/Addition	Replace Simpson Road.	2003564	\$ -	DW21-102	26,507	8/6/2021	CoBank	Yes	\$ -	s - <sup>s</sup>	s - s	-	\$ 19,527	Pelham	Yes	\$ 24.8	5 \$ 485	Work on this street is in project total for Monticello & Lane Project above.
Pelham Main Replacement/Addition	Replace Andrea Lane.	2003565	\$-	DW21-102	26,507	8/6/2021	CoBank	Yes	ş -	s - <sup>1</sup>	\$ - \$	-	ş -	Pelham	Yes	\$ 24.8	5 \$ -	Work on this street is in project total for Monticello & Lane Project above.
Pelham Main Replacement/Addition	Replace Mount Vernon Drive.	2004325	\$-	DW21-102	26,507	8/6/2021	CoBank	Yes	ş -	ş - <sup>ş</sup>	\$ - \$	-	\$ 60,561	Pelham	Yes	\$ 24.8	5 \$ 1,506	Work on this street is in project total for Monticello & Lane Project above.
1 x revenue investments Normal Run Rate	Per Tariff	n/a	\$ 100,000	DW21-102	26,507	8/6/2021	CoBank	Yes	\$ 100,000	\$ 40,000	\$ 40,000 \$	40,000	\$ 62,949	Various	Yes	\$ 27.2	3 \$ 1,714	103 Developer Installed Services Installed thru 12/31/2020.
Sunrise Estates	Station Replacement (design)	2003613	\$ 40,000		0.1 DSRR		0.1 DSRR	No	ş -	ş _ \$	\$ 30,000 \$	30,000	\$ 7,805	Middleton	No	\$ 33.5	5 \$ -	
Londonderry Core Re-Chloramination	Re-chloramination Evalution and Preliminary Design	2003760	\$ 35,000		0.1 DSRR		0.1 DSRR	No	s -	\$ 35,000	\$ 35,000 \$	35,000	\$ 11,820	Londonderry	No	\$ 24.7	3 \$ -	Design costs incorporated into Station rebuild above.
Atkinson Booster pump station design	Atkinson Booster pump station design	2000717	\$ 30,000		0.1 DSRR		0.1 DSRR	No	s -	s - s	5 . 5	3,000	ş -	Atkinson	Yes	\$ 22.8	1 \$ -	Costs incorporated in Atkinson Station rebuild below.
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	760 - 763 workorders	\$ 40,000	DW21-102	26,507	8/6/2021	CoBank	Yes	\$ 40,000	\$ 35,000	\$ 25,000 \$	18,000	\$ 15,241		Yes	\$ 27.2		5 Booster Pump Replace/Rebuilds through 12/31/2020.
Well Pump replacements	Well Pump replacements	760 - 763 workorders	\$ 40,000	DW21-102	26,507	8/6/2021	CoBank	Yes	\$ 40,000	\$ 16,000 \$	\$ 15,000 s	15.000	\$ 14,665	Various	Yes	\$ 27.2		4 Well Pumps Repaired/Replaced through 12/31/2020.
Chemical Feed pump replacements	Chemical Feed pump replacements	760 - 763 workorders	\$ 10,000	DW21-102	26,507	8/6/2021	CoBank	Yes	\$ 10,000	\$ 5,000 \$	\$ 2,000 \$	2,000	\$ 1,695	Various	Yes	\$ 27.2	3 \$ 46	1 Chemical Feed Pump Repaired/Replaced through 12/31/2020.
Install/replace treatment systems in small CWS	Install/replace treatment systems in small CWS.	n/a	\$ 25,000	DW21-102	26,507	8/6/2021	CoBank	Yes	\$ 25,000	ş - ş	ş - ş	-	ş -	Various	Yes	\$ 27.2	3 \$ -	None completed during 2020.
Misc. Structural Improvements	Misc. Structural Improvements	n/a	\$ 20,000	DW21-102	26,507	8/6/2021	CoBank	Yes	\$ 20,000	\$ 10,000 \$	\$ 5,000 \$	-	ş -	Various	Yes	\$ 27.2	3 \$ -	None completed during 2020.
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	n/a	\$ 10,000		26,507	8/6/2021	CoBank	Yes	\$ 10,000	\$ 5,000 \$	\$ - \$	-	\$ -	Various	Yes	\$ 27.2		None completed during 2020.
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical Replace Well #1 VFD, Lamplighter Village	n/a	\$ 30,000		26,507	8/6/2021	CoBank	Yes	\$ 30,000		5	5,000	*	Various	Yes	\$ 27.2		See projects below.
Miscellaneous SCADA/Electrical	Replace Weil #1 VFD, Lamplighter Village Replace Pump #4 VFD, Liberty Tree	2001215 2005248		DW21-102 DW21-102	26,507 26,507	8/6/2021 8/6/2021	CoBank	Yes	\$ -	\$ 2,398 \$	\$ 2,398 \$	2,398	4 <b>H</b> J070		Yes	\$ 23.8 \$ 30.5		
Miscellaneous SCADA/Electrical	Replace Pump #4 VPD, Liberty Tree	2005248 2006387	 -	DW21-102 DW21-102	26,507	8/6/2021	CoBank	Yes	5 - e	s - 3	5 1,735 5 5 1.725 e	1,/35	\$ 1,735		Yes	\$ 30.5 \$ 30.5		
Well Rehabilitation	Well Rehabilitation	2000367	\$ 60,000	DW21-102	26,507	8/6/2021	CoBank	No	5 -	\$ 15.000 \$	\$ 15,000 \$	1,755	\$ 1,755	Various	Yes	\$ 30.3		None completed during 2020.
Atkinson Station Rebuild	Station cannot provide requirede fire flow. Hydropneumatic tank is in need of	n/a	\$ 500,000		26,507	8/6/2021	CoBank	No	ş -	\$ - 5	s - s	-	ş -	Atkinson	Yes	\$ 22.8		Project deferred uning 2020. Project deferred into 2021 subject to evaluation of financial analysis of rebuilding the station vs. interconnectoin with HAWC.
nstall web based communication equipment, 4 locations.	Install web based communication equipment, 4 locations.	n/a	\$ 20,000		26,507	8/6/2021	CoBank	Yes	\$ 20,000	\$ 17,901	\$ 17,901 \$	17.901	s -	Various	Yes	\$ 27.2	3 5 .	· · · · · · · · · · · · · · · · · · ·
nstall web based communication equipment, 4 locations.	Fletcher's Corner, Install Cellular Based Communication	2002270	\$ -	DW21-102	26,507	8/6/2021	CoBank	Yes	s -	\$ 2,099 \$	\$ 2,099 \$	2,099	\$ 2,099		Yes	\$ 27.2	3 \$ 57	8
nterconnect the W&E CWS to the Town of Salem Water System.	Interconnect the W&E CWS to the Town of Salem Water System.	2004243	\$ -	DW21-102	26,507	8/6/2021	DWGTF/CoBank	x No	ş -	\$ 125,000 \$	\$ 125,000 \$	-	ş -	Windham	Yes	\$ 23.8	) ş -	Added as part of PEU-Salem Windham Franchise exchange. MSDC charge paid for by PEU. Work will not be Used and Usefu in 2020.
New Services (5)	Single Family, Owner Build, New Homes	720 workorders	\$ 25,000	DW21-102	26,507	8/6/2021	CoBank	Yes	\$ 25,000		\$ 7,950 \$	10,586	\$ 10,586	Tanous	Yes	\$ 27.2		2 new services installed through 12/31/2020.
Renewed Services (10)	Replacement of failed services.	721 & 722 workorders	\$ 55,000	DW21-102	26,507	8/6/2021	CoBank	Yes	\$ 55,000	\$ 1,912 \$	\$ 7,014 \$	7,014			Yes	\$ 27.2		5 Renewed Service installed through 12/31/2020.
Hydrants (5)	Replacement of non-functional hydrants.	730 & 731 workorders	\$ 30,000	DW21-102	26,507	8/6/2021	CoBank	Yes	\$ 30,000			6,000		Various	Yes	\$ 27.2		None completed during 2020.
Meters 5/8"-6" Lead Meter Exchange - PEU (600) Gates (8)	Replace High lead brass meter with new no lead brass meter. Replacement of Failed Gate Valves	750 workorders	\$ 22,000	DW21-102 DW21-102	26,507	8/6/2021	CoBank	Yes	\$ 22,000		\$ 26,000 \$ \$ 18,000 \$	26,000 17,954	\$ 25,672		Yes	\$ 27.2 \$ 27.2		235 Meters installed/replaced through 12/31/2020 - This is new and replacements together.     5 Gates Installed/Repaired through 12/31/2020.
Gates (8) Radios (300)	New Customers (220) and replaced failed radios (80) for meter reading.	712 workorders 754 workorders	\$ 32,000	DW21-102 DW21-102	26,507	8/6/2021 8/6/2021	CoBank	Yes	\$ 32,000 \$ 32,000		\$ 18,000 \$ \$ 15.023 \$	21,000			Yes	\$ 27.2		5 Gates Installed/Repared through 12/31/2020.     236 Radios installed/replaced through 12/31/2020.
			e 32,000	DW21-102 DW21-102	26,507	8/6/2021 8/6/2021			<i>a</i> 32,000	e 10,000 \$	e 15,025 \$	21,000	9 24,231 8					
Meters (Growth) 5/8"-2" - PEU (220)	New meters for new customers (220).	750 workorders					CoBank	Yes	ş -	s - \$	5 -			Various	Yes	\$ 27.2		Incorporated in Row 48 above.
PEU-PWW Interconnection	PEU-PWW Interconnection	2007474	\$ -	DW21-102	26,507	8/6/2021	CoBank	Yes	ş -	ş - ş	5 -		\$ 3,449	merrinner	Yes	\$ 28.8		
MSDC Payment to Manchester Water Works	MSDC Payment to Manchester Water Works	2009024	\$-	DW21-102	26,507	8/6/2021	CoBank	Yes	ş -	ş <u>-</u> ş	ş -		\$ 127,007	Various	No	\$ 27.2		
Interest on CoBank FaLOC	Short term interest from 11/23/2020 - 7/31/2021		\$ -	DW21-102	26,507	8/6/2021	CoBank	Yes	ş -	s - s	5 - 5	16,000	\$ 16,158	Various	No	\$ 27.2	3 \$ -	Anticipates closing on CoBank long term loan to pay off CoBank FALOC on 8/1/2021.
	Pennichuck East Utilities Projected 2020 Total C	apital Expenditure Budget	- \$ 4,737,000						\$ 1,692,000	\$ 3,861,191 \$	\$ 3,714,955 \$	5,019,522	\$ 5,162,180	Projected ann	nual property tax	expenses for QCPA		
	Pennichuck East Utilities Projected 2020 Total C	apital Expenditure Budget	\$ 4,737,000				2020 0.1 DSR	R funded projects -			\$ 3,714,955 \$ \$ 65,000 \$	5,019,522		Projected anr	nual property tax	expenses for QCPA eligible projects		

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				Pennichuck East Utilities Projected 2020 QCPAC Eligible Capital Investr	ment less 0.1 DSRR funded projects - \$	1,692,000 \$	3,826,191 \$	3,649,955 \$	4,951,522 \$	5,142,555		
					Funded with CoBank Loan <sup>3</sup> - \$	1,692,000 \$	2,336,191 \$	1,949,955 \$	979,022 \$	1,135,409		
1. Tax rate is the sum of the local community rate plus the Statewide Utility tax rate of \$6.60/\$100	00.				Funded with SRF <sup>4</sup> - \$	- \$	1,490,000 \$	1,700,000 \$	3,972,500 \$	4,007,147		
2. The 2020 PEU Capital Expenditures Budget presented were approved by the Board in Janaury	2020.											
3. Projected CoBank Loan Terms are	25 Years at	4.18%		resulting in P&I of		\$	152,403 \$	127,206 \$	63,867 \$	74,069		
4. Remainder of Locke Lake Surface Water Treatment project to completed in early 2021 at												
a total projected cost of		\$	232,853									
5. Projected SRF Terms for Locke Lake project are	30 Years at	2.704%		resulting in P&I of		s	73,139 \$	83,447 \$	194,997 \$	196,697		
											\$ 232,853	3
			Total project	ted P&I on debt incurred to support 2020 used and useful capex -	Total projected annual P&I for 2020 used and	l useful QCP's \$	225,542 \$	210,654 \$	258,864 \$	270,766		

Pennichuck East Utilities, Inc. DW 22-005 2021 used and useful QCP's 2/10/2022 9/22/2022 Revised per responses to DOE DR 2's. 10/20/2022- 9/30/2022 update Revised to reflect final CoBank Loan terms

		Work Order #	2021 Board Approved Budøeted	Financing Docket No.	NUBUC Order No.	Date of NHPUC Order S	ource of Funding	Eligible for 2021 QCPAC Surcharge	Eligible for 2021	timated Project Cost as of 6/30/2021	Estimated Project 1 Cost as of 9/30/2021		Final Project cost as of 12/31/2021	Community	Taxable	Tax Rate (1)	QCPAC Eligible Property Tax Expense	Explanation for Change/Addition/Deletion since Petition Filing
Project Name/Description Locke Lake Surface Water Treatment <sup>4</sup>	Project Description	2101752	\$ 200,000		26.189	11/26/2018	8		\$ 200.000 \$									
Locke Lake Surface water Treatment Pelham Main Replacement/Addition	Intake & Treatment Facility Construction 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	2101/52 2105634	\$ 200,000	DW18-132	26,189 Pending Filing	11/20/2016	SRF CoBank	Yes	\$ 200,000 \$	240,000	\$ 200,000 \$ \$ 40,000 \$	\$ 240,000 8 87,366	\$ 252,821 \$ 32,369	Barnstead Pelham	Yes	\$ 26.69 \$ 21.15		Total project cost incurred between 2019 through 2021 when project became Used and Useful.
Pelham Main Replacement/Addition		2105635			Pending Filing		CoBank	Yes	\$ 40,000 \$	40,000	3 40,000 3	0/,300	\$ 52,369 \$ 62.849		Yes	\$ 21.15 \$ 21.15		Actual Final Paving and restoration costs included in WO 2105634 final naving
Peinam Main Replacement/Addition Pelham Main Replacement/Addition	Finish Paving Finish Paving	2105636			Pending Filing		CoBank	Yes	<u>s</u> - s	-	\$ -		\$ 62,849 \$ 5.132		Yes	\$ 21.15 \$ 21.15		included in WO 2105634 final paving included in WO 2105634 final paving
									5 - 5	-	\$ -		• 0,002	Pelham				
Londonderry System Improvements	Tank, Transmission Main, & Booster Station	2102351	\$ 1,600,000		0.1 DSRR 0.1 DSRR		0.1 DSRR	No	\$ 1,600,000 \$	100,000	\$ 100,000 \$ \$ 30,000 \$	5 15,000	\$ 13,698	Londonderry Atkinson	No	\$ 23.34 \$ 17.54	ş -	Engineering only in 2021. Project delay in permitting will require carry over into 2022
Atkinson Booster pump station design	Atkinson Booster pump station design	2102306	\$ 30,000		0.1 DSKK		0.1 DSRR	No	\$ 30,000 \$	Deferred								
Locke Lake Filter Replacement	Replace two failed (structural-collapse of screen supports) iron, manganese, & arsenic filters.	n/a	\$ 30,000		Pending Filing		CoBank	Yes	\$ 30,000 \$	-	\$ 10,000 \$	5 -		Barnstead	Yes	\$ 26.69	s .	Completed in 2020
Airstrip Station Decommissioning	Abandon unused wells and Station	2101758	\$ 40,000	DW18-132	26,189	11/26/2018	SRF	Yes	\$ 40,000 \$	78,000	\$ 78,000 \$	78,000	\$ 77,613	Barnstead	No	\$ 26.69	s -	Complete
1 x revenue investments Normal Run Rate	Per Tariff	Routine	\$ 100,000		Pending Filing		CoBank	Yes	\$ 100.000 \$	170,000	· · · ·	160,000			Yes	\$ 24.03		110 New Developer Installed in 2021.
Sunrise Estates	Station Replacement (design)	2102007	\$ -		0.1 DSRR		0.1 DSRR	No	s - s	8.000	\$ 8,000 \$	3.000	\$ 2,764		No	\$ 32.66		Deferred - monies shown for engineering design
					0.1 DSRR				· ·	0,000		0,000						a contraction of angle and
Londonderry Core Re-Chloramination	Re-chloramination Evalution and Preliminary Design	2003760 & 2102008	· ·				0.1 DSRR	No	ş - ş	700	\$ 700 \$	\$ <u>70</u> 0	\$ 12,469	Londonderry	No	\$ 23.34	ş -	Deferred - monies shown for engineering design
Nesenkeag Well Decomission	Nesenkeag Well Decomission	2104691	s -		0.1 DSRR		0.1 DSRR	No	ş <u> </u>	19,600	\$ 20,000 \$	\$ 20,000	\$ 19,600	Londonderry	No	\$ 23.34	ş -	Complete
Londonderry RRA and ERP	Londonderry RRA and ERP	2105486	s -		0.1 DSRR		0.1 DSRR	No	ş - ş	-	\$ 26,150 \$	\$ 26,150	\$ 2,462	Londonderry	No	\$ 23.34	ş -	Missed in original budget. Required by NHDES under American Water Infrastructure Act
Litchfield RRA and ERP	Litchfield RRA and ERP	2105487	\$ -		0.1 DSRR		0.1 DSRR	No	s - s	-	\$ 26,150 \$	3 26,150		Litchfield	No	\$ 23.34	s -	Missed in original budget. Required by NHDES under American Water Infrastructure Act
Litchfield- Londonderry Evaluation	Litchfield- Londonderry Evaluation	2105687	s -		0.1 DSRR		0.1 DSRR	No	ş - s		\$ 10,000 \$	16,000	\$ 15,362	Lond/Litchfield	No	\$ 23.34	s -	Requested evalution by NHDES - Internal Engineering Staff. Ability to serve water from Nashua
Castle Reach, Replace VFD, Pump #2	Booster Pump replacement/rebuild	2107680	s -		DW21-102		CoBank	Yes	s - s	-	\$ 1,300 \$				Yes	\$ 23.37		
Liberty Tree, Replace VFD, Pump #1	Booster Pump replacement/rebuild	2109974	\$ 1		Pending Filing		CoBank	Yes	S 1				\$ 1,788		Yes	\$ 23.46		
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	Routine	\$ 40,000		Pending Filing		CoBank	Yes	\$ 40,000 \$	30,000	\$ 25,000 \$	20,000		Various	Yes	\$ 24.03		Installed/Repaired 5 pumps in 2021.
Well Pump replacements	Well Pump replacements	Routine	\$ 40,000		Pending Filing		CoBank	Yes	\$ 40,000 \$	30,000	\$ 30,000 \$	25,000	\$ 25,643	Various	Yes	\$ 24.03	\$ 616	Installed/Repaired 7 well pumps in 2021.
Chemical Feed pump replacements	Chemical Feed pump replacements	Routine	\$ 10,000		Pending Filing		CoBank	Yes	\$ 10,000 \$	8,000		6,000	\$ 3,768	Various	Yes	\$ 24.03		Installed/Repaired 2 chem feed pumps in 2021.
Install/replace treatment systems in small CWS (supplemental Arsenic treatment	s Install/replace treatment systems in small CWS (supplemental Arsenic treatment systems).	n/a	\$ 50,000		Pending Filing		CoBank	Yes	\$ 50,000 \$	27,000	\$ 27,000 \$	ş -		Various	Yes	\$ 24.03	ş -	
Install Poly Phosphate Sequestration System, Skyview Estates, Pelham	Install Poly Phosphate Sequestration System, Skyview Estates, Pelham	2104065	Install/Replace Treatment - See above Install/Replace Treatment -		Pending Filing		CoBank	Yes	ş - ş	3,000	\$ 3,000 \$	3,000	\$ 3,126	Pelham	Yes	\$ 21.15		
Install/replace treatment systems in small CWS (supplemental Arsenic treatment	s Install PFAs Removal Treatment System, Harvest Village, Londonderry	2104692	See above		Pending Filing		CoBank	Yes	s - s	20,000	\$ 20,000 \$	20,000	\$ 13,170	Londonderry	Yes	\$ 23.34	\$ 307	
Misc. Structural Improvements	Misc. Structural Improvements	n/a	\$ 20,000		Pending Filing		CoBank	Yes	\$ 20.000 \$	5.750	\$ 5,750 \$	-		Various	Yes	\$ 24.03	s -	
Pave Access Road to Stone Sled Station	Misc. Structural Improvements	2103983	Misc Strucutural Imp See above		Pending Filing		CoBank	Yes	s - s	14,250	\$ 14,250 \$	14,250	\$ 14,250	Various	Yes	\$ 24.03		
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	n/a	\$ 10,000		Pending Filing		CoBank	Yes	\$ 10,000 \$	10,000	\$ 5,000 \$	5 -		Various	Yes	\$ 24.03	ş -	
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	n/a	\$ 30,000		Pending Filing		CoBank	Yes	s - s	30,000	\$ 20,000 \$	-		Various	Yes	\$ 24.03	ş -	
Well Rehabilitation	Well Rehabilitation	n/a	\$ 60,000		Pending Filing		CoBank	Yes	\$ 60,000 \$	60,000	\$ 51,610 \$	-		Various	Yes	\$ 24.03	s -	
Rehabilitate Well #9, Locke Lake, Barnstead	Well Rehabilitation	2102279	\$ -		Pending Filing		CoBank	Yes	\$ - \$	-	\$ 8,390 \$	8,390	\$ 8,390	Barnstead	Yes	\$ 26.69	ý 1111	
Install web based communication equipment, 4 locations	Install web based communication equipment, 4 locations	n/a	\$ 20,000		Pending Filing		CoBank	Yes	\$ 20,000 \$	20,000	\$ 20,000 \$	5,000		Various	Yes	\$ 24.03	ş -	
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	ş -		Pending Filing		DWGTF	No	ş - ş	565,000	\$ 175,000 \$	\$ 290,000	\$ 221,788	Windham	No	\$ 23.37	s -	Added as part of PEU-Salem Windham Franchise exchange. MSDC charge paid for by PEU. Work will not be Used and Useful in 2021. Includes dechloramination. 3175,000 in MSDC was budgeted in 2020, missed carry over. Well 49 capacity and quality changed dramatically in 2020 changing this connection from season to year round and requiring the additional \$550,000 investment. Pipeline and Station work deferred into 2022 due to materials not being available.
New Services (5)	Single Family, Owner Build, New Homes	Routine	\$ 25,000		Pending Filing		CoBank	Yes	\$ 25,000 \$	15,000	\$ 20,000 \$	26,455	\$ 26,455	Various	Yes	\$ 24.03	\$ 636	Installed 5/6 new services in 2021.
Renewed Services (20)	Replacement of failed services (focus on Locke Lake Services).	Routine	\$ 110,000		Pending Filing		CoBank	Yes	\$ 110,000 \$	50,000	\$ 40,000 \$	14,000	\$ 10,686	Various	Yes	\$ 24.03		Renewed 6 services in 2021.
Hydrants (5)	Replacement of non-functional hydrants	Routine	\$ 30,000		Pending Filing		CoBank	Yes	\$ 30,000 \$	30,000		12,000			Yes	\$ 24.03		Replaced 1 hydrant replacments in 2021
Gates (8)	Replacement of Failed Gate Valves	Routine	\$ 32,000		Pending Filing	0	CoBank/0.1 DSRR	Yes	\$ 32,000 \$	40,000	\$ 35,000 \$	33,000	\$ 43,014	Various	Yes	\$ 24.03	\$ 1,034	Installed/Repaired 6 gates in 2021
Radios (300)	New Customers (220) and replaced failed radios (80) for meter reading.	Routine	\$ 31,500		Pending Filing		CoBank	Yes	\$ 31,500 \$	27,000	\$ 20,000 \$	12,400	\$ 11,972	Various	Yes	\$ 24.03		Installed/Repaired 143 radios in 2021.
New meters for new customers (220). Replacement of failed meters (80)	New meters for new customers (220) and replacement meters (80).	Routine	\$ 30,000		Pending Filing		CoBank	Yes	\$ 30,000 \$	50,000	\$ 38,000 \$	32,000	\$ 31,956	Various	Yes	\$ 24.03	\$ 768	Installed/Repaired 228 meters in 2021
Meters 5/8"-6" Lead Meter Exchange - PEU (400)	Replace High lead brass meter with new no lead brass meter.	Routine	\$ 40,000		Pending Filing		CoBank	Yes	\$ 40,000		ş -			Various	Yes	\$ 24.03	ş -	Included in line above
2021 Radios (1000)	Year 1 of 10 year replacement of all PEU radios (initial radios occurred in 2008)	2101627	\$ 130,000		Pending Filing		CoBank	Yes	\$ 130,000 \$	106,000	\$ 98,000 \$	95,000	\$ 101,644	Various	Yes	\$ 24.03	\$ 2,443	Replaced 1048 Radios in 2021.
Install New Water Service	Install New Water Service	2200375	s -		Pending Filing		CoBank	Yes	s - s		s - s	-		North Conway	Yes	\$ 22.16	\$ 97	
Interest on CoBank FaLOC	Short term interest from 9/29/2021 - 7/31/2022		\$-		Pending Filing		CoBank	Yes	s - s	-	\$ 13,650 \$	14,870	\$ 11,591	1 1110 110	No	\$ 24.03	ş -	Anticipates closing on CoBank long term loan to pay off CoBank FALOC on 8/1/2022.
	Pennichuck East Utilities Projected 2021 Total C	Capital Expenditure Budget -	\$ 2,748,501		ities Projected 2021 QCP	PAC Eligible Capital Invest	ment less 0.1 DSRI Funded wi	R funded projects - R funded projects - ith CoBank Loan <sup>3</sup> - ed with SRF Loan <sup>4</sup> -	\$ 2,455,648 \$	1,827,300 158,300 1,669,000 1,436,147 232,853	\$ 221,000 \$ \$ 1,171,950 \$ \$ 939,950 \$	\$ 107,000 \$ 1,198,031 \$ 966,031	\$ 86,313 \$ 897,936 \$ 665,083		nual property tax ex \$ 15,096.94	eligible projects -	\$ 20,174 nt of the gate valve	: that was capitalized in response to Audit Request #2
<ol> <li>Tax rate is the sum of the local community rate plus the Statewide Utility tax rate of \$6.6</li> <li>The 2021 PEU Capital Expenditures Budget presented were approved by the Board in J</li> </ol>				6/30/2021 Update	9/30/2021 Update	W&E project to be funder			* 232,033 \$	232,653	* 232,000 \$	. 252,000	\$ 232,853 \$ 221,788					

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 Expenditures Budget presented were approved by the Board in January 2	021.		
3	Projected CoBank Loan Terms are	25	Vears at	7.16%

<ol> <li>Tax rate is the sum of the local community rate plus the Statewide Utility tax</li> <li>The 2021 PEU Capital Expenditures Budget presented were approved by the</li> </ol>				6/3	30/2021 Update	9/30/2021 Update	11/30/2021 Update	12/31/2021
3. Projected CoBank Loan Terms are	25	Years at 7.16%	resulting in P&I of	\$ 213,767 \$	125,018 \$	81,824	\$ 84,094 \$	57,896
<ol> <li>Projected SRF Terms for Locke Lake project are</li> </ol>	30	Years at 2.704%	resulting in P&I of	\$ 11,430 \$	11,430	11,388	\$ 11,388 \$	11,430
				\$ 225,197 \$	136,448 \$	93,212	\$ 95,482 \$	69,326

Pennichuck East Utilities, Inc. DW 22-005 Projected 2022 QCPAC Capital Expenditures 2/10/2022 9/22/2022 - Revised per responses to DOE DR 2's. 10/20/2022 - 9/30/2022 Update. Reflects current estimate of 2022 Year end project costs and change of CoBank Loan interest rate from 5.5% to 7.0%

								2022 Budgeted						
					NHPUC Order Da	te of NHPUC Source of	Eligible for 202 QCPAC	projects Eligible for 2022 QCPAC	Estimated Project Cost				CPAC Eligible Property Tax	
Project Name/Description	Project Description	Work Order #	2022 Approved Budgeted Amount (2)	Financing Docket No.	No.	Order Funding	Surcharge	Surcharge	as of 9/30/2022	Community	Taxable	Tax Rate (1)	Expense	Explanation for Change/Addition/Deletion since Petition Filing
Londonderry System Improvements	1.25 MG Tank, 16 Inch Transmission Main, & 3,500 gpm Booster Station - Permitting and Design	2200455	\$ 1,600,000	CoBank	Pending Fili		No	\$ 1,600,000	\$ 75.207	Londonderry	Yes	\$ 23.34 \$		l going through Town permitting process. SS are for engineering and will be 0.1 DSRR
V&E Treatment Improvements	Station Improvements to dechloraminate and rechlorinate	n/a	\$ 35.000	DWGTF	Pending Fil	0 GODana	Yes	\$ 35,000	e 15,231	Windham	Yes	\$ 23.37 S	1,757 110/000 300	ith Line Below
V&E Water Main Improvements	Interconnection to Sothern NH Regional Water Sys.	2200453	\$ 454,000	DWGTF/CoBank	Pending Fil		Yes	\$ 454,000	\$ 470,547	Windham	Yes	\$ 23.37 \$		All Life Delow
vestment in Developer Services	1x Annual Revenue	Routine	\$ 100.000	CoBank	Pending Fil		Yes	\$ 100,000	\$ 56,603	Various	Yes	\$ 24.03 \$	.,	per Installed Services thru 09/30/2022. 20 more projected by year end.
age Hill Main Replacement	Vassar Dr & Pumping Station - Gage Hill	2207843	\$	CoBank	Pending Fil	Goliana	Yes	\$ 100,000	\$ 294,331	Pelham	Yes	\$ 21.15 \$	/	nclude cost of finish paving in 2023
age Hill Main Replacement	Wellesley Drive - Gage Hill	2207844	¢ -	CoBank	Pending Fil	- Goisain	Yes	а с	\$ 262,356	Pelham	Yes	\$ 21.15 \$		nclude cost of finish paving in 2023
age Hill Main Replacement	Radcliffe Drive - Gage Hill	2207845	¢ -	CoBank	Pending Fil	0 GODain	Yes	ş .	\$ 113.047	Pelham	Yes	\$ 21.15 \$		nclude cost of finish paving in 2023
age Hill Main Replacement	Bridge Street (Rt. 38) - Gage Hill	2207847	\$ -	CoBank	Pending Fil		Yes	\$ .	\$ 55,266		Yes	\$ 21.15 \$		nclude cost of finish paving in 2023
cke Lake Well Pump Replacement	Locke Lake Well Pump Replacement	2206575	¢ -	CoBank	Pending Fil		Yes	ş .	\$ 72,000	Barostead	Yes	\$ 26.69 S	1,107 1,003 107 1	include cost of finish paving in 2023
22 West Shore Rd Meter Pit Replacement	2302 West Shore Rd Meter Pit Replacement	2203887	¢ -	CoBank	Pending Fil	CODAIR	Yes	<i>ч</i> -	\$ 72,000	Darnstead	Yes	\$ 26.69 \$ \$ 24.03 \$	1,922	
stall New Water Serice to Existing Customer	Install New Water Service 2396 W Side Dr	2207058	с -	CoBank	Pending Fil	CODAIR	Yes	9	\$ 5.300	5566.00)	Yes	\$ 24.03 \$ \$ 24.03 \$	191	
stan New Water Serve to Existing Customer	Booster Pump replacement/rebuild	Routine	\$ 40,000	CoBank	Pending Fil		Yes	\$ - \$ 40.000	\$ 5,300 \$ 31,246	Various	Yes	\$ 24.03 \$ \$ 24.03 \$	12/	Pumps replaced/repaired thru 09/30/2022. Projected 3 more replacements by year end
oster Pump replacement/rebuild	Replace VFD. Booster2. Fletcher's Corner	2201771	\$ 40,000	CoBank	Pending Fil		Yes	9 40,000 S -	\$ 31,246 \$ 2,750	Windham	Yes	\$ 24.03 \$ \$ 23.37 \$	/51 10 Booster 64	runnys replaced/replaned untu 09/30/2022. Projected 5 more replacements by year end
oster Pump replacement/rebuild	Replace VFD Booster #1, Daniels Lake	2202067	\$-	CoBank	Pending Fil		Yes	Ŷ	\$ 3,300	Weare	Yes	\$ 22.34 \$	74	
oster Pump replacement/rebuild	Replace Booster 1 VFD, Fletcher	2203979	\$-	CoBank	Pending Fil	ng CoBank	Yes		\$ 2,710	Windham	Yes	\$ 23.37 \$	63	
Il Pump replacements	Well Pump replacements	Routine	\$ 40,000	CoBank	Pending Fil	ng CoBank	Yes	\$ 40,000	\$ 70,059	Various	Yes	\$ 24.03 \$	1,684 7 well pum	aps replaced/repaired through 09/30/2022. Projected 2 more well pump replacements by year end.
emical Feed pump replacements	Chemical Feed pump replacements	Routine	\$ 10,000	CoBank	Pending Fil	<sup>1g</sup> CoBank	Yes	\$ 10,000	\$ 2,500	Various	Yes	\$ 24.03 \$	60 0 year to da	ate. Projecting 1 by yead end.
all/replace treatment systems in small CWS (supplemental Arsenic treatment systems	Install/replace treatment systems in small CWS (supplemental Arsenic treatment systems	n/a	\$ 50,000	CoBank	Pending Fil	ng CoBank	Yes	\$ 50,000	\$ 10,000	Various	Yes	\$ 24.03 \$	240 1 year to da	ate. Projecting 1 by yead end.
c. Structural Improvements	Misc. Structural Improvements	n/a	\$ 20,000	CoBank	Pending Fil	<sup>1g</sup> CoBank	Yes	\$ 20,000	ş -	Various	Yes	\$ 24.03 \$	-	
cellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	n/a	\$ 10,000	CoBank	Pending Fil	<sup>1g</sup> CoBank	Yes	\$ 10,000	ş -	Various	Yes	\$ 24.03 \$	-	
scellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	n/a	\$ 40,000	CoBank	Pending Fil	<sup>1g</sup> CoBank	Yes	\$ 40,000	\$ 10,000	Various	Yes	\$ 24.03 \$	240	
scellaneous SCADA/Electrical	Replace Chlorine Analyzer - White Rock	2204658	\$-	CoBank	Pending Fil	ng CoBank	Yes	ş -	\$ 4,500	Bow	Yes	\$ 23.63 <b>\$</b>	106	
Il Rehabilitation	Well Rehabilitation	n/a	\$ 60,000	CoBank	Pending Fil	ng CoBank	Yes	\$ 60,000	ş -	Various	Yes	\$ 24.03 \$	. o year to da	ate. None projected through year end.
place PLC @ W&E CWS	Replace PLC @ W&E CWS	n/a	\$ 18,000	CoBank	Pending Fil		Yes	\$ 18,000	ş -	Windham	Yes	\$ 23.37 \$	This project	ct was incorporated in the the Windham Watermain Improvements and Treatment project
place SCADA HMI Locke Lake	Replace SCADA HMI Locke Lake	2201774	\$ 10,000	CoBank	Pending Fil	8 Cobain	Yes	\$ 10,000	\$ 9,257	Barnstead	Yes	\$ 26.69 \$	247	
stall web based communication equipment, 4 locations	Install web based communication equipment, 4 locations	n/a	\$ 20,000	CoBank	Pending Fil	CODAIR	Yes	\$ 20,000	\$ 10,000	Various	Yes	\$ 24.03 \$	240	ed YTD (see row below) with 2 more expected by year end
stall web based communication equipment, 4 locations	Install GS 300 RTU, Castle Reach	2202068	\$ -	CoBank	Pending Fil	0 0000	Yes	ş -	\$ 2,063		Yes	\$ 23.37 \$	48	
orth Conway Water Precinct Well #2 upgrade	Contractural contribution to North Conway Water Precinct Well #2 upgrade	n/a	\$ 50,000		0.1 DSRR	0.1 DSRR		\$ 50,000			No	\$ 24.03 \$	-	
w Services (5)	Single Family, Owner Build, New Homes	Routine	\$ 25,000	CoBank	Pending Fil	CODAIK	Yes	\$ 25,000			Yes	\$ 24.03 \$		installed through 09/30/2022. Three more new services expected to be installed by year end.
newed Services (10)	Replacement of failed services. 8 dual Services at Locke Lake per NHDES CAP	Routine	\$ 55,000	CoBank	Pending Fil	- Conaine	Yes	\$ 55,000		Various	Yes	\$ 24.03 \$	-1001	renewed through 09/30/2022. Locke Lake work to be completed by year end.
drants (5)	Replacement of non functional hydrants	Routine	\$ 30,000	CoBank	Pending Fil	Constant	Yes	\$ 30,000	\$ 6,000	Various	Yes	\$ 24.03 \$		s installed/repaired thru 09/30/2022. One replacement projected by year end.
tes (10)	Replacement of Failed Gate Valves	Routine	\$ 40,000	CoBank	Pending Fil	- Conaine	Yes	\$ 40,000			Yes	\$ 24.03 \$		ves replaced/repaired thru 09/30/2022. One more replacement projected by yead end.
dios (220)	New Customers (220)	Routine	\$ 23,100	CoBank	Pending Fil		Yes	\$ 23,100			Yes	\$ 24.03 \$		installed through 09/30/2022. 40 additional radios projected to be installed by year end.
w meters for new customers (220). Replacement of failed meters (80)	New meters for new customers (220)	Routine	\$ 30,000	CoBank	Pending Fil	CODAIK	Yes	\$ 30,000	\$ 44,414	Various	Yes	\$ 24.03 \$		s installed/repaired through 09/30/2022. 40 additional meters projected to be installed by year end.
eters 5/8"-6" Lead Meter Exchange - PEU (400)	Replace High lead brass meter with new no lead brass meter	Routine	\$ 40,000	CoBank	Pending Fil	Containe	Yes	\$ 40,000	ş -	Various	Yes	\$ 24.03 \$		a Line Above
22 Radios (700)	Year 2 of 10 year replacement of all PEU radios (initial radios occurred in 2008)	2200382	\$ 91,000	CoBank	Pending Fil	- Cobain	Yes	\$ 91,000	ę		Yes	\$ 24.03 \$		replaced through 09/30/2022. No further planned replacements scheduled for the remainder of this year.
Bank Fixed Asset Line of Credit	Short term interest from 8/1/2022 - 7/31/2023	n/a	\$ 20,000	CoBank	Pending Fil	ng CoBank	Yes	\$ 20,000	\$ 17,500	N/A	No	N/A \$	<ul> <li>Anticipates</li> </ul>	s closing on CoBank long term loan to pay off CoBank FALOC on 8/1/2023.
	Pennichuck East Utilities Projected 2022 Total Capital	tal Expenditure Budget -	\$ 2,911,100							Projected annu	ual property tax ex	penses for QCPAC	43,714	
					annichuck East Utilities	rojected 2022 QCPAC Eligible	Capital Investment	\$ 2,861,100	\$ 1.930.140			eligible projects -		
						xpenditures to be funded by I								
						Total Capex to be funded i			,					
							with CoBank Loan <sup>3</sup>							
							with DWGTF loan <sup>4</sup>							
						Funded w	h DWGWTF Grant -							
						Fur	ding with 0.1 DSRR -	\$ 50,000	\$ 50,000	(Row 37 above, not	included in totals in	n Row 48 above)		

 Based on Budget<sup>5</sup>
 Based on 9/30/2022

 6
 204,048
 \$ 124,162

 5
 24,019
 \$ 24,019

 5
 228,067
 \$ 148,181

Pennichuck East Utilities Projected 2022 QCPAC Eligible Capital Investment -	\$ 2,861,100	\$ 1,9
Add in 2021 W&E connection expenditures to be funded by DWGTF Loan/Grant -	221,788	\$ 2

reiniciuck East Olinties Projected 2022 QCFAC Engible Capital Investine	- 111	æ	2,801,100	
in 2021 W&E connection expenditures to be funded by DWGTF Loan/Gra	ant -	\$	221,788	\$
Total Capex to be funded in 2022 with QCPA	AC - 🗌	\$	3,082,888	\$
Funded with CoBank Los	an <sup>3</sup> -	\$	2,377,888	\$
Funded with DWGTF los	an <sup>4</sup> -	\$	493,500	\$
Funded with DWGWTF Gra	ant -	\$	211,500	\$
Funding with 0.1 DSF	RR -	\$	50,000	\$

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

The 2022 PEU Capital Expenditures Budget presented were approved by the Board in January 2022.
 Projected CoBank Loan Terms are
 Project Funded with pending Drinking Water Ground Water Trust Fund Loan/Grant

25 Years at 7.0% 25 Years at 1.57%

5. Interest rate changed from 5.5% (original DW22-005 submission) to

7.0% to reflect projected interest rates in 2023

resulting in P&I of \$
resulting in P&I of \$
Total P&I to support proposed QCPAC eligible 2022 Capex \$

2022 10-24 - September 30 2022 update to EXHIBIT	DI W 1-6 PEU OCPAC 2020-2024 - FINAL

9/22/2022 - Revised per responses to DOE DR 2's.

10/20/2022 - 9/30/2022 Update. Reflects change in projected CoBank loan interest rate from 5.5% to 7.0%

Project Name/Description	Project Description Work Order #	2023 Approved Budgeted Amount (2)	Financing Docket No.	NHPUC Order Date of NHPUC No. Order	Source of Funding	Eligible for 2023 QCPAC Surcharge	Eligible for 2023 QCPAC Surcharge	Community	Taxable	Tax Rate (1)	QCPAC Eligible Property Tax Expense
Sunrise Estates	Booster Station and Storage Tank Replacement	\$ 500.000	CoBank	Pending Filing	CoBank	Yes	\$ 500,000	Middleton	Yes	\$ 32.66	\$ 16.330
Investment in Developer Services	1x Annual Revenue	\$ 100.000	CoBank	Pending Filing	CoBank	Yes	\$ 100.000	Various	Yes	\$ 24.03	\$ 2,403
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	\$ 40,000	CoBank	Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 24.03	\$ 961
Well Pump replacements	Well Pump replacements	\$ 40,000	CoBank	Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 24.03	\$ 961
Chemical Feed pump replacements	Chemical Feed pump replacements	\$ 10,000	CoBank	Pending Filing	CoBank	Yes	\$ 10,000	Various	Yes	\$ 24.03	\$ 240
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	\$ 24.03	\$ 601
Misc. Structural Improvements	Misc. Structural Improvements	\$ 20,000	CoBank	Pending Filing	CoBank	Yes	\$ 20,000	Various	Yes	\$ 24.03	\$ 481
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	\$ 10,000	CoBank	Pending Filing	CoBank	Yes	\$ 10,000	Various	Yes	\$ 24.03	\$ 240
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	\$ 40,000	CoBank	Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 24.03	\$ 961
Well Rehabilitation	Well Rehabilitation	\$ 60,000	CoBank	Pending Filing	CoBank	Yes	\$ 60,000	Various	Yes	\$ 24.03	\$ 1,442
Web based Communications 3 locations	Web based Communications 3 locations	\$ 18,000	CoBank	Pending Filing	CoBank	Yes	\$ 18,000	Various	Yes	\$ 24.03	\$ 433
New Services (5)	Single Family, Owner Build, New Homes	\$ 25,000	CoBank	Pending Filing	CoBank	Yes	\$ 25,000	Various	Yes	\$ 24.03	\$ 601
Renewed Services (10)	Replacement of failed services (Focus on Locke Lake System)	\$ 55,000	CoBank	Pending Filing	CoBank	Yes	\$ 55,000	Various	Yes	\$ 24.03	\$ 1,322
Hydrants (5)	Replacement of non functional hydrants	\$ 30,000	CoBank	Pending Filing	CoBank	Yes	\$ 30,000	Various	Yes	\$ 24.03	\$ 721
Gates (10)	Replacement of Failed Gate Valves	\$ 40,000	CoBank	Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 24.03	\$ 961
Radios (220)	New Customers (220)	\$ 23,100	CoBank	Pending Filing	CoBank	Yes	\$ 23,100	Various	Yes	\$ 24.03	\$ 555
New meters for new customers (220). Replacement of failed meters (80)	New meters for new customers (220)	\$ 30,000	CoBank	Pending Filing	CoBank	Yes	\$ 30,000	Various	Yes	\$ 24.03	\$ 721
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	\$ 24.03	\$ 961
2022 Radios (700)	Year 3 of 10 year replacement of all PEU radios (initial radios occurred in 2008)	\$ 91,000	CoBank	Pending Filing	CoBank	Yes	\$ 91,000	Various	Yes	\$ 24.03	\$ 2,187
Interest on CoBank FALOC	Short term interest from 8/1/2023 - 7/31/2024	\$ 16,410	CoBank	Pending Filing	CoBank	Yes	\$ 16,410	N/A	No	N/A	\$ -
	Pennichuck East Utilities Projected 2023 Total Capital Expenditure Budget -	\$ 1,213,510						Projected and	nual property tax e	xpenses for QCPAC	\$ 33.081

Pennichuck East Utilities Projected 2023 QCPAC Eligible Capital Investment - \$ 1,213,510 Funded with CoBank Loan<sup>3</sup> - \$

 Tax rate is the sum of the local community rate plus the Statewide Utility tax rate of \$6.60/\$1000
 The 2023 PEU Capital Expenditures Budget presented were approved by the Board in January 2022.
 Projected CoBank Loan Terms are 25 25 Years at 7.0%

resulting in P&I of \$ 104,132

penses for QCPAC eligible projects -Projected annual property tax expenses

1,213,510

<sup>33,081</sup> 

Projected 2023 QCPAC Capital Expenditures

2/10/2022

9/22/2022 - Revised per responses to DOE DR 2's. 10/20/2022 - 9/30/2022 Update. Reflects cahnges in the projected CoBank loan interest rate from 5.5% to 7.0%. No project changes.

			2024 Approved	Financing Dock			Eligible for 202 QCPAC	Eligible for 2023				QCPAC Eligible Property Tax
Project Name/Description	Project Description	Work Order #	Budgeted Amount	(2) No.	No. Order	Funding	Surcharge	QCPAC Surcharge	Community	Taxable	Tax Rate (1)	Expense
New Services (5)	Single Family, Owner Build, New Homes		\$ 25,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 25,000	Various	Yes	\$ 24.03	\$ 601
Renewed Services (10)	Replacement of failed services (Focus on Locke Lake System)		\$ 55,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 55,000	Various	Yes	\$ 24.03	\$ \$ 1,322
Hydrants (5)	Replacement of non functional hydrants		\$ 30,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 30,000	Various	Yes	\$ 24.03	\$ \$ 721
Gates (10)	Replacement of Failed Gate Valves		\$ 40,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 24.03	3 <b>\$</b> 961
Radios (220)	New Customers (220)		\$ 23,1	00 CoBank	Pending Filing	CoBank	Yes	\$ 23,100	Various	Yes	\$ 24.03	\$ \$ 555
New meters for new customers (220). Replacement of failed meters (80)	New meters for new customers (220)		\$ 30,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 30,000	Various	Yes	\$ 24.03	3 \$ 721
Meters 5/8"-6" Lead Meter Exchange - PEU (400)	Replace High lead brass meter with new no lead brass meter		\$ 40,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 24.03	3 \$ 961
2022 Radios (700)	Year 4 of 10 year replacement of all PEU radios (initial radios occurred in 2008)		\$ 91,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 91,000	Various	Yes	\$ 24.03	\$ \$ 2,187
Investment in Developer Services	1x Annual Revenue		\$ 100,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 100,000	Various	Yes	\$ 24.03	3 \$ 2,403
Atkinson Pioneer Park	Booster Station and Storage Tank Replacement		\$ 800,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 800,000	Atkinson	Yes	\$ 17.54	\$ 14,032
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild		\$ 40,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 24.03	3 \$ 961
Well Pump replacements	Well Pump replacements		\$ 40,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 24.03	3 \$ 961
Chemical Feed pump replacements	Chemical Feed pump replacements		\$ 10,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 10,000	Various	Yes	\$ 24.03	3 \$ 240
Install/replace treatment systems in small CWS	Install/replace treatment systems in small CWS		\$ 25,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 25,000	Various	Yes	\$ 24.03	\$ \$ 601
Misc. Structural Improvements	Misc. Structural Improvements		\$ 20,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 20,000	Various	Yes	\$ 24.03	\$ \$ 481
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects		\$ 10,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 10,000	Various	Yes	\$ 24.03	\$ \$ 240
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical		\$ 40,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 24.03	\$ \$ 961
Well Rehabilitation	Well Rehabilitation		\$ 60,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 60,000	Various	Yes	\$ 24.03	\$ \$ 1,442
Interest on CoBank FALOC	Short term interest from 8/1/2024 - 7/31/2025		\$ 14,1	00 CoBank	Pending Filing	CoBank	Yes	\$ 14,100	Various	No	N/A	\$ -
Interest on CoBank FALOC     Short term interest from 8/1/2024 - //31/2025     \$ 14,100     CoBank     Pending runng     CoBank     Yes     \$ 14,100       Pending runng     CoBank     Yes     \$ 14,100									Various Projected ann			

Pennichuck East Utilities Projected 2024 QCPAC Eligible Capital Investment - \$ Funded with CoBank Loan<sup>3</sup> - \$

Tax rate is the sum of the local community rate plus the Statewide Utility tax rate of \$6.60/\$1000
 The 2024 PEU Capital Expenditures Budget presented were approved by the Board in January 2022.

3. Projected CoBank Loan Terms are 25 Years at 7.0% resulting in P&I of \$ 128,132 Projected annual property tax expenses for QCPAC eligible projects - \$

30,351

1,493,200

1,493,200