Pennichuck Water Works, Inc. DW 21-xx Computation of QCPAC Surcharge 2/11/2021

| | • • | oved DW19-084 evenues per Order# | | QCPAC For 2019 Capital Additions | - | Q C Surcharge for Cap apital Additions | CPAC For 2020 bital Additions pro forma | | CPAC Surcharge or 2020 Capital Additions | Caj | CPAC For 2021 pital Additions pro forma | for | AC Surcharge 2021 Capital Additions | Capi | PAC For 2022 tal Additions pro forma | for | AC Surcharge 2022 Capital Addition | Capit | AC For 2023 al Additions to forma | for 2 | AC Surcharge 2023 Capital Additions |
|---|------|--|------|-------------------------------------|----|--|---|--------|--|-----|---|--------|---|--------|--|-----|--|-------|---|-------|---|
| City Bond Fixed Revenue Requirement (CBFRR) | \$ | 7,729,032 | | - | \$ | 7,729,032 \$ | - | \$ | 7,729,032 | \$ | - | \$ | 7,729,032 | \$ | - | \$ | 7,729,032 | | | \$ | 7,729,032 |
| DW19-084 Operating Expense Revenue Requirement | \$ | 21,296,618 | (1) | 416,593 | \$ | 21,713,211 \$ | 157,103 | (4) \$ | 21,870,314 | \$ | 133,190 | (4) \$ | 22,003,504 | (4) \$ | 231,710 | \$ | 22,235,214 | \$ | 251,929 | \$ | 22,487,142 |
| DW19-084 Annual Principal and Interest Payments | \$ | 6,176,477 | (2) | 867,226 | \$ | 7,043,703 \$ | 331,380 | (5) \$ | 7,375,082 | \$ | 676,516 | \$ | 8,051,599 | \$ | 597,767 | \$ | 8,649,365 | \$ | 568,586 | \$ | 9,217,951 |
| Principal and Interest Coverage Requirement | | 1.10 | (3) | | | 1.10 | | | 1.10 | | | | 1.10 | | | | 1.10 | | | | 1.10 |
| DW19-084 Principal and Interest Revenue Requirement | \$ | 6,794,124 | | | \$ | 7,748,073 | | \$ | 8,112,591 | | | \$ | 8,856,758 | | | \$ | 9,514,302 | | | \$ | 10,139,746 |
| DW19-084 Revenue Requirement | \$ | 35,819,774 | | | \$ | 37,190,316 | | \$ | 37,711,936 | | | \$ | 38,589,294 | | | \$ | 39,478,547 | | | \$ | 40,355,920 |
| DW19-084 Revenue Requirement less Other Revenues | \$ | 35,399,062 | (12) | | \$ | 36,769,604 | | \$ | 37,291,224 | | | \$ | 38,168,582 | | | \$ | 39,057,835 | | | \$ | 39,935,207 |
| DW19-084 Revenue Requirement less Other Revenues less Fixed Special Contract Revenues | s \$ | 34,792,618 | (8) | | \$ | 36,163,160 | | \$ | 36,684,780 | (8) | | \$ | 37,562,138 | (8) | | \$ | 38,451,391 | | | \$ | 39,328,764 |
| Percent QCPAC Surcharge (9) | | | | | | 3.94% | | | 1.50% | | | | 2.52% | | | | 2.56% | | | | 2.52% |
| Cumulative QCPAC Surcharge (13) | | | | | | 3.94% | | | 5.44% | | | | 7.96% | | | | 10.52% | | | | 13.04% |
| Cumulative QCPAC monthly increase in average single family residential bill. | | | | | \$ | 2.19 | | \$ | 3.03 | | | \$ | 4.43 | | | \$ | 5.85 | | | \$ | 7.65 |
| Average monthly single family residential bill with QCPAC. | \$ | 55.65 | | | \$ | 57.85 | | \$ | 58.68 | | | \$ | 60.08 | | | \$ | 61.51 | | | \$ | 63.30 |

420,712

year bond with interest rate of

(1) Operating Expense Revenue requirement is the sum of the Total Operating Expenses, Property Tax Expense, Amortization Expense and Payroll Tax Expenses approved in NHPUC Order #26,425.

(2) Annual Principal and interest payments for PWW debt associated with all plant in service as approved in DW19-084.

(3) Principal and interest coverage of 1.10 is as approved in DW16-806.

(4) QCPAC operating expenses are based on the property taxes for used and useful plant added during the year

(5) Portion of Annual Principal and interest payments for debt associated with plant placed in service between 1/1/2020 and 12/31/2020 based on a

(6) QCPAC Principal and Interest expenses are based on

(7) QCPAC percent revenue surcharges based on increase in revenues from the revenues granted in DW19-084

(8) Reduction in revenues associated with fixed contracts as follows:

the revenues granted in DW19-08+ Hudson Annual Fixed Chg (9) QCPAC Principal and Interest expenses for DWGTF financing are based on a

(11) Cumulative surcharge percentage is based on total surcharge revenues collected divided by the revenues granted in DW19-084 that are impacted by the QCPAC.
(12) Operating expense revenues approved in DW19-084 less total Other Revenues of

(13) QCPAC percent revenue surcharges based on revenues approved in DW19-084.

| Impact on Single Family Residential Home: | DW19-084 |
|---|-------------|
| Monthly meter charge approved in DW19-084 - | \$ 24.34 |
| Average Single Family Consumption per DW19-084 (CCF) - | 7.77 |
| Volumetric Charge approved in DW#19-084 - | \$ 4.03 |
| Ave. Single Family monthly bill with rates approved in DW19-084 - | \$ 55.65 |

| year bond with interest rate of | | o year bond with a proj 21 through 2023 Capital | ected interest rate of Expenditures unless funding is via an SF | | pased on a bond issuance in April 2021 | |
|--|-----------------------------------|--|--|---------------|--|---------------|
| \$ 32,800 year bond with interest rate of | Milford Annual Fixed Chg 3.38% | \$ 81,00 | 00 A-B Annual Fixed Chg | \$ 371,430 | PEU Annual Fixed Chg | \$ 121,213 |

Pennichuck Water Works, Inc. DW 21-xxx 2021 QCPAC Filing 2/11/2021

| 2/11/2021 | | | 1 | 1 | _ | | | | | | 1 | |
|--|---|---------------------------------------|--------------|--|-------------|-------------------|-------------------|----------------------|-----------------------|------------------------|----------|--|
| | | | | | | | | | | | | QCPAC |
| | | | | | | | | | | | | Eligible |
| | | | | | | | | | Final QCPAC | | | Property Tax |
| | | | | | | | Board Approved | | eligible Project | | | Expense |
| | | | Financing | NHPUC | Date of | Board Approved | 2019 Capex Budget | Eligible for 2020 | Costs as of | | | (Based on |
| Project Name/Description | n i en en en | W 101 # | Docket No. | Order No. | | | | | 12/31/2019 | Community | Taxable | Tax Rate (1) (2rtly Update) Explanation for Change/Addition/Deletion since Petition Filing |
| Troject runne, Description | Project Description | Work Order # | Docherrion | Order 110. | THE CO GIGE | 2017 Gupen Buuget | Revised 0/21/17 | Qui i i o our charge | 12/01/201/ | Community | Tuttore | The time (1) Quay optimic) |
| New Services (10) | Single Family, Owner Build, New Homes | 20 workorders | DW17-183 | 26,101 | 2/2/2018 | \$ 46,000 | \$ 46,000 | Yes | \$ 69,936 | Various | Yes | \$ 27.02 \\$ 1,890 \ 12 installed through 12/31. |
| Renewed Services (20) | Replacement of failed services | 21, 22 & 23 workorders | DW17-183 | 26,101 | 2/2/2018 | \$ 92,000 | \$ 92,000 | Yes | \$ 101,648 | Various | Yes | \$ 27.02 \$ 2,747 29 installed through 12/31. |
| Hydrants (10) | Replacement of non-functional hydrants | 30 & 31 workorders | DW17-183 | 26,101 | 2/2/2018 | \$ 50,000 | \$ 50,000 | Yes | \$ 40,209 | Various | Yes | \$ 27.02 \$ 1,086 7 installed through 12/31. |
| Gates (10) | Replacement of Failed Gate Valves | 12 & 13 workorders | DW17-183 | 26,101 | 2/2/2018 | \$ 40,000 | \$ 40,000 | Yes | \$ 10,573 | Various | Yes | \$ 27.02 \$ 286 4 installed through 12/31. |
| Radios (2750) | Replace out of warrantee failed radio meter readers. | 54 workorders | DW17-183 | 26,101 | 2/2/2018 | | | | \$ 48,942 | | Yes | \$ 27.02 \$ 1.322 Deferred Radio Replacement program (Radios are 12 years old). 495 replaced through 12/31. |
| Meters (Growth) 5/8"-2" - Core & CWS (480) | Meters (Growth) 5/8"-2" - Core & CWS (480) | 50 workorders | DW17-183 | 26,101 | 2/2/2018 | | | | | 1 | Yes | e 27.02 e 5.504 |
| Meters 5/8"-6" Lead Meter Exchange - Core & CWS (3000) | Meters 5/8"-6" Lead Meter Exchange - Core & CWS (3000) | 50 workorders | DW17-183 | 26,101 | 2/2/2018 | | | 1 00 | \$ 207,025 | Various Various | Yes | \$ 27.02 \$ 3,394 1732 installed/repalced through 12/31. |
| | | 1901598 | DW17-183 | 26,101 | 2/2/2018 | \$ 75,000 | | | \$ 66,204 | | Yes | \$ 28.86 \$ 1.911 |
| Entrance Security Gate & Perimeter Fence | Entrance Security Gate & Perimeter Fence | | | 26,101 | | | | | | | | |
| Replace 13 yr Vac Trailer - Safety & Maint issue | Replace 13 yr Vac Trailer - Safety & Maintenance issue | 1917721 | DW17-183 | | 2/2/2018 | | | Yes | \$ 29,710 | | Yes | \$ 28.86 \$ 857 Then Company was leasing a vac machine for 2019. It was decided to buy out the lease. |
| Protectus Meter Upgrade | Spitbrook Rd Protectus Meter Upgrade | n/a | DW17-183 | 26,101 | 2/2/2018 | \$ 21,000 | | - 40 | ş - | Nashua | Yes | \$ 26.23 \$ - Deferred until 2020. |
| Pipe Freeze Kits (2) | RoFrost Turbo 2 Electric Pipe Freeze Kts | 1915135 | DW17-183 | 26,101 | 2/2/2018 | \$ - | \$ 7,400 | | \$ 6,970 | | No | \$ 26.23 \$ - Existing Freeze kits have failed and not repairable 15+ years old. |
| Plate Compactors (4) | Replacement of failed compactors unable to obtain repair parts. | 1918551 | DW17-183 | 26,101 | 2/2/2018 | \$ - | \$ 17,500 | - 40 | \$ 15,888 | 1 THOTTELL | No | \$ 26.23 \$ - Existing units have failed and parts for repair are not available. |
| Network Digital Display for Distribution Department | Relocate & network display to Assignment room & new 75" display in Conference Room. | 1917719 | 0.1 DSRR | | | | \$ 2,700 | No | \$ 2,597 | Merrimack | No | \$ 28.86 \$ - Existing steel sander rusted through and was replaced with new sander. |
| Poly-Caster Sander | Poly-Caster Sander | 1917720 | DW17-183 | 26,101 | 2/2/2018 | | | Yes | \$ 7,460 | Merrimack | No | \$ 28.86 \$ - |
| 2018 Dodge Ram 2500 (#313) | Carryover Costs to 2018 projects not recovered in prior QCPAC. | 1907613 | 0.1 DSRR | | | \$ - | \$ 1,969 | No | \$ 1,969 | Merrimack | No | \$ 28.86 \$ - |
| 2018 Dodge Ram 2500 (#314) | Carryover Costs to 2018 projects not recovered in prior OCPAC. | 1907612 | 0.1 DSRR | | | S - | \$ 1,969 | No | \$ 1,969 | Merrimack | No | \$ 28.86 \$ - |
| 2018 Dodge Ram 2500 (#315) | Carryover Costs to 2018 projects not recovered in prior QCPAC. | 1907615 | 0.1 DSRR | | | s - | \$ 2,542 | No | \$ 2,542 | | No | \$ 28.86 \$ - |
| 2018 Dodge Ram Promaster 1500 Cargo Van (#347) | Carryover Costs to 2018 projects not recovered in prior OCPAC. | 1907987 | 0.1 DSRR | | | \$. | \$ 1,060 | | \$ 1,060 | | No | \$ 28.86 S - |
| 2018 Dodge Ram Promaster 1500 Cargo Van (#348) | Carryover Costs to 2018 projects not recovered in prior QCFAC. | 1907988 | 0.1 DSRR | | | e | \$ 1,000 | | \$ 1,060 | | No | \$ 28.86 \$ |
| 2018 Dodge Ram Promaster 1500 Cargo Van (#349) | Carryover Costs to 2016 projects not recovered in prior QCPAC. | 1907989 | 0.1 DSRR | | | e | \$ 1,060 | 110 | \$ 1,060 | | No | \$ 28.86 \$ - |
| | | | | | | 9 - | | | | | | |
| Meter Data Logging Equipment | Carryover Costs to 2018 projects not recovered in prior QCPAC. | 1907885 | 0.1 DSRR | + | + | - 0 | \$ 2,849 | No | \$ 2,850 | Various | Yes | \$ 27.02 \$ 77 Equipment used in leak detection. |
| Gilman Street | Replace 1470 LF of 8 inch CI with 12 inch DIPCL. | 1607377, 1702856, 1806433, 1901176 | DW17-183 | 26,101 | 2/2/2018 | \$ 550,000 | \$ 615,000 | Yes | \$ 661,270 | Nashua | Yes | \$ 26.23 Pavement contribution to the City of Nashua paid in 2018 (\$127,264). |
| | | | 1 | · · | 1 | | - | | | . | 1 | \$ 17,345 Instruction contribution to the City of Evasida paid in 2010 (\$127,204). |
| Elm Street | Replace 875 LF of 6 inch CI with 12 inch DIPCL. | 1702871, 1812907, 1901599 | DW17-183 | 26,101 | 2/2/2018 | \$ 559,350 | \$ 255,000 | Yes | \$ 373,328 | Nashua | Yes | \$ 26.23 Pavement contribution to City of Nashua of \$67,650 included. |
| Monroe Street | Replace 310 LF of 4 inch CI with 8 inch DIPCL. | 1702866, 1812908, | DW17-183 | 26,101 | 2/2/2018 | \$ 122,270 | \$ 120,000 | Yes | \$ 97,541 | Nashua | Yes | \$ 26.23 Pavement contribution to City of Nashua of \$18,000 included. |
| | * | 1901602 | | , | , . , | | , | | | | - | \$ 2,558 |
| Garden Street | Replace 74 LF of 8" CIP with 8 inch DIPCL and reconnect City Hall Fire serviced missed during | 1918487 | DW17-183 | 26,101 | 2/2/2018 | \$ | 9 | Yes | \$ 61,918 | Nashua | Yes | Connecting Nashua City Hall sprinkler connection that was missed during the Elm St project. Also \$ 26.23 replaces a portion of the Garden Street water main. Per City almost all work had to be performed on |
| Galden Street | Elm St work. | 1710407 | DW17-103 | 20,101 | 2/2/2010 | - | , | 103 | 9 01,710 | rvasiida | 103 | \$ 1,624 Sunday nights. Final paving in Spring 2020 \$18,000 not included. |
| | | 1702869, 1812909, | 1 | | + | | | | | - | | 3 1,024 Sunday nights. Final paving in Spring 2020 \$10,000 not included. |
| W.Pearl Street | Replace 340 LF of 8" CIP with 120 LF of 12" DIPCL and 220 LF of 8" DIPCL. | 1901603 | DW17-183 | 26,101 | 2/2/2018 | \$ 138,050 | \$ 140,000 | Yes | \$ 178,120 | Nashua | Yes | \$ 26.23 Pavement contribution to City of Nashua of \$27,200 included. |
| ** 10 | n i contro del lor il ci i persor | | DW47.400 | 26 101 | 2 /2 /2010 | | | ** | | | | ¥ 1,072 |
| Harvard Street | Replace 800 LF of 8 inch CI with 8 inch DIPCL. | 1814742, 1901604 | DW17-183 | 26,101 | 2/2/2018 | \$ 247,500 | | Yes | \$ 259,668 | | Yes | \$ 26.23 \$ 6,811 Pavement contribution to City of Nashua of \$38,000 included. |
| West Hollis Street Check Valve Pit | Install at the int of W. Hollis St and Panther Dr. | n/a | DW17-183 | 26,101 | 2/2/2018 | \$ 88,000 | S - | Yes | | Nashua | Yes | \$ 26.23 \$ - Deferred to future year to accommodate additional water main projects. |
| NWS Improvements - Manchester Street | Add 2700 LF of 24 inch DIPCL on Manchester St. | 1806805, 1900422 | | | | \$ 660,000 | \$ 660,000 | Yes | \$ 507,141 | Nashua | Yes | \$ 26.23 Added security fence replacement (1,700 LF) along Manchester Street - some work will carry over into |
| 14W5 Improvements - Mantenester Street | That 2700 12 Of 27 men 211 Of Of Mantercote Of | 1000003, 1700422 | | | | 9 000,000 | 9 000,000 | 100 | 9 307,111 | 141011411 | 103 | \$ 13,302 2020 included. |
| NWS Improvements -Route 101A and Route 121 (Amherst) | Add 2200 LF of 12 inch DIPCL to close loop. | 1806810, 1901607 | DWGTF | | | \$ 550,000 | \$ 550,000 | Yes | \$ 548,252 | Nashua | Yes | \$ 26.23 \$ 14,381 Adjusted cost based on final installed materials in 2020 - some work will carry over into 2020. |
| | | 1702835, 1806434, | Financing | 26,197 | 12/3/2018 | | | | | | | \$ 26.23 |
| NWS Improvements - Tinker Road | Replace 825 LF of 16 inch AC with 825 LF of 24 inch DIPCL. | 1900421 | DW18-133 | , | , -, | \$ 522,500 | \$ 522,500 | Yes | \$ 369,378 | Nashua | Yes | \$ 9,689 Adjusted cost based on final installed materials in 2020 - some work will carry over into 2021. |
| NWS Improvements - Deerwood Drive & Amherst St. Intersection | Replace 1300 LF of 12 inch AC with 1300 LF of 24 inch DIPCL. | 1806808, 1901609 | 25 11 10 155 | | | \$ 467,500 | \$ 467,500 | Yes | \$ 158,469 | Nashua | Yes | \$ 26.23 \$ 4,157 Adjusted cost based on final installed materials in 2020 - some work will carry over into 2022. |
| NWS Improvements - Deerwood Dr. Northwest Blvd Loop | Add 3400 LF of 20 inch HDPE including RR pipe jacking. | 1806806, 1901610 | | | | \$ 635,800 | \$ 635,800 | Yes | \$ 1,302,871 | Nashua | Yes | \$ 26.23 \$ 34,174 Adjusted cost based on final installed materials in 2020 - some work will carry over into 2023. |
| NWS Improvements Ponemah Rd/Route 101A Loop | Add 2200 LF of 12 inch DIPCL to close two loop major dead ends. | 1901611 | | | | \$ 484,000 | | | \$ - | Nashua | Yes | \$ 26.23 \$ - Project cancelled and replaced with piping in projects above. |
| | | | | | | Incuded in NWS | Incuded in NWS | | | | | |
| NWS Improvements - Engineering Design and Inspection | Engineering and Inspection of NW System watermain improvements. | | 0.1 DSRR | | | Improvemts above | Improvemts above | No | \$ 174,347 | Nashua | Yes | \$ 26.23 \$ 4,573 |
| City of Nashua Sewer - Chase Street | Replace 470 LF of 6 inch CIP with 470 LF of 6 inch DIPCL. | 1829925, 1900484 | DW17-183 | 26,101 | 2/2/2018 | \$ 176,000 | \$ 190,000 | Yes | \$ 175,370 | Nashua | Yes | \$ 26.23 \$ 4,600 Project Complete |
| City of Nashua Sewer - Chase Street | Replace 710 LF of 6 inch CIP with 710 LF of 12 inch DIPCL. | 1814367, 1915975 | DW17-183 | 26,101 | 2/2/2018 | \$ 242,000 | | Yes | \$ 156,252 | Nashua | Yes | \$ 26.23 \$ 4,000 Project Complete \$ 26.23 \$ 4,098 Pavement contribution to City of Nashua of \$20,832 included. |
| | | | | 26,101 | 2/2/2018 | \$ 990,000 | | | | | | |
| City of Nashua Sewer - Lake Street | Replace 2950 LF of 6 inch CI with 12 inch DIPCL. | 1814740, 1915976 | DW17-183 | | | \$ 990,000 | 7,110,000 | Yes | \$ 1,608,850 | | Yes | |
| City of Nashua Paving - Vilna St. | Replace 15 LF of 1.5 inch steel with 2 inch HDPE for paving program. | 1915860 | DW17-183 | 26,101 | 2/2/2018 | \$ - | \$ 16,750 | | \$ 17,400 | | Yes | \$ 26.23 \$ 456 Includes final paving - complete |
| Interconnection to BWC | Carryover Costs to 2018 projects not recovered in prior QCPAC. | 1900429 | 0.1 DSRR | | | \$ - | \$ 3,400 | | \$ - | Nashua | Yes | \$ 26.23 \$ - Carry over costs from project completed in 2018, pay for with 0.1 DSRR. |
| Woodward Avenue | Carryover Costs to 2018 projects not recovered in prior QCPAC. | 1910117 | 0.1 DSRR | | | \$ - | \$ 2,200 | No | \$ - | Nashua | Yes | \$ 26.23 \$ - Carry over costs from project completed in 2018, pay for with 0.1 DSRR. |
| Ritter Street | Carryover Costs to 2018 projects not recovered in prior QCPAC. | 1910116 | 0.1 DSRR | | | \$ - | \$ 6,890 | No | \$ - | Nashua | Yes | \$ 26.23 \$ - Carry over costs from project completed in 2018, pay for with 0.1 DSRR. |
| Factory Street | Carryover Costs to 2018 projects not recovered in prior QCPAC. | 1909270 | 0.1 DSRR | | | \$ - | \$ 20,209 | No | \$ 20,209 | Nashua | Yes | \$ 26.23 \$ 530 Carry over costs from project completed in 2018, pay for with 0.1 DSRR. |
| Taylor Street | Carryover Costs to 2018 projects not recovered in prior QCPAC. | 1906988 | 0.1 DSRR | | | \$ - | \$ 233 | No | \$ 233 | Nashua | Yes | \$ 26.23 \$ 6 Carry over costs from project completed in 2018, pay for with 0.1 DSRR. |
| Shakespeare HP System Exp | Carryover Costs to 2018 projects not recovered in prior QCPAC. | 1901942 | 0.1 DSRR | | | ş - | \$ 257 | No | \$ 257 | Nashua | Yes | \$ 26.23 \$ 7 Carry over costs from project completed in 2018, pay for with 0.1 DSRR. |
| City of Nashua Paving - Mill St. | Abandon 1.5" Steel water main and switch customers over to parrallel 8" water main. | 1915006 | 0.1 DSRR | | | \$ - | \$ 17,900 | No | \$ 17,321 | Nashua | No | \$ 26.23 \$ - Includes final paying - complete Charged to Cost of Removal, Pay for with 0.1 DSRR. |
| C' CY I D' E II C | D. L. 25 C. CAII. | 4000247 | DW47.400 | 26.404 | 2 /2 /2010 | | | *** | 2 54,000 | | ** | Ferryalls was replaced last year to the limit of Canal St - complete this is phase 2 extending into Canal St |
| City of Nashua Paving - Ferryalls Ct | Replace 35 ft of 1" copper water main crossing Canal St with a 4" DIPCL Water Main. | 1908316 | DW17-183 | 26,101 | 2/2/2018 | \$ - | \$ 58,580 | Yes | \$ 51,988 | Nashua | Yes | \$ 26.23 \$ 1.364 complete. |
| City of Nashua Paving - Salvail Ct | Replace 1.5" Steel water main and install a 4" DIPCL Water Main (contaminated area). | 1908317 | DW17-183 | 26,101 | 2/2/2018 | S - | \$ 95,000 | Yes | \$ 79,258 | Nashua | Yes | \$ 26.23 \$ 2,079 Includes final paving - complete |
| City of Nashua Paving - Salvan Ct City of Nashua Paving - Nutt St - Final Paving and restoration | Pavement restoration and final landscaping | 1702842, 1907682 | DW17-183 | 26,101 | 2/2/2018 | | \$ 13,000 | | \$ 6,549 | | Yes | \$ 26.23 \$ 172 \$6,240 of this will be recovered from Liberty Gas. |
| City of Nashua Paving - Cheshire St - Final Cleanup | Fence repair and site clean up | 1908353 | DW17-183 | 26,101 | 2/2/2018 | | \$ 1,400 | | \$ 486 | | Yes | \$ 26.23 \$ 13 Completion of 2018 Workorder Project |
| City of Nashua - Simon St at Will St Upgrade | Abandon pump station pit and clean up intersection pipe work for improved flows. | 1915974 | DW17-183 | 26,101 | | | \$ 215,100 | | \$ 174.754 | | Yes | \$ 26.23 \$ 4,584 Includes base paving - Finished paving required in 2020 not included. |
| City of Nashua - Shinon St at Win St Opgrade City of Nashua Paving - Main St. | Main St final paving at intersection with Factory St. Carry over from 2018. | 1900348, 1915859 | DW17-183 | 26,101 | 2/2/2018 | | \$ 24,500 | | \$ 1,402 | | Yes | \$ 26.23 \$ 4,364 includes base paving - rimshed paving required in 2020 not included. |
| City of Nashua Paving - Main St. City of Nashua Paving - Lemon St - Carry over from 2017 | Paving only - Carry over from 2017. | 1702875, 1915858 | DW17-183 | 26,101 | 2/2/2018 | | \$ 24,850 | | \$ 18,316 | | Yes | \$ 26.23 \$ 480 Final paving bill for this project. |
| | | 1915857 | DW17-183 | 26,101 | 2/2/2018 | | \$ 37,000 | | \$ 37.084 | | Yes | \$ 26.23 \$ 973 Final paving bill for this project. |
| City of Nashua Paving - Lowell St - Carry over from 2017 City of Nashua Paving - Green St - Carry over from 2017 | Paving only - Carry over from 2017. | 1915857 | | 26,101 | 2/2/2018 | | \$ 37,000 | - 40 | \$ 37,084 \$ 8,906 | | | |
| | Paving only - Carry over from 2017. | 1915844 1915845 | DW17-183 | 26,101 | 2/2/2018 | | \$ 10,000 | Yes | | | Yes | |
| City of Nashua Paving - Beard St - Carry over from 2017 | Paving only - Carry over from 2017. | | DW17-183 | | | ə - | | | \$ 21,689 | | Yes | |
| City of Nashua Paving - Terrace St - Carry over from 2017 | Paving only - Carry over from 2018. | 1915843 | DW17-183 | 26,101 | 2/2/2018 | \$ - | \$ 20,500 | | \$ 10,600 | | Yes | \$ 26.23 \$ 278 Final paving bill for this project. |
| City of Nashua Paving - Warren St - Carry over from 2017 | Paving only - Carry over from 2017. | 1702870, 1915842 | DW17-183 | 26,101 | 2/2/2018 | \$ - | \$ 19,500 | Yes | \$ 16,762 | Nashua | Yes | \$ 26.23 \$ 440 Final paving bill for this project. |
| | | 1502180, 1601369, | DWGTF | | 1 . | | | | | 1 | | Bids higher than Engineers estimate due to tight contractor market and changes in final permit |
| Merrimack River Intake | Year Round Raw Water Intake from Merrimack River. | 1701489, 1807360, | Financing | 26,247 | 5/3/2019 | \$ 5,500,000 | \$ 6,600,000 | Yes | \$ 6,299,764 | Merrimack | Yes | \$ 28.86 \$ 181,811 requirements that impacted initial design that engineers estimate was based on. An estimated amount o |
| | | 1901612, 1908505 | DW19-026 | <u> 1 </u> | <u> </u> | <u> </u> | <u> </u> | | | <u> </u> | <u> </u> | \$362,000 of clean up work to be carryed into 2020. |
| Asset Management Outside GIS Consulting Services | Outside GIS Consulting Services | 1900414 | DW17-183 | 26,101 | 2/2/2018 | \$ 60,000 | \$ 60,000 | Yes | \$ 7,961 | Various | No | \$ 27.02 \$ - |
| Asset Management Water Modeling Consulting | Water Modeling Consulting | 1900414 | DW17-183 | 26,101 | 2/2/2018 | \$ 36,000 | | | S - | Various | No | \$ 27.02 \$ - |
| Asset Management Trimble R2 Units | Trimble R2 Units | 1900414 | DW17-183 | 26,101 | 2/2/2018 | | | | S - | Various | Yes | \$ 27.02 \$ - |
| WAM/Synergen Upgrade Cost & Functionality Study | WAM/Synergen Upgrade Cost & Functionality Study | 1900568, 1910219 | 0.1 DSRR | 1 | | \$ - | \$ 45,000 | | \$ 27,804 | | No | \$ 27.02 \$ - Study to select replacement of Synergyn CMMS system which goes unsupported at the end of 2020. |
| Investment in developer installed services at 1xannual revenue | Per tariff | n/a | DW17-183 | 26,101 | 2/2/2018 | \$ 60,000 | | | \$ 90,434 | | Yes | \$ 27.02 \$ 2.444 |
| 2019 Ford Escape | Replace Totaled 2015 Ford Escape | 1907481 | DW17-183 | 26,101 | | | \$ 23,998 | | \$ 23.998 | | No | \$ 28.86 \$ - Vehicle in accident. Vehicle totalled and needed to be replaced. |
| | | 1824545, 1900432 | 0.1 DSRR | 20,101 | 2/2/2010 | \$ 25,000 | | | e 25,798 | Merrimack Merrimack | No No | \$ 28.86 \$ - Vehicle in accident. Vehicle totalled and needed to be replaced. \$ 28.86 \$ - Design Engineering Work for 2020 Dam rehabilitation |
| Bower Dam reconstruction and engineering | Bower Dam reconstruction and engineering | 1024343, 1900432 | U.I DSKK | + | + | 25,000 | g 25,000 | INO | <i>a</i> - | wierrimack | NO | |
| Bowers Dam Letter of Defficiency design/analysis | Perform Hydraulic and Hydrology analysis, design improvements to address spillway capacity. | 1901734, 1907078 | 0.1 DSRR | | 1 | 1 | \$ 35,000 | No | e | Merrimack | No | Letter of deficiency issued by the NHDES Dam Bureau regarding inadequate spillway capacity for this |
| DOWERS D'AIN LETTET OF DEFICIENCY DESIGN/ ANALYSIS | retionii Hydraulic and Hydrology analysis, design improvements to address spillway capacity. | 1901/34, 190/0/8 | 0.1 D8KK | + | + | | ə 55,000 | INO. | ş - | Merrimack | No | The state of the s |
| H : D I : (D (C: 1: / 1: | | 1007074 | 0.4 DODE | | 1 | | | N.7 | | | ., | Letter of deficiency issued by the NHDES Dam Bureau regarding inadequate spillway capacity for this |
| Harris Dam Letter of Defficiency design/analysis | Perform Hydraulic and Hydrology analysis, design improvements to address spillway capacity. | 1907076 | 0.1 DSRR | 1 | + | 1 | \$ 40,000 | No | > - | Merrimack | No | \$ 28.86 \$ - dam. |
| C I D IV C CD C I I I I I | | 400 | 0.4 = 0=== | | 1 | | | | | | | Letter of deficiency issued by the NHDES Dam Bureau regarding inadequate spillway capacity for this |
| Supply Pond Letter of Deficncy design/analysis | Perform Hydraulic and Hydrology analysis, design improvements to address spillway capacity. | 1907077 | 0.1 DSRR | 1 | + | 1 | \$ 35,000 | No | > - | Merrimack | No | \$ 28.86 \$ - dam. |
| | | 60, 61, 62 & 63 | DW17-183 | 26,101 | 2/2/2018 | 1. | | | | | 1 | |
| Booster Pump replacement/rebuild | Booster Pump replacement/rebuild | workorders | | , | | \$ 40,000 | | Yes | \$ 11,260 | Various | Yes | \$ 27.02 \$ 304 0 pumps replaced, 5 rebuilds through 12/31/2019. |
| Booster Pump replacement/rebuild | WTP Rebuild pump end, Intermediate Pump #3 | 1914986 | DW17-183 | 26,101 | 2/2/2018 | \$ - | \$ 24,555 | Yes | \$ 24,554 | Nalshua | Yes | \$ 26.23 \$ 644 Pump Bearings failed on Intermediate Booster Pump at WTP. |
| | | | | | | | | | | | | |

| Well Pump replacements | Well Pump replacements | 60, 61, 62 & 63 workorders | DW17-183 | 26,101 | 2/2/2018 \$ | 15,000 | \$ 15,000 | Yes | \$ 16,995 | Various | Yes | \$ 27.02 | \$ 459 4 replaced through 12/31/2019. |
|--|--|--|--|--|--|-----------|------------------------|-------------------------|---|--|----------------------------------|--|---|
| Chemical Feed pump replacements | Chemical Feed pump replacements | 60, 61, 62 & 63 workorders | DW17-183 | 26,101 | 2/2/2018 | 10,000 | \$ 10,000 | Yes | \$ - | Various | Yes | \$ 27.02 | \$ - No replacements occurred during 2019. |
| Upgrade SCADA historian software, new hardware | Upgrade SCADA historian software, new hardware | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 150,000 | \$ 150,000 | Yes | \$ - | Various | Yes | \$ 27.02 | |
| Twin Ridge rebuild softener system, install radon treatment. | Twin Ridge rebuild softener system, install radon treatment. | 1907731 | DW17-183 | 26,101 | 2/2/2018 \$ | 50,000 | \$ 50,000 | Yes | \$ 11,112 | Plaistow | Yes | \$ 25.93 | |
| Misc. Structural Improvements | Misc. Structural Improvements | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 20,000 | \$ 10,700 | Yes | \$ - | Various | Yes | \$ 27.02 | |
| Misc. Structural Improvements | Replace Fire Alarm System CPU. | 1907102, 1910221 | DW17-183 | 26,101 | 2/2/2018 \$ | - | \$ 9,300 | Yes | \$ 9,251 | Nashua | Yes | \$ 26.23 | |
| Misc. Structural Improvements | Replace Natural Gas Heater, High Pine Station. | 1917491 | DW17-183 | 26,101 | 2/2/2018 | | | Yes | \$ 4,050 | Nashua | Yes | \$ 26.23 | \$ 106 Failed heater. Part of run rate Misc Structural Improvements. |
| Miscellaneous Equipment Purchased | Miscellaneous Equipment Purchased | n/a | DW17-183 | 26,101 | 2/2/2018 | 17,500 | \$ 9,928 | Yes | s - | Various | Yes | \$ 27.02 | s - |
| Miscellaneous Equipment Purchased | Purchase 2 Gas Monitors for WS Confined Space Program. | 1907611 | DW17-183 | 26,101 | 2/2/2018 \$ | - | \$ 4,568 | Yes | \$ 4,568 | Nashua | Yes | \$ 26.23 | \$ 120 Routine Miscellaneous Equipment purchase |
| Miscellaneous Equipment Purchased | Purchase Entry Tripod and Winch for WS Confined Space Program. | 1910296 | DW17-183 | 26,101 | 2/2/2018 \$ | - | \$ 3,004 | Yes | \$ 3,004 | Nashua | Yes | \$ 26.23 | |
| Miscellaneous Equipment Purchased | Replace Chlorine Analyzer, Twin Ridge | 1915362 | DW17-183 | 26,101 | 2/2/2018 \$ | - | S - | Yes | \$ 4,449 | Nashua | Yes | \$ 26.23 | |
| Miscellaneous SCADA/Electrical | Miscellaneous SCADA/Electrical | n/a | DW17-183 | 26,101 | 2/2/2018 s | 30,000 | \$ 30,000 | Yes | S - | Various | Yes | \$ 27.02 | |
| Miscellaneous SCADA/Electrical | Replace VFD, Pump #1 Bowers Landing | 1916547 | DW17-183 | 26,101 | 2/2/2018 \$ | - | S - | Yes | \$ 2,118 | Various | Yes | \$ 27.02 | |
| WTP Structural/HVAC | WTP Structural/HVAC | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 10,000 | \$ 10,000 | Yes | \$ - | Nashua | Yes | \$ 26.23 | |
| WTP Structural/HVAC | Replace Heat Exchanger, WTP Office | 1917470 | DW17-183 | 26,101 | 2/2/2018 \$ | 10,000 | \$ - | Yes | \$ 8 328 | Nashua | Yes | \$ 26.23 | |
| Purchase new lab equipment | Purchase new lab equipment | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 20.000 | \$ 18 500 | Yes | \$ 0,320 | Nashua | Yes | \$ 26.23 | |
| Purchase new lab equipment | HACH DR 900 | 1908450 | DW17-183 | 26,101 | 2/2/2018 \$ | 20,000 | \$ 1500 | Yes | \$ 1,435 | Nashua | Yes | \$ 26.23 | |
| Miscellaneous Fencing and Security projects | Miscellaneous Fencing and Security projects | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 10,000 | ų 1,500 | Yes | \$ 1,433 | Various | Yes | \$ 27.02 | 9 30 |
| Miscellaneous Fencing and Security projects | WTP Perimeter Fence Carryover | 1901608 | DW17-183 | 26,101 | 2/2/2018 \$ | 10,000 | \$ 10,000 | Yes | \$ 6,744 | Various | Yes | \$ 27.02 | \$ 187 |
| Purchase new vehicle for Water Supply Electrician. | Purchase of a new vehicle for the Water Supply Electrician. | 1918314 | DW17-183 | 26,101 | 2/2/2018 \$ | | \$ - | Yes | \$ 28,897 | Nashua | No | \$ 26.23 | |
| Replace Ferric Chloride Feed pump. | Replace Ferric Chloride Feed pump. | 1901613 | DW17-183 | 26,101 | 2/2/2018 \$ | , - | \$ | Yes | \$ 1,713 | Nashua | Yes | \$ 26.23 | |
| replace Ferrie Chioride Feed pump. | replace Ferrie Graonde Feed pump. | 1701013 | DW17-103 | | | , | , | 103 | 9 1,/13 | i vasiiua | 103 | 9 20.23 | |
| Carbon media changeout-filters 1 & 2. | Carbon media changeout-filters 1 & 2 | 1901614 & 1916780 | DW17-183 | 26,101 | 2/2/2018 \$ | 1,000,000 | \$ 1,050,000 | Yes | \$ 990,662 | Nashua | Yes | \$ 26.23 | New PFAS regulations require that all filter media be changed out to ensure compliance with the new PFOA standard which is slated to go into effect on October 1, 2019. Filter media replacement being staged over 6 month intervals. 8 of 12 filters to be replaced in 2019, remaining four filters to be replaced in Spring 2020. |
| Add 3rd pump at Main Dunstable Booster, replace 1 existing. | Add 3rd pump at Main Dunstable Booster, replace 1 existing. | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 120,000 | \$ - | Yes | \$ - | Nashua | Yes | \$ 26.23 | Addition of 3rd pump deferred or elminated until future date subject to performance of rebuilt 2nd pump |
| Rebuild Main Dunstable pump #1 | Rebuild Pump #1, Main Dunstable, Nashua | 1901615 | DW17-183 | 26,101 | 2/2/2018 \$ | - | \$ - | Yes | \$ 15,995 | Nashua | Yes | \$ 26.23 | \$ 420 |
| | Replace 20 year old package booster station pumps and piping. Piping is steel which is beginning | | | 26 101 | 2/2/2019 | | | | | | | | |
| Replace Kessler Farm booster pump package. | to pit. | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 75,000 | \$ 75,000 | Yes | \$ - | Nashua | Yes | \$ 26.23 | \$ - Project deferred until 2020 |
| Stump Pond Subwatershed assessment | Stump Pond Subwatershed assessment | n/a | 0.1 DSRR | | \$ | 25,000 | \$ 25,000 | No | \$ - | Merrimack | No | \$ 28.86 | |
| Stump Pond Stormwater BMP | Stump Pond Stormwater BMP | 1908373 | 0.1 DSRR | | \$ | 20,000 | \$ 20,000 | No | \$ 1,310 | Merrimack | No | \$ 28.86 | \$ - Study - Pay for with 0.1 DSRR |
| Public Education -Watershed signage | Public Education -Watershed signage | n/a | 0.1 DSRR | | \$ | 20,000 | \$ 20,000 | No | | Merrimack | No | \$ 28.86 | |
| Replace 2 Hach Turbidimeters and associated control module | Replace 2 Hach Turbidimeters and associated control module. | 1901618 | DW17-183 | 26,101 | 2/2/2018 \$ | 10,000 | \$ 10,000 | Yes | \$ 7,978 | Nashua | Yes | \$ 26.23 | |
| Camera System Upgrade | Carryover Costs from 2018 Project. | 1819073, 1900413 | 0.1 DSRR | | \$ | - | \$ 7,500 | No | \$ 9,756 | Nashua | Yes | \$ 26.23 | |
| Dredging Feasibility Study | Carryover Costs from 2018 study. | 1807145, 1901939 | 0.1 DSRR | | \$ | - | \$ 24,600 | No | \$ 39,520 | Merrimack | No | \$ 28.86 | |
| Source Water Protection Study | Carryover Costs from 2018 study. | 1901740 | 0.1 DSRR | | \$ | - | \$ 12,000 | No | \$ 11,000 | Merrimack | No | \$ 28.86 | |
| Aquatic Vegetation Assessment | Carryover Costs from 2018 study. | 1807147, 1906080 | 0.1 DSRR | | \$ | - | \$ 4,200 | No | \$ 9,545 | Merrimack | No | \$ 28.86 | \$ - Study - Pay for with 0.1 DSRR |
| Fiber Conduit between WTP and Dist | Install Fiber Conduit between Water Treatment Plant and Distribution to eliminate ongoing Comcast Ethernet line to one of the buildings. | 1901619 | DW17-183 | 26,101 | 2/2/2018 | \$ 40,000 | \$ 40,000 | Yes | \$ 22,896 | Nashua | Yes | \$ 26.23 | \$ 601 |
| Munis FER Enhancements | Munis FER Enhancements | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 35,000 | \$ 35,000 | Yes | \$ - | Merrimack | No | \$ 28.86 | No upgrades enhancements will be completed in 2019. |
| Wireless Access Points for Main Office | Wireless Access Points for Main Office | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 14,000 | \$ - | Yes | \$ - | Merrimack | No | \$ 28.86 | |
| KVM for Data Center | Keyboard Video Mouse for Data Center so that multiple servers can be accessed by one console | | DW17-183 | 26,101 | 2/2/2018 | | | | | | | | |
| KVM for Data Center | without having to move the Monitor/Keyboards/ Mouse connections each time. | n/a | DW17-183 | | Ş | 3,500 | \$ - | Yes | \$ - | Merrimack | No | \$ 28.86 | \$ - |
| IOS Charging Station | Charging Station for multiple iPads to allow for upgrades across multiple devices concurrently. | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 1,200 | \$ - | Yes | \$ - | Merrimack | No | \$ 28.86 | ş - |
| Digital Signage for Distribution | Digital Signage for Distribution allowing notices and schedules to be more prominently displayed. | 1908376 | 0.1 DSRR | 26,101 | 2/2/2018 \$ | 2,000 | \$ 1,270 | No | \$ - | Merrimack | No | \$ 28.86 | s - |
| | A pilot to determine whether a Virtual Desktop Infrastructure would be feasible for our | | DW17-183 | 26,101 | 2/2/2018 | | | | | | | | |
| VDI Pilot | environment. | n/a | | 1 | \$ | 12,000 | \$ - | Yes | \$ - | Merrimack | No | \$ 28.86 | \$ - |
| Misc Hardware | Misc Hardware | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 20,000 | \$ 20,000 | Yes | \$ - | Merrimack | No | \$ 28.86 | |
| Misc Hardware | Mount in Vehicles | 1908308 | 0.1 DSRR | 1 | | | \$ - | No | \$ 1,248 | Merrimack | No | \$ 28.86 | |
| | 2 iPad Pros for IS Testing | 1908309 | 0.1 DSRR | | | | \$ - | No | \$ 2,298 | Merrimack | No | \$ 28.86 | \$ - |
| Misc Hardware | | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 12,000 | | Yes | \$ - | Merrimack | No | \$ 28.86 | |
| Misc Software | Misc Software | , | | 26 101 | 2/2/2018 \$ | 8,000 | \$ 8.000 | Yes | \$ - | Merrimack | No | \$ 28.86 | \$ - |
| Misc Software Website upgrades | Website upgrades | n/a | DW17-183 | 20,101 | | | , ,,,,, | | | | | | |
| Misc Software | | n/a n/a | DW17-183 DW17-183 | 26,101 | 2/2/2018 \$ | 4,000 | \$ 25,500 | Yes | \$ - | Merrimack | No | \$ 28.86 | \$ - Deferred |
| Misc Software Website upgrades | Website upgrades | | DW17-183 0.1 DSRR | 20,101 | 2/2/2018 \$ | | \$ 25,500 \$ 22,828 | Yes No | \$ - \$ 22,828 | Merrimack Merrimack | No | \$ 28.86 \$ 28.86 | \$ - |
| Misc Software Website upgrades Implement Customer Balances over the phone | Website upgrades Implement Customer Balances over the phone. | n/a | DW17-183 | 20,101 | | | | | \$ - \$ 22,828 \$ 7,305 | | | \$ 28.86 | \$ - |
| Misc Software Website upgrades Implement Customer Balances over the phone Click Resource Assistant | Website upgrades Implement Customer Balances over the phone. Allow for the moving of customer Appointment from an generic resource to a named resource. | n/a 1907952 | DW17-183 0.1 DSRR | 26,101 | 2/2/2018 \$ | | | No | | Merrimack | No | \$ 28.86 \$ 28.86 \$ 28.86 | \$ - |
| Misc Software Website upgrades Implement Customer Balances over the phone Click Resource Assistant Database Server License for GIS and other Apps Veeam Backup Software | Website upgrades Implement Customer Balances over the phone. Allow for the moving of customer Appointment from an generic resource to a named resource. Purchase Server license for Virtual Environment. Replacement of existing backup software due to exorbitant vendor fees to keep original system running. | n/a 1907952 1915920 1909216 | DW17-183 0.1 DSRR DW17-183 0.1 DSRR | 26,101 | 2/2/2018 \$ | | \$ 22,828 \$ - | No Yes No | \$ 7,305 \$ 15,530 | Merrimack Merrimack Merrimack | No No No | \$ 28.86 \$ 28.86 \$ 28.86 \$ 28.86 | \$ - |
| Misc Software Website upgrades Implement Customer Balances over the phone Click Resource Assistant Database Server License for GIS and other Apps Vecam Backup Software New RCO Manager Computer | Website upgrades Implement Customer Balances over the phone. Allow for the moving of customer Appointment from an generic resource to a named resource. Purchase Server license for Virtual Environment. Replacement of existing backup software due to exorbitant vendor fees to keep original system running. New RCO Manager Computer | n/a 1907952 1915920 1909216 1917001 | DW17-183 0.1 DSRR DW17-183 0.1 DSRR 0.1 DSRR | 26,101 | 2/2/2018 \$ \$ 2/2/2018 \$ \$ \$ \$ \$ \$ | | \$ 22,828 \$ - | No Yes No | \$ 7,305 \$ 15,530 \$ 1,797 | Merrimack Merrimack Merrimack Merrimack | No No No No | \$ 28.86 \$ 28.86 \$ 28.86 \$ 28.86 \$ 28.86 | \$ - Previously licensed software was not suitable for Virtual environment. \$ - Replace failed desktop computer. |
| Misc Software Website upgrades Implement Customer Balances over the phone Click Resource Assistant Database Server License for GIS and other Apps Vecam Backup Software | Website upgrades Implement Customer Balances over the phone. Allow for the moving of customer Appointment from an generic resource to a named resource. Purchase Server license for Virtual Environment. Replacement of existing backup software due to exorbitant vendor fees to keep original system running. New RCO Manager Computer Kessler Farm Tank Design | n/a 1907952 1915920 1909216 | DW17-183 0.1 DSRR DW17-183 0.1 DSRR 0.1 DSRR 0.1 DSRR 0.1 DSRR | 26,101 26,101 26,101 | 2/2/2018 \$ \$ 2/2/2018 \$ \$ \$ 2/2/2018 \$ \$ | | \$ 22,828 \$ - | No Yes No No | \$ 7,305 \$ 15,530 \$ 1,797 \$ 36,355 | Merrimack Merrimack Merrimack Merrimack Nashua | No No No No No No | \$ 28.86 \$ 28.86 \$ 28.86 \$ 28.86 \$ 28.86 \$ 26.23 | \$ - Previously licensed software was not suitable for Virtual environment. \$ - Replace failed desktop computer. \$ - Engineering for tank to be constructed in 2020. |
| Misc Software Website upgrades Implement Customer Balances over the phone Click Resource Assistant Database Server License for GIS and other Apps Vecam Backup Software New RCO Manager Computer Kessler Farm Tank Design Retainage | Website upgrades Implement Customer Balances over the phone. Allow for the moving of customer Appointment from an generic resource to a named resource. Purchase Server license for Virtual Environment. Replacement of existing backup software due to exorbitant vendor fees to keep original system running. New RCO Manager Computer Kessler Farm Tank Design Payment of Retainage for projects that were used and useful in 2018. | n/a 1907952 1915920 1909216 1917001 1915117 | DW17-183 0.1 DSRR DW17-183 0.1 DSRR 0.1 DSRR 0.1 DSRR 0.1 DSRR 0.1 DSRR | 26,101 26,101 26,101 26,101 26,101 | 2/2/2018 \$ \$ 2/2/2018 \$ \$ \$ \$ 2/2/2018 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ 2/2/2018 \$ \$ \$ 2/2/2018 \$ \$ \$ 2/2/2018 \$ \$ \$ \$ 2/2/2018 \$ \$ \$ \$ 2/2/2018 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | | \$ 22,828 \$ - | No Yes No No No Yes | \$ 7,305 \$ 15,530 \$ 1,797 \$ 36,355 \$ 33,586 | Merrimack Merrimack Merrimack Merrimack Nashua Merrimack | No No No No No No No No No | \$ 28.86 \$ 28.86 \$ 28.86 \$ 28.86 \$ 28.86 \$ 26.23 \$ 28.86 | \$ - Previously licensed software was not suitable for Virtual environment. \$ - Replace failed desktop computer. \$ - Engineering for tank to be constructed in 2020. \$ - Retainage paid in 2019 for 2018 QCPAC projects. |
| Misc Software Website upgrades Implement Customer Balances over the phone Click Resource Assistant Database Server License for GIS and other Apps Vecam Backup Software New RCO Manager Computer Kessler Farm Tank Design Retainage Short term interest on the PWW Fixed Asset Line of Credit. | Website upgrades Implement Customer Balances over the phone. Allow for the moving of customer Appointment from an generic resource to a named resource. Purchase Server license for Virtual Environment. Replacement of existing backup software due to exorbitant vendor fees to keep original system running. New RCO Manager Computer Kessler Farm Tank Design Payment of Retainage for projects that were used and useful in 2018. Capitalized interest incurred on FALOC draws to fund 2019 Capex from 1/1/2019 thru 4/2/202 | n/a 1907952 1915920 1909216 1917001 1915117 | DW17-183 0.1 DSRR DW17-183 0.1 DSRR 0.1 DSRR 0.1 DSRR 0.1 DSRR 0.1 DSRR DW17-183 DW17-183 | 26,101 26,101 26,101 26,101 26,101 26,101 | 2/2/2018 \$ 2/2/2018 \$ 2/2/2018 \$ 2/2/2018 \$ 2/2/2018 \$ 2/2/2018 \$ 2/2/2018 \$ | | \$ 22,828 \$ - | No Yes No No No Yes Yes | \$ 7,305 \$ 15,530 \$ 1,797 \$ 36,355 \$ 33,586 \$ 230,645 | Merrimack Merrimack Merrimack Merrimack Nashua Merrimack Various | No | \$ 28.86 \$ 28.86 \$ 28.86 \$ 28.86 \$ 28.86 \$ 26.23 \$ 28.86 | \$ - Previously licensed software was not suitable for Virtual environment. \$ - Replace failed desktop computer. \$ - Engineering for tank to be constructed in 2020. \$ - Retainage paid in 2019 for 2018 QCPAC projects. |
| Misc Software Website upgrades Implement Customer Balances over the phone Click Resource Assistant Database Server License for GIS and other Apps Vecam Backup Software New RCO Manager Computer Kessler Farm Tank Design Retainage | Website upgrades Implement Customer Balances over the phone. Allow for the moving of customer Appointment from an generic resource to a named resource. Purchase Server license for Virtual Environment. Replacement of existing backup software due to exorbitant vendor fees to keep original system running. New RCO Manager Computer Kessler Farm Tank Design Payment of Retainage for projects that were used and useful in 2018. | n/a 1907952 1915920 1909216 1917001 1915117 | DW17-183 0.1 DSRR DW17-183 0.1 DSRR 0.1 DSRR 0.1 DSRR 0.1 DSRR 0.1 DSRR | 26,101 26,101 26,101 26,101 26,101 | 2/2/2018 \$ \$ 2/2/2018 \$ \$ \$ \$ 2/2/2018 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ 2/2/2018 \$ \$ \$ 2/2/2018 \$ \$ \$ 2/2/2018 \$ \$ \$ \$ 2/2/2018 \$ \$ \$ \$ 2/2/2018 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | | \$ 22,828 \$ - | No Yes No No No Yes | \$ 7,305 \$ 15,530 \$ 1,797 \$ 36,355 \$ 33,586 | Merrimack Merrimack Merrimack Merrimack Nashua Merrimack | No No No No No No No No No | \$ 28.86 \$ 28.86 \$ 28.86 \$ 28.86 \$ 28.86 \$ 26.23 \$ 28.86 | \$ - Previously licensed software was not suitable for Virtual environment. \$ - Replace failed desktop computer. \$ - Regineering for tank to be constructed in 2020. \$ - Retainage paid in 2019 for 2018 QCPAC projects. \$ - Comparison of the project of the proj |

| Total Projected PWW QCPAC Capex for 2019 - | \$ 16,832,524 | \$ 14,898,170 | \$ 15,374,227 |
|--|------------------|------------------|------------------|
| Amount funded by SRF/DWGTF - | \$ 8,819,800 | \$ 8,819,800 | \$ 8,219,379 |
| Amount to be funded by 2020 Bond Issue - | \$ 8,012,724 | \$ 6,078,370 | \$ 7,154,848 |

1. Tax rate is the sum of the local community rate plus the Statewide Utility tax rate of \$6.60/\$1000
2. Projects funded by 0.1 DSRR funds are not QCPAC eligible because the cash to fund these projects is not bonded. Total 2019 Capex to be funded by 0.1 DSRR funds -

Portion of Annual Principal and interest payments for debt associated with plant placed in service between 1/1/2019 and 12/31/2019 based on a
 QCPAC Principal and Interest expenses for DWGTF financing are based on a

12/31/2019
\$ 427,640 The 12/31/2019 0.1 DSRR amount has been increased by to reflect the Staff DR21 response indicating that \$ 21,175 of the project costs being funded with DWGTF is being funded with 0.1 DSRR monies.

30 year bond with an actual total all in interest rate of 4.261869% resulting in annual P&I expenses of resulting in annual P&I expenses of

427,022 440,205

| Project Name/Description | Project Description | Work Order# | Financing Docket No. | NHPUC Order No | | Board Approved 020 Capex Budget | | Estimated Project Cost as of 11/30/2020 | Final Project cost as of 12/31/2020 | Community | | 020 Tax Rate (1) | QCPAC Eligible Property Tax Expense Explanation for Change/Addition/Deletion from Board Approved 2020 Capex Budget |
|--|---|--|-----------------------------|------------------|----------------------------|------------------------------------|------------|---|---|------------------------|------------------|---------------------|--|
| New Services (10) | Single Family, Owner Build, New Homes | 20 workorders | DW17-183 | 26,101 | 2/2/2018 \$ | 50,000 | Yes | \$ 31,090 | \$ 36,746 | Various | Yes \$ | 28.45 | \$ 1,045 6 new services through 12/31/20. |
| Renewed Services (20) Hydrants (10) | Replacement of failed services. Replacement of non-functional hydrants (Run rate) (8 YTD) | 21, 22 & 23 workorders 30 & 31 workorders | DW17-183 DW17-183 | 26,101 26,101 | 2/2/2018 \$ 2/2/2018 \$ | \$ 110,000 \$ 60,000 | Yes Yes | \$ 68,052 \$ 48,000 | \$ 68,052 \$ 41,401 | Various Various | Yes \$ | 28.45 28.45 | 1,936 19 Renewed Services Installed through 12/31/2020. 1,178 9 Hydrants Repaired/Replaced through 12/31/2020. |
| Gates (10) | Replacement of Failed Gate Valves | 12 & 13 workorders | DW17-183 | 26,101 | 2/2/2018 S | \$ 40,000 | Yes | \$ 40,000 | | Various | Yes \$ | 28.45 | \$ 1,229 12 Gates Reparted, Repaced through 12/31/2020. |
| Radios (560) | Replacement of out of Warrantee Failed Radios (280), New Meters for new customers (280). | 54 workorders | DW17-183 | 26,101 | 2/2/2018 \$ | 58,000 | | \$ 51,000 | | Various | Yes \$ | 28.45 | \$ 1,446 498 Radios Installed/Replaced through 12/31/2020. |
| Meters (Growth) 5/8"-2" - Core & CWS (280) | Meters (Growth) 5/8"-2" - Core & CWS (280) | 50 workorders | DW17-183 | 26,101 | 2/2/2018 \$ | \$ 29,000 \$ 21,000 | Yes | \$ 96,000 | \$ 94,393 | Various | Yes \$ | 28.45 | \$ 2,686 631 Meters Installed/Replaced through 12/31/2020. |
| Meters 5/8"-6" - Replace faled meters - Core & CWS (200) Replace Mud sucker pump | Meters 5/8"-6" failed meters - Core & CWS (200) Replace 15+ year old ditch pump. | 50 workorders 2005200 | DW17-183 DW17-183 | 26,101 26,101 | 2/2/2018 \$ 2/2/2018 \$ | 3 - 21,000 | Yes Yes | \$ 6,356 | \$ 6,356 | Various Various | Yes \$ Yes \$ | | \$ - Total included in row above. \$ 181 |
| Replacement Utility Truck | Replacement for #47 - 2006 Ford f-350, 130K miles Does not pass inspection. | 2006391 | DW17-183 | 26,101 | 2/2/2018 s | 70,000 | Yes | \$ 70,000 | | Merrimack | No \$ | 28.52 | \$ - |
| Replacement Utility Truck | Replacment for #76 - 2008 Ford F-350, 150K miles, Does not pass inspection. | 2006390 | DW17-183 | 26,101 | 2/2/2018 § | 70,000 | Yes | \$ 70,000 | \$ 68,951 | Merrimack | No \$ | 28.52 | \$ - |
| Replacement Utility Truck | Replacement for #4- 2010 Ford f-350, 140K miles Does not pass inspection. | 2006389 | DW17-183 | 26,101 | 2/2/2018 § | 70,000 | Yes | \$ 7,000 | \$ 68,429 | Merrimack | No \$ | 28.52 | \$ - |
| Valve Turner & Vac Truck | Replacemnt for #60 - 14 Year Vac Trailer w/excessive rot, will not pass inspection. | n/a | DW17-183 | 26,101 | 2/2/2018 § | 160,000 | Yes | \$ - | | Merrimack | No \$ | 28.52 | \$ - Deferred. Not avialable due to impact of COVID19 on manufacturing. |
| Foreman's Truck | Replacement for #59 - 2011 International, 120K Miles, High Hours, Electrical, body issues. | 2004436 | DW17-183 | 26,101 | 2/2/2018 § | 140,000 | | \$ 140,000 | \$ 79,206 | Merrimack | No \$ | 28.52 | \$ - Deferred until 2020. |
| Locker Room Benches @ Distribution Facility | Permanent Benches for Male & Female locker rooms. | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 7,500 | Yes | \$ - | | Merrimack | Yes \$ | 28.52 | \$ - Defered until 2021 due to COVID19 delays. |
| Locker Room Deep Wash Sinks | Deep stainless wash sinks to replace existing sinks in male & female locker rooms. | n/a | DW17-183 | 26,101 26,101 | 2/2/2018 § 2/2/2018 § | 7,500 | | \$ - | | Merrimack | Yes \$ | 28.52 | \$ - Deferred until 2021 due to COVID19 delays. |
| Office Space for Const & Maint Supervisor Landscape improvements | Permanent office space for Contruction & Maintenance Supervisor. Repair Hill Sides @ 16 DWH and overseed with erosion mix. | n/a 2008276 | DW17-183 DW17-183 | 26,101 | 2/2/2018 § | \$ 12,000 \$ 12,000 | Yes Yes | \$ 12.550 | \$ 15,350 | Merrimack Merrimack | Yes \$ | 28.52 28.52 | \$ - Deferred until 2020 due to COVID19 delays. \$ 438 |
| Automatic Entrance Gate @ Distribution Facility | Replace manual gate @ Distribution facility with automatic gate. | 2000278 | DW17 103 | 0.1 DSRR | | 10,000 | No | \$ - | \$ 3,083 | Merrimack | Yes \$ | 28.52 | \$ 88 Work delayed on long range gate reader until 2021, due to COVID19. |
| Emergency Gas Detection Meters | Emergency Gas Detection Meters | 2006033 | DW17-183 | 26,101 | 2/2/2018 S | 3 - | Yes | \$ 10.411 | \$ 10,411 | Merrimack | Yes \$ | 28.52 | \$ 297 Replace exsisting failed tritector. |
| Replacement Equipment/Excavator Trailer | Replacement Equipment/Excavator Trailer | 2007566 | DW17-183 | 26,101 | 2/2/2018 s | - | Yes | \$ 19,457 | | Merrimack | Yes \$ | 28,52 | \$ 511 |
| Buyout Lease of HP T2530PS Large Format Printer (OPS) | Buyout Lease of HP T2530PS Large Format Printer (OPS). | 2008268 | DW17-183 | 26,101 | 2/2/2018 s | 3 - | Yes | \$ 6,994 | | Merrimack | Yes \$ | 28.52 | \$ 142 |
| West Hollis Street Check Valve Pit | Install at the intersection of W. Hollis St and Panther Dr. | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 88,000 | | \$ - | | Nashua | Yes \$ | 27.13 | \$ - Deferred |
| NWS Improvements - Manchester Street | Install 1700 LF of 24 inch DI and new Fencing. | 2000383 | | DWGTF | \$ | 125,000 | Yes | \$ 86,000 | 4 00,007 | Nashua | Yes \$ | 27.13 | \$ 2,308 |
| NWS Improvements - Deerwood Dr. Northwest Blvd Loop | Add 3400 LF of 20 inch HDPE including RR pipe jacking. | 2000386 | | DWGTF DWGTF | \$ | 40,000 | Yes | \$ 18,500 | | Nashua | Yes \$ | 27.13 | \$ 531 |
| NWS Improvements Veteran's Rd/Route 101A Loop NWS Improvements Tinker Road Paving and restoration | Add 2200 LF of 12 inch DIPCL to close two loop major dead ends. NWS Improvements Tinker Road Paving and restoration. | 2000384 2000385 | 1 | DWGTF | \$ e | \$ 125,000 \$ 125,000 | Yes Yes | \$ 125,000 \$ 126,000 | | Nashua Nashua | Yes \$ Yes \$ | 27.13 27.13 | \$ 3,407 \$ 3,404 |
| Simon & Will Street - Paving | Simon & Will Street - Paving | 2000387 | DW17-183 | 26,101 | 2/2/2018 \$ | 30,000 | | \$ - | 25,750 | Nashua | Yes \$ | | \$ - Deferred |
| Garden Street - Final Paving | Garden Street - Final Paving | 2000388 | DW17-183 | 26,101 | 2/2/2018 \$ | 18,000 | Yes | \$ - | | Nashua | Yes \$ | 27.13 | \$ - Deferred |
| City of Nashua Sewer - Lake Street | Replace 2950 LF of 6 inch CI with 12 inch DIPCL (Paving). | 2000378 | DW17-183 | 26,101 | 2/2/2018 \$ | 30,000 | Yes | \$ - | \$ 10,589 | Nashua | Yes \$ | 27.13 | \$ 287 |
| Merrimack River Intake | Year Round Raw Water Intake from Merrimack River | 2000380 | DWGTF Financing DW19-026 | 26,247 | 5/3/2019 | \$ 140,375 | Yes | \$ 192,109 | \$ 140,375 | Merrimack | Yes | 28.52 | Amount of MRI raw water intake funds still avialable from DWGTF. |
| Merrimack River Intake | Year Round Raw Water Intake from Merrimack River | 2000380 | DW19-026 DW17-183 | 26,101 | 2/2/2018 S | 3 221,625 | Yes | \$ 260,000 | \$ 253,590 | Merrimack | Yes \$ | | \$ 4,003 \$ 7,232 Project cost increased by \$80,000 to develop Source Water Protection plan required by NHDES. |
| | | | | | | | 1 es | | | | | 20.32 | Budget to be increased as a portion of site work for the Kessler Farm Tank was transferred to this project. Winning project bid was |
| Replace Kessler Farm booster pump package | Replace 31 year old package booster station pumps and piping. | 2000389 | DW17-183 | 26,101 | 2/2/2018 \$ | 75,000 | Yes | \$ 188,000 | \$ 190,901 | Nashua | Yes | 27 13 | s 5 179 higher than engineer's estimate. |
| D'I ID T A IE D D | Complete Risk and Resilience Assessment and Emergency Response Plan as required by the | 0000050 | DW14E 404 | 26.101 | 2/2/2010 | 120,000 | Y. | e 120 000 | 6 447.074 | X7 : |) | 20.45 | - J ₁ , 17 |
| Risk and Resilience Assessment and Emergency Response Plan | USEPA. | 2002053 | DW17-183 | 26,101 | 2/2/2018 \$ | 120,000 | Yes | \$ 120,000 | | Various | No \$ | 28.45 | \$ - |
| Asset Management - GIS QA/QC ahead of NEW CMMS | GIS QA/QC Ahead of NEW CMMS | 1900414, 2000362 | DW17-183 | 26,101 | 2/2/2018 \$ | 40,000 | Yes | \$ 40,000 | , | Merrimack | Yes \$ | 28.52 | \$ 1,610 |
| Brook Street Hamilton Street | Replace 225 LF of 4 inch and 915 LF of 6 inch CI with 1140 LF of 8 inch DIPCL. Replace 410 LF of 6 inch CI with 4 inch DIPCL. | 1502511, 2003423 1502512, 2003422 | DW17-183 DW17-183 | 26,101 26,101 | 2/2/2018 \$ 2/2/2018 \$ | 380,000 8 87,000 | Yes Yes | \$ 276,000 \$ 137,000 | | Nashua Nashua | Yes \$ Yes \$ | | \$ 6,975 Restoration work slated for 2021 was completed in 2020. \$ 3 420 |
| Burritt Street | Replace 425 LF of 4 inch CI with 8 inch DIPCL. | 1502513, 2003420 | DW17-183 | 26,101 | 2/2/2018 S | 37,000 3 141,000 | Yes | \$ 146,800 | 4 | Nashua | Yes \$ | 27.13 | 3 3,655 \$ 3,655 |
| Burritt Street | Replace 125 LF of 4 inch CI with 4 inch DIPCL. | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 38,000 | Yes | \$ - | | Nashua | Yes \$ | 27.13 | \$ - Included in row above. |
| Verona Street | Replace 675 LF of 6 inch CI with 8 inch DIPCL. | 2007542 | DW17-183 | 26,101 | 2/2/2018 \$ | 226,000 | Yes | \$ 205,100 | | Nashua | Yes \$ | 27.13 | \$ 4,961 Required the use of temporary main that was not initially part of the design. |
| Sarasota Ave | Replace 250 LF of 6 inch CI with 8 inch DIPCL. Abondon Approx 700 LF of AC Main Transfer 2 conviges 8, 1 Hvd to possible 9" DIPCL victors | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 83,000 | Yes | \$ 70,000 | 1 1 | Nashua | Yes \$ | 27.13 | \$ - |
| Amherst Dodge Rd Watermain Abandonment | Abandon Approx. 700 LF of AC Main, Transfer 2 services & 1 Hyd to parallel 8" DIPCL water main. | 2001229 | DW17-183 | 26,101 | 2/2/2018 \$ | \$ 20,000 | Yes | \$ 146,000 | \$ 149,710 | Amherst | No \$ | 32.93 | \$ Scope of job expanded to replace multiple broken or leaking valves discovered during the shutdown process. |
| Kessler Farm Tank Replacement | Replaced 4 MG painted steel water tank with 4 MG prestressed, precast water tank. | 2000379 | DW47 402 | 0.1 DSRR | \$ | 3,388,000 | No | \$ 60,000 | | Nashua | No \$ | 27.13 | \$ - Design only. Construction deferred until 2021. |
| Replace Engineering Pickup | 2020 Ford Escape SE - Replace Vehicle #101 | 2006652 | DW17-183 DW17-183 | 26,101 26,101 | 2/2/2018 § 2/2/2018 § | 35,000 | Yes | \$ 24,431 | | Merrimack Merrimack | Yes \$ | 20.32 | \$ 669 |
| Replace Engineering SUV #34 Investment in developer installed services at 1xannual revenue | 2020 Ford Escape SE - Replace Vehicle #401 Per tariff | 2006755 n/a | DW17-183 | 26,101 | 2/2/2018 | \$ 30,000 \$ 60,000 | Yes Yes | \$ 24,474 \$ 80,000 | | Various | Yes \$ | 28.52 28.45 | \$ 2,265 136 Developer Installed Services through 12/31/2020. |
| Asset Management Trimble R2 Units | Add two new GPS units for additional staff. | 2003535 | DW17-183 | 26,101 | 2/2/2018 S | 3 24,000 | Yes | \$ 24,000 | | Merrimack | No \$ | 28.52 | 3 2,200 130 Developer instanctu Services unough 12/31/2020. |
| Merrimack River Pumping Station | Add third 350 horsepower pump and motor with variable frequency drive. | 2003759 | DW17-183 | 26,101 | 2/2/2018 \$ | \$ 260,000 | Yes | \$ 600,000 | | Merrimack | Yes | 28.52 | Added Pump Station roof hatches and roofing to facilitate pump replacement in the future. Bid price received for new pump was higher than anticipated. Added Electrical system upgrades for code and redundency. There will be an additional \$140,000 of expenditures to complete this project in 2021. |
| C | Replace 250 LF of 4 inch CI and 96 LF of 1 1/4 inch CL with 150 LF of 4" PVC. | | DW17-183 | 26,101 | 2/2/2018 S | , | Yes | \$ 39,000 | | Nashua | Yes \$ | 27.13 | \$ 1,484 Added due to Kessler Farm Tank deferral to 2021. |
| Crescent Street (sewer related) Crescent Street (paving contribution) | Replace 250 LF of 4 inch CI and 96 LF of 1 1/4 inch CL with 150 LF of 4 PVC. Replace 250 LF of 4 inch CI and 96 LF of 1 1/4 inch CL with 150 LF of 4" PVC. | 2001230 | DW17-183 | 26,101 | 2/2/2018 S | · - | Yes | \$ 35,000 \$ 15,000 | \$ 54.705 | Nashua | Yes \$ | 27.13 | \$ - Added due to Kessler Farm Tank deferral to 2021. |
| School Street | Replace 400 LF of 4 inch CI with 680lf of 6 inch DIPCL (creates a looped system). | 2003533 | DW17-183 | 26,101 | 2/2/2018 | · - | Yes | \$ 267,000 | | Nashua | Yes \$ | 27.13 | \$ 7,345 Added due to Kessler Farm Tank deferral to 2021, restoration work that was planned for 2021 was completed in 2020. |
| Fulton Street(Lake St Area PH2) | Replace 180 LF of 2" CL with 4" DIPCL - addition to Lake St Ph 2 project. | 2007556 | DW17-183 | 26,101 | 2/2/2018 | | Yes | \$ 92,900 | \$ 80,801 | Nashua | Yes \$ | 27.13 | \$ 2,192 Added due to Kessler Farm Tank deferral to 2021. |
| Manatee St (Lake St Area PH2) | Replace 240 LF of 6 inch CI with 8" DIPCL - addition to Lake St Ph 2 project. | 2007543 | DW17-183 | 26,101 | 2/2/2018 S | · - | Yes | \$ 54,500 | \$ 49.820 | Nashua | Yes \$ | | \$ 1.352 Added due to Kessler Farm Tank deferral to 2021. |
| Ash St (Lake St Area PH2) | Replace 480 LF of 6 inch CI with 8 and 6 inche DIPCL - added to Lake StPh 2. | 2007540 | DW17-183 | 26,101 | 2/2/2018 s | 3 - | Yes | \$ 164,300 | \$ 149,975 | Nashua | Yes \$ | 27.13 | \$ 4,069 Added due to Kessler Farm Tank deferral to 2021. |
| Fields Grove Crossing (Lake St Area PH2) | Cross City park with 16" HDPE direction bore - 890 LF- added to Lake St Ph 2. | 2007557 | DW17-183 | 26,101 | 2/2/2018 § | - | Yes | \$ 20,000 | | Nashua | Yes \$ | | \$ - Added due to Kessler Farm Tank deferral to 2021. |
| Pine St (Lake St Area PH2) Manatee and Sarasota intersection work | Cut in tees for manatee and sarasota. | 2007541 | DW17-183 | 26,101 | 2/2/2018 § | - | Yes | \$ 31,500 | \$ 90,922 | Nashua | Yes \$ | 27.13 | \$ 2,467 Intersection work associated with Sarasota and Manatee projects. |
| Ingalls St - complete in 2020 | Emergency water main replacement - 175' of Galv (1921) replaced with 4" PVC. | 2007544 | DW17-183 | 26,101 | 2/2/2018 § | - | Yes | \$ 37,000 | \$ 33,471 | Nashua | Yes \$ | 27.13 | |
| Walnut St - water main (added to crescent/school st project) | Paving related to water main replacement - replace 56' of 12" CI and 230' of 8" CI (1925- | 2006558 | DW17-183 | 26,101 | 2/2/2018 | | | \$ 84,000 | \$ 74,774 | Nashua | | | |
| Walnut St (paving contribution) | unlined) with 286' of 12" DIP. Paving Contribution for paving in 2021. | | DW17-183 | 26,101 | 2/2/2018 S | - | Yes | 8 | - | Nashua | Yes \$ | 27.13 27.13 | \$ 2,029 Added due to Kessler Farm Tank deferral to 2021, \$\$ from paving contribution in row 67 added in. |
| | | | | | | - | Yes | , - | | | Yes \$ | 27.13 | Added due to Kessler Farm Tank deferral to 2021, \$\$\\$\$ in row 66. Added due to Kessler Farm Tank deferral to 2021. The majority of this project will be occurring in 2021 due to later than expected |
| Coburn Woods (all side streets) | Replace 4400 LF of 2 inch PVC with 4 inch DIPCL. | 2002685 | DW17-183 | 26,101 | 2/2/2018 \$ | - | Yes | \$ 118,000 | <u> </u> | Nashua | Yes \$ | 27.13 | \$ - bid opening. |
| Pennichuck Brook Ponds Aerial Survey | Pennichuck Brook Ponds Aerial Survey | 2006039 | DW17-183 | 26,101 | 2/2/2018 § | - | Yes | \$ 21,700 | \$ 2,209 | Nashua | No \$ | 27.13 | \$ - Drouight response. Survey of exposed bottow of Harris and Bowers Pond. |
| Upgrade SCADA historian software, new hardware | Upgrade SCADA historian software, new hardware. | 2000376 | DW17-183 | 26,101 | 2/2/2018 § | 65,000 | Yes | \$ 65,000 | \$ 54,749 | Nashua | Yes \$ | 27.13 | \$ 1,485 |
| | | 1901734, 1907078, | | 0.1 DSRR | | | | | | | | | |
| Bowers Dam LOD response engineeriing | Bowers Dam LOD response engineering | 2000373 | <u></u> | 0.1 D3KK | , s | 10,000 | No | \$ 10,000 | \$ 6,761 | Nashua/Merrimack | No \$ | 27.83 | \$ - Bowers Dam LOD response engineering |
| Harris LOD response engineering | Harris LOD response engineering | 1907076, 2000375 | | 0.1 DSRR | \$ | \$ 20,000 | No | \$ 20,000 | \$ 25,535 | Nashua/Merrimack | No \$ | 27.83 | |
| Supply Pond LOD response engineering | Supply Pond LOD response engineering | 1907077, 2000374 | | 0.1 DSRR | \$ | 32,000 | No | \$ 32,000 | \$ 15,788 | Nashua/Merrimack | No \$ | 27.83 | \$ - Deferred |
| Rebuild Pump 1, Northwest, Nashua | Final costs for reinstallation and alignment. | 1619402, 1701898, 1918550, 2000438 | DW17-183 | 26,101 | 2/2/2018 \$ | 5,000 | Yes | \$ 3,457 | \$ 53,457 | Nashua | Yes | 27.13 | Previous Year work was instrumental in the completion of the rebuild of NW Pump #1, remaining \$50,000 for the rebuild of NWS \$ 1,450 Pump #2. See row 94 below. |
| New Vehicle for WS electrician | Final costs for fit up of new truck purchased in 2019. | 1918550, 2000438 2000437 | DW17-183 | 26,101 | 2/2/2018 s | 3,000 | | \$ 3,000 | | Nashua | No \$ | 27.13 27.13 | \$ 1,450 Pump #2. See row 94 below. |
| MSDC payment to MWW | Final costs for ht up of new truck purchased in 2019. MSDC payment for MSDC gallons beyond that currently purchased. | 2000437 | DW17-183 | 26,101 | 2/2/2018 \$ | 3,000 | Yes | \$ 3,000 \$ 166,346 | | Various | No \$ | 28.45 | During 2020, PWW used 47,341 MSDC gallons beyond what had been purchased. 3,450 of the MSDC gallons were purchased with cash collected via MSDC raiff. The remaining 43,891 gallons were used by existing customers. |
| | | 60, 61, 62 & 63 | DW17-183 | 26,101 | 2/2/2018 | | | | | | s | 28.45 | \$ cash collected via MSDC, tantf. The remaining 45,891 gailons were used by existing customers. |
| Booster Pump replacement/rebuild | Booster Pump replacement/rebuild | workorders | | · · | ş | 40,000 | Yes | \$ 25,000 | | Various | Yes | | \$ 946 9 Booster Pumps Repaired/Replaced through 11/30/2020. 1 additional rebuilds projected by end of year. |
| Booster Pump replacement/rebuild | Replace Booster #1, Donald Street | 2008275 | DW17-183 | 26,101 | 2/2/2018 § | - | Yes | \$ 6,000 | | Bedford | Yes \$ | 24.62 | \$ 131 |
| Booster Pump replacement/rebuild | WTP Intermediate pump #2 electric motor rebuild | 2007216 | DW17-183 | 26,101 | 2/2/2018 § | - | Yes | \$ 12,644 | \$ 12,644 | Nashua | Yes \$ | 27.13 | \$ 343 |
| Well Pump replacements | Well Pump replacements | 60, 61, 62 & 63 workorders | DW17-183 | 26,101 | 2/2/2018 \$ | 15,000 | Yes | \$ 5,025 | \$ 15,160 | Various | Yes \$ | 28.45 | \$ 431 2 well pumps repaired/replaced through 12/31/20. |
| Chemical Feed pump replacements | Chemical Feed pump replacements | 60, 61, 62 & 63 workorders | DW17-183 | 26,101 | 2/2/2018 | 10,000 | Yes | \$ 4,939 | \$ 4,939 | Various | Yes \$ | 28.45 | \$ 141 3 Chemical Pumps Repaired/Replaced through 12/31/2020. |
| Chemical Feed pump replacements Chemical Feed pump replacements | Rebuild Ferric Feed Pumps 2 & 3 | 2002269 | DW17-183 | 26,101 | 2/2/2018 S | 10,000 | Yes | \$ 4,939 \$ 3,243 | 4 19.00 | Various | Yes \$ | 28.45 | \$ 101 S Chemical Pumps Replaced inrough 12/31/2020. |
| Harris Dam raise earthen embankment, raise dike wall | Harris Dam raise earthen embankment, raise dike wall. | n/a | DW17-183 | 26,101 | 2/2/2018 § | 965,000 | | \$ - | | Nashua/Merrimack | Yes \$ | 27.83 | \$ - Deferred until 2021, Engineering services in 2020, See Row 72. |
| Misc. Structural Improvements | Misc. Structural Improvements | n/a | DW17-183 | 26,101 | 2/2/2018 § | 20,000 | Yes | ş - | | Various | Yes \$ | 28.52 | \$ - |
| Misc. Structural Improvements | Replace Fire Alarm System Control Boards - Damaged by Lightning Strike. | 2006032 | DW17-183 | 26,101 | 2/2/2018 \$ | - | Yes | \$ 15,120 | \$ 14,242 | Nashua | Yes § | 27.13 | S 386 |
| Misc. Structural Improvements | Replace Maple Haven Pump Station Rood. | | DW17-183 | 26,101 | 2/2/2018 | | Yes | \$ 4,235 | \$ 5,170 | Derry | Yes \$ | 29.06 | e 450 |
| cruccum improvemento | | 2008269 | → w 17-10J | 20,101 | 2/2/2010 | | 1 03 | - 4,433 | y J,1/U | Deny | 100 3 | 27.00 | \$ 150 |

| Project Name/Description | Project Description | Work Order # | Financing Docket No. | NHPUC Order No. | | Board Approved)20 Capex Budget | QCPAC Eligible? | Estimated Project Cost as of 11/30/2020 | Final Project cost as of 12/31/2020 | Community | Taxable | 2020 Tax Rate (1) | QCPAC Eligible Property Tax Expense Explanation for Change/Addition/Deletion from Board Approved 2020 Capex Budget |
|--|---|------------------|----------------------|--------------------|-------------------------------|------------------------------------|--------------------|---|--|------------------------|------------|----------------------|--|
| Miscellaneous Equipment Purchased | Miscellaneous Equipment Purchased | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 17 500 | Yes | \$ - | | Nashna | Yes | \$ 27.13 | \$ |
| Miscellaneous Equipment Purchased | Replace Sewage Ejection Pump, Snow Station | 2003515 | DW17-183 | 26,101 | 2/2/2018 § | | Yes | \$ 3,300 | \$ 3,287 | Nashua | Yes | \$ 27.13 | \$ 89 |
| Miscellaneous Equipment Purchased | WTP Replace Filter-to-Waste Valve | 1918552 | DW17-183 | 26,101 | 2/2/2018 § | _ | Yes | \$ 2,353 | \$ 2,353 | Nashua | Yes | \$ 27.13 | \$ 64 This was in 2019 budget, but did not go useful until 2020. |
| Miscellaneous Equipment Purchased | Replace Sludge Pump #2, WTP. | 2004525 | DW17-183 | 26,101 | 2/2/2018 § | - | Yes | \$ 3,410 | \$ 3,406 | Various | 100 | \$ 28.52 | \$ 97 |
| Miscellaneous SCADA/Electrical | Miscellaneous SCADA/Electrical | n/a | DW17-183 | 26,101 | 2/2/2018 § | 30,000 | Yes | \$ - | | Various | Yes | | \$ - |
| Miscellaneous SCADA/Electrical | Replace VFD, Pump #3 - High Pines Booster | 2003512 | DW17-183 | 26,101 | 2/2/2018 \$ | - | Yes | \$ 9,500 | | Nashua | Yes | \$ 27.13 | \$ 258 |
| Miscellaneous SCADA/Electrical Miscellaneous SCADA/Electrical | Install cellular SCADA device, HI and LO, Derry. SCADA control system, Powder Hill, Donald St. | 2004180 | DW17-183 DW17-183 | 26,101 26,101 | 2/2/2018 \$ 2/2/2018 \$ | = | Yes Yes | \$ 2,500 \$ 9,500 | | Derry | Yes Yes | \$ 27.02 \$ 27.02 | \$ 64 \$ - Deferred |
| Miscellaneous SCADA/Electrical | Replace Intermediate Pump 3. VFD at WTP. | 2004989 | DW17-183 | 26,101 | 2/2/2018 \$ | | Yes | \$ 9,500 \$ 5.500 | | Nashua | | \$ 27.02 \$ 27.13 | \$ - Deferred |
| Rebuild NWS booster pump #2 | Rebuild NWS booster pump #2. | 2003436 | DW17-183 | 26,101 | 2/2/2018 \$ | 40 000 | Yes | \$ 50,000 | | Nashua | Yes | \$ 27.13 | \$ 1.179 |
| WTP Structural/HVAC | WTP Structural/HVAC | n/a | DW17-183 | 26,101 | 2/2/2018 § | 10,000 | Yes | \$ - | 10,101 | Nashua | | \$ 27.13 | \$ - |
| Purchase new lab equipment | Purchase new lab equipment. | n/a | DW17-183 | 26,101 | 2/2/2018 § | 20,000 | Yes | \$ 5,000 | | Nashua | Yes | \$ 27.13 | \$ - |
| Miscellaneous Fencing and Security projects | Miscellaneous Fencing and Security projects | n/a | DW17-183 | 26,101 | 2/2/2018 § | 10,000 | Yes | \$ - | | Various | 103 | \$ 27.13 | \$ - |
| Replace Vehicle 200 | Replace Vehicle 200 | 2007616 | DW17-183 | 26,101 | 2/2/2018 \$ | 40,000 | Yes | \$ 35,000 | | Nashua | No | \$ 27.13 | \$ - |
| Replace Vehicle 201 | Replace Vehicle 201 | 2004137 | DW17-183 | 26,101 26,101 | 2/2/2018 § 2/2/2018 § | 55,000 | Yes | \$ 55,000 | \$ 53,062 | Nashua | No | \$ 27.13 | \$ - |
| Replace Vehicle 63 | Replace Vehicle 63 | n/a n/a | DW17-183 DW17-183 | 26,101 | 2/2/2018 § | 40,000 30,000 | Yes Yes | \$ - | 1 | Nashua Nashua | No Ves | \$ 27.13 \$ 27.13 | \$ - Deferred \$ - No contractors available. Deferred until 2021. |
| Repair/Replace Soffit and Fascia, Boat House Bldg. Carbon media changeout-filters 5 & 6 | Repair/Replace Soffit and Fascia, Boat House Bldg. Carbon media changeout-filters 5 & 6. | n/a 2003490 | DW17-183 | 26,101 | 2/2/2018 § | 500,000 | Yes | \$ 450,000 | \$ 495,331 | Nashua Nashua | Yes | \$ 27.13 \$ 27.13 | \$ - No contractors available. Deterred until 2021. \$ 13,438 |
| Install new Day Fuel Tank, Controller and related equip., FWPS Generator | Install new Day Fuel Tank, Controller and related equip., FWPS Generator. | n/a | DW17-183 | 26,101 | 2/2/2018 § | 75,000 | Yes | \$ - | 9 473,331 | Nashua | Yes | \$ 27.13 | \$ 13,430 \$ - Deferred until 2021. Project scope being evluated under new code. |
| SCADA PLC Replacements | SCADA PLC Replacements | n/a | DW17-183 | 26,101 | 2/2/2018 § | 75,000 | Yes | \$ - | | Nashua | Yes | \$ 27.13 | \$ - Deferred until 2021. |
| Replace 2 Hach Turbidimeters and associated control module | Replace 2 Hach Turbidimeters and associated control module. | 2007545 | DW17-183 | 26,101 | 2/2/2018 § | 10,000 | Yes | \$ 18,000 | \$ 16,929 | Nashua | Yes | \$ 27.13 | \$ 459 Changed from 2 to 4 units. |
| Rebuild Merrimack River pump #2 | Rebuild Merrimack River pump #2. | 2008305 | DW17-183 | 26,101 | 2/2/2018 § | _ | Yes | \$ 93,100 | \$ 93,090 | Merrimack | Yes | \$ 28.86 | \$ 2,687 |
| Supply Pond Dam Modifications per NHDES LOD | Engineering, Permitting, Design Services | 2008270 | | 0.1 DSRR | \$ | | No | \$ 69,000 | | Merrimack/Nashua | No | \$ 27.55 | \$ - Engineering Design Work only |
| Harris Dam Raise Earthen Embankment, Dike wall | Engineering, Permitting, Design Services | 2008271 | | 0.1 DSRR | \$ | - | No | \$ 90,000 | | Merrimack/Nashua | No | \$ 27.55 | \$ - Engineering Design Work only |
| Munis FER Enhancements | Munis FER Enhancements | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 35,000 | Yes | \$ 35,000 | | Merrimack | 140 | \$ 28.52 | \$ - |
| Misc Hardware | Misc Hardware | n/a | DW17-183 | 26,101 26,101 | 2/2/2018 \$ | 20,000 | Yes | \$ 1,500 | + | Merrimack | -10 | \$ 28.52 | \$ - |
| Misc Hardware | Laptop Purchase for Regulatory Department - K | 2001987 | DW17-183 DW17-183 | 26,101 | 2/2/2018 § 2/2/2018 § | - | Yes | \$ 1,660 | | Merrimack | No | \$ 28.52 \$ 28.52 | \$ - Purchase to accommodate work from home created by COVID19. |
| Misc Hardware Misc Hardware | Laptop Purchase for Regulatory Department - CAH Laptop Purchase for onboarding employees (5) | 2002761 | DW17-183 DW17-183 | 26,101 | 2/2/2018 § | = | Yes Yes | \$ 1,400 \$ 9,995 | | Merrimack Merrimack | No No | \$ 28.52 \$ 28.52 | Purchase to accommodate work from home created by COVID19. Purchase to accommodate work from home created by COVID19. |
| Misc Hardware Misc Hardware | Laptop Purchase for onboarding employees (5) Laptop Purchase for New Employee C. Harding | 2002930 | DW17-183 | 26,101 | 2/2/2018 § | | Yes | \$ 9,995 \$ 2,491 | | Merrimack | | \$ 28.52 \$ 28.52 | Purchase to accommodate work from home created by COVID19. Purchase to accommodate work from home created by COVID19. Purchase to accommodate work from home created by COVID19. |
| Misc Hardware Misc Hardware | Spare Laptop Purchase Spare Laptop Purchase | 2005120 | DW17-183 | 26,101 | 2/2/2018 S | | Yes | \$ 1,005 | | Merrimack | | \$ 28.52 | Purchase to accommodate work from home created by COVID19. Purchase to accommodate work from home created by COVID19. |
| Misc Hardware | New Laptop for Accounting new hire - Payroll Admin | 2006388 | DW17-183 | 26,101 | 2/2/2018 S | _ | Yes | \$ 1,160 | | Merrimack | | \$ 28.52 | \$ - Purchase to accommodate work from home created by COVID19. |
| Misc Software | Misc Software | n/a | DW17-183 | 26,101 | 2/2/2018 § | 12,000 | Yes | S - | 1,000 | Merrimack | No | \$ 28.52 | \$ - |
| Misc Software | Macola Development Environment for testing upgrade. | 2002276 | DW17-183 | 26,101 | 2/2/2018 § | - | Yes | \$ 5,280 | \$ 6,400 | Merrimack | No | \$ 28.52 | \$ - |
| Misc Software | Tyler Notify | 2003317 | DW17-183 | 26,101 | 2/2/2018 § | - | Yes | \$ 3,840 | \$ 3,024 | Merrimack | No | \$ 28.52 | s - |
| Misc Software | MSL Server License for Munis Upgrade | 2005976 | DW17-183 | 26,101 | 2/2/2018 § | - | Yes | \$ 6,350 | | Merrimack | | \$ 28.52 | \$ - Deferred |
| Website upgrades | Website upgrades | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 8,000 | Yes | \$ - | | Merrimack | No | \$ 28.52 | \$ - |
| Salmon Replacement at WTP | The server at WTP is over 7 years old and should be replaced. I am recommending to replace the server with a VM host for ease of use and reliability. | 2003704 | DW17-183 | 26,101 | 2/2/2018 \$ | 15,000 | Yes | \$ 15,000 | \$ 9,366 | Merrimack | No | \$ 28.52 | \$ - |
| Additional UPS for Distribution Data Center | We are starting to leverage this datacenter more with more equipment. The current UPS is over subscribed and we need to protect everything in there. | 2003493 | DW17-183 | 26,101 | 2/2/2018 \$ | 1,600 | Yes | \$ 1,600 | \$ 2,060 | Merrimack | No | \$ 28.52 | \$ - |
| Meraki Wireless AP's for WTP | The current AP's at WTP are tied into the wireless at HQ. We will be changing to the Maraki solution for HQ so these will need to be replaced. | 2003426 | DW17-183 | 26,101 | 2/2/2018 \$ | 3,000 | Yes | \$ 3,000 | | Merrimack | No | \$ 28.52 | ş - |
| Storage Replacement for PS6110 Array | Nimble addon shelf – 33tb usable | 2003425 | DW17-183 | 26,101 | 2/2/2018 § | 57,000 | Yes | \$ 30,000 | | Merrimack | No | \$ 28.52 | ş - |
| Veeam Backup of O365 | Backup documents stored in the cloud within Office 365. | n/a | DW17-183 | 26,101 | 2/2/2018 § | 2,000 | Yes | \$ 2,000 | | Merrimack | No | \$ 28.52 | \$ - |
| Client Remote Control Software | 5 licenses | n/a | DW17-183 | 26,101 | 2/2/2018 § | 1,300 | Yes | \$ 1,300 | | Merrimack | No | \$ 28.52 | \$ - |
| CMMS replacment project New Building | Replace Synergen/WAM with newer more cost effective/improved functionality system. New Building | 2000368 | DW17-183 | 26,101 0.1 DSRR | 2/2/2018 \$ | 600,000 78 300 | Yes | \$ 450,000 \$ 140,000 | | Nashua Nashua | Yes Yes | \$ 27.13 \$ 27.13 | \$ 11,754 Project implementation has been slowed due to COVID19. Project \$\$ not used in 2020 will carry over into 2021. \$ 16.558 |
| New Building - Server Room Networking | Routers/Switches/Racks/Patch Panels | 2100047 | | 0.1 DSRR | S | 19,000 | No. | \$ 12,800 | | Nashua | Yes | \$ 27.13 | \$ 404 |
| New Building - Phone System | Replacement of existing Phone sytem. New system will not work with existing hardware. | 2100043 | | 0.1 DSRR | \$ | 70,000 | No | \$ 60,000 | | Nashua | Yes | \$ 27.13 | \$ 2,112 |
| JAMF - IOS mobile Management | Software configuration support for JAMF product. | 2004171 | DW17-183 | 26,101 | 2/2/2018 \$ | 6,000 | Yes | \$ 6,000 | \$ 5,400 | Merrimack | No | \$ 28.52 | \$ - |
| Document Management | Software to allow for document tracking and flow management (Accounting). | n/a | DW17-183 | 26,101 | 2/2/2018 \$ | 8,000 | Yes | \$ - | | Merrimack | No | \$ 28.52 | ş - |
| Click Software move to MS sql | Move Click Database from Oracle to MS sql in order to retire Oracle after the WAM replacement project is complete. | 2003421 | DW17-183 | 26,101 | 2/2/2018 \$ | 45,000 | Yes | \$ 19,500 | \$ 140,012 | Merrimack | No | \$ 28.52 | \$ - |
| Lemon Street, Final Restoration | 2020 Carryover Costs | 2000693 | DW17-183 | 26,101 | 2/2/2018 \$ | - | Yes | \$ 1,500 | , , , , , , , | Nashua | Yes | | |
| Lowell Street, Final Restoration | 2020 Carryover Costs | 2000694 | DW17-183 | 26,101 | 2/2/2018 \$ | | Yes | \$ 2,500 | | Nashua | 100 | \$ 27.13 | \$ - Not included in approved 2020 Budget. |
| West Pearl Street, Final Restoration | 2020 Carryover Costs | 2000695 | DW17-183 | 26,101 | 2/2/2018 \$ | - | Yes | \$ 12,750 | | Nashua | Yes | | |
| Retainage | Paid out in 2020 on retainage held on 2019 projects. | N/A | DW17-183 DW17-183 | 26,101 26,101 | 2/2/2018 § 2/2/2018 § | <u>-</u> | Yes | \$ 162,383 | | Nashua | Yes | \$ 27.13 | \$ 4,451 |
| Retainage EALOG interest | Held on various projects listed above. Will be paid out in 2021. Interest accrued on PWW FALOC from 5/1/2020 to 4/1/2021. | N/A | DW17-183 DW17-183 | 26,101 26,101 | 2/2/2018 § 2/2/2018 § | - | Yes Yes | \$ (54,805 \$ 70,000 | | Nashua | Yes | \$ 27.13 \$ 28.45 | |
| FALOC interest Elm Street, Final Restoration | Interest accrued on PWW FALOC from 5/1/2020 to 4/1/2021. 2020 Carryover Costs | 2000696 | DW17-183 DW17-183 | 26,101 | 2/2/2018 § 2/2/2018 § | - | Yes | \$ 70,000 \$ 21,750 | | Various Nashua | No Yes | | Projected interest accrued on FALOC \$\$ for funding of 2020 Capex projects. Not included in approved 2020 Budget. |
| Warren Street, Final Restoration Warren Street, Final Restoration | 2020 Carryover Costs 2020 Carryover Costs | 2000696 | DW17-183 | 26,101 | 2/2/2018 § | <u> </u> | Yes | \$ 21,/50 \$ 1,500 | | Nashua | | \$ 27.13 \$ 27.13 | \$ 590 Not included in approved 2020 Budget. \$ 41 Not included in approved 2020 Budget. |
| New Drum Hand Truck | New Drum Hand Truck | 2003534 | DW17-183 | 26,101 | 2/2/2018 S | _ | Yes | . 1,500 | \$ 1,383 | Nashua | Yes | | \$ 38 |
| Replace Sludge Discharge Pump #1 | Replace Sludge Discharge Pump #1 | 2100054 | DW17-183 | 26,101 | 2/2/2018 § | _ | Yes | | \$ 3,522 | Nashua | | \$ 27.13 | \$ 96 |
| M-Scopes & Metal Detectors | M-Scopes & Metal Detectors | 2100055 | DW17-183 | 26,101 | 2/2/2018 § | | Yes | | \$ 9,910 | Nashua | | \$ 27.13 | \$ 269 |
| Off C DI : | Office Space Planning | 1806837, 1917427 | | 0.1 DSRR | \$ | - | No | | \$ 30,045 | Nashua | No | \$ 27.13 | s - |
| Office Space Planning | | | | | oital Expenditure Budget - \$ | | | \$ 6,876,855 | | Projected Property | | | \$ 157,103 |

| | | | 0.1 DSRR Funded project Total - | \$ | 229,300 | \$ | 334,800 | \$ | 849,428 |
|---|-------------|--------------------------------|--|----|-----------|----|-----------|----|-----------|
| | | To | tal Projected PWW QCPAC Capex for 2020 - | \$ | 9,766,400 | \$ | 6,542,055 | \$ | 6,101,832 |
| | | Total Projected PWW | QCPAC Capex for 2020 funded with Bonds - | \$ | 9,211,025 | \$ | 5,994,446 | \$ | 5,628,830 |
| Total Projected | PWW QCPAC C | apex for 2020 funded with Drir | nking Water and Groundwater Trust Fund - | \$ | 555,375 | \$ | 547,609 | \$ | 473,002 |
| | | Project An | nual P&I on 2020 QCPAC eligible Projects - | \$ | 530,560 | \$ | 355,254 | \$ | 331,380 |
| | | _ | | | | | | | |
| Estimated Bond Terms (Bonds to be sold in April 2021) - | 30 | Years @ | 3.5% | S | 500,816 | \$ | 325,926 | Ş | 306,047 |
| DWGTF Terms - | 30 | Years @ | 3.38% | S | 29.744 | S | 29,328 | S | 25,333 |

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

| | | | | | | | | | | | 1 |
|---|---|----------------------------|----------------------------------|-------------|---------------------------|----------------|-----------------------------|------------|----------------------|---|---|
| | | | | | | | | | | QCPAC Eligible | |
| | | Financing Dock | tet Da | te of NHPUC | Approved | | | | | Property Tax | Explanation for Change/Addition/Deletion since Feb 2021 |
| Project Name/Description | Project Description | Work Order # No. | NHPUC Order No. | Order | | CPAC Eligible? | Community | Taxable | Tax Rate (1) | Expense | Filing |
| Foreman Truck | Upfit of Foreman's Truck body at JC Madigans. | | 0.1 DSRR | | \$ 61,000 | No | Merrimack | Yes | \$ 27.02 | \$ 1,648 | , |
| 2021 New Services (10) | Single Family, Owner Build, New Homes | DW20-157 | Awaiting Appro | | \$ 50,000 | Yes | Various | Yes | \$ 27.02 | \$ 1,351 | |
| 2021 Renewed Services (20) | Replacement of Failed Services | DW20-157 | Awaiting Appro | | \$ 110,000 | Yes | Various | Yes | \$ 27.02 | | |
| 2021 Hydrants (15) 2021 Gates (10) | Replacement of non-functional hydrants Replacement of Failed Gate Valves | DW20-157 DW20-157 | Awaiting Appro Awaiting Appro | | \$ 90,000 \$ 40,000 | Yes Yes | Various Various | Yes Yes | \$ 27.02 \$ 27.02 | | |
| 2021 Gates (10) 2021 Radios (4250) | Yr 1 of 7 Replacment of all PWW Radios installed in 2007 (4000), New Radios for new customers (250). | DW20-157 | Awaiting Appro | | \$ 425,000 | Yes | Various | Yes | \$ 27.02 | \$ 11,484 | |
| 2021 Meters (Growth) 5/8"-2" - Core & CWS (TBD) | New meters for new customers (250). Replacement of failed meters(250). | DW20-157 | Awaiting Appro | | \$ 50,000 | Yes | Various | No | \$ 28.86 | Ÿ | |
| Replacement Utility Truck Replacement Utility Truck | Replacement for Truck #83 - 2011 F350, 110K miles, High maint costs & lots of body rust/rot. Replacement for Truck #9 - 2014 F350, 110K Miles, High maint costs & significant rust. | DW20-157 DW20-157 | Awaiting Appro Awaiting Appro | | \$ 70,000 \$ 70,000 | Yes Yes | Merrimack Merrimack | No No | \$ 28.86 \$ 28.86 | | |
| Replacement Full Size Pickup | Replacement for Truck #9 - 2014 F350, 110K miles, Fight maint costs & significant rust. Replacement for Truck #95 - 2008 Ford Ranger 110K miles did not pass inspection. | DW20-157 | Awaiting Appro | | \$ /0,000 \$ 45,000 | Yes | Merrimack Merrimack | No No | \$ 28.86 | 7 | |
| Replacement Full Size Pickup | Replacement for Truck # 20 - 2008 Ford Ranger 135K miles did not pass inspection. | DW20-157 | Awaiting Appro | | \$ 45,000 | Yes | Merrimack | No | \$ 28.86 | | |
| Replacement SUV - Meter Reading | Replacement for vehicle #21 - 2013 Chevy Equinox 135k miles, high maint costs & suspension issues. | DW20-157 | Awaiting Appro | | \$ 35,000 | Yes | Merrimack | No | \$ 26.63 | | |
| Landscape Improvements Replacement Valve/vac trailer | Irrigation system, loam & seed area at front of Distribution Building. Replacement for # 96 - 2010 EHWA Valvemate - Valve Turner not functional and cannot get parts. | DW20-157 DW20-157 | Awaiting Appro Awaiting Appro | | \$ 15,000 \$ 65,000 | Yes Yes | Merrimack Merrimack | Yes Yes | \$ 26.63 \$ 26.63 | | |
| Replacement Equipment Trailer | Replacement for # 53 - 14' BigTex Trailer - Excessive rust & rot and safety issues. | DW20-157 | Awaiting Appro | | \$ 7,500 | Yes | Merrimack | Yes | \$ 26.63 | | |
| Protectus Meter Upgrade | Protectus Meter Upgrade | DW20-157 | Awaiting Appro | val | \$ 22,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 586 | |
| Valve Turner & Vac Truck | Replacement for #60 - 15 Year Vac/Valve Trailer with excessive rot, will not pass inspection. | DW20-157 | Awaiting Appro | | \$ 200,000 | Yes | Merrimack | Yes | \$ 28.86 | , | |
| Office Space for Const & Maint Supervisor Locker Room Deep Wash Sinks | Permanent office space for Contruction & Maintenance Supervisor Deep stainless wash sinks to replace existing sinks in male & female locker rooms. | DW20-157 DW20-157 | Awaiting Appro Awaiting Appro | | \$ 15,000 \$ 10,000 | Yes Yes | Merrimack Merrimack | Yes Yes | \$ 28.86 \$ 28.86 | | |
| Locker Room Benches | Permanent Benches for Male & Female locker rooms. | DW20-157 DW20-157 | Awaiting Appro | | \$ 10,000 | Yes | Merrimack Merrimack | Yes | \$ 28.86 | | |
| Brook Street | Replace 225 LF of 4 inch and 915 LF of 6 inch CI with 1140 LF of 8 inch DIPCL. | DW20-157 | Awaiting Appro | | \$ 103,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| Hamilton Street | Replace 410 LF of 6 inch CI with 4 inch DIPCL. | DW20-157 | Awaiting Appro | | \$ 33,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| Burritt Street | Replace 425 LF of 4 inch CI with 8 inch DIPCL. | DW20-157 | Awaiting Appro | | \$ 24,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| Burritt Street Verona Street | Replace 125 LF of 4 inch CI with 4 inch DIPCL. Replace 675 LF of 6 inch CI with 8 inch DIPCL. | DW20-157 DW20-157 | Awaiting Appro Awaiting Appro | | \$ 12,000 \$ 56,000 | Yes Yes | Nashua Nashua | Yes Yes | \$ 26.63 \$ 26.63 | | |
| Sarasota Ave | Replace 250 LF of 6 inch CI with 8 inch DIPCL. | DW20-157 | Awaiting Appro | | \$ 24,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| Merrimack River Pumping Station | Add third 350 horsepower pump with electrical and Structural Improvements. | DW20-157 | Awaiting Appro | | \$ 140,000 | Yes | Merrimack | Yes | \$ 28.86 | \$ 4,040 | |
| Kessler Farm Tank Replacement | Replaced 4 MG painted steel water tank with 4 MG prestressed, precast water tank. | DW20-157 | Awaiting Appro | | \$ 4,000,000 | Yes | Nashua | No | \$ 26.63 | | |
| Coburn Woods (all side streets) Merrimack River Intake | Replace 4400 LF of 2 inch PVC with 4 inch DIPCL. Merrimack River Intake Modified Source Water Protection Plan | DW20-157 | Awaiting Appro 0.1 DSRR | val | \$ 1,855,000 \$ 30,000 | Yes | Nashua | No No | \$ 26.63 \$ 28.86 | T | |
| Balcom Street | Replace 1240 LF 6 inch Cl with 1240 LF 8 inch DIPCL. | DW20-157 | Awaiting Appro | val | \$ 294,000 | No Yes | Merrimack Nashua | No Yes | \$ 26.63 | | , |
| Euclid Avenue | Replace 425 LF 6 inch Cl with 425LF 8 inch DIPCL. | DW20-157 | Awaiting Appro | val | \$ 100,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 2,663 | |
| Sweet Hill Internnection | Connecting Pipeline and Meter Pit | | NHDES SRF ot DWGTF | | \$ 250,000 | Yes | Plaistow | Yes | \$ 29.00 | 4 .,=00 | |
| Twin Ridge Interconnection PWW RRA- ERP | Connecting Pipeline and Meter Pit | | NHDES SRF ot DWGTF 0.1 DSRR | | \$ 100,000 \$ 200,000 | Yes No | Plaistow | Yes No | \$ 29.00 \$ 27.02 | 7 -,,,,, | |
| Trimble GPS and Monitoring Equipment | Engineering Evaluations to Implement Recommendations Level Monitors, Pressure Monitors and Flow Monitors | DW20-157 | Awaiting Appro | val | \$ 200,000 | Yes | Various Various | Yes | \$ 27.02 \$ 27.02 | T | |
| Merrimack River Watershed Council | Grant Match with othe Stakeholders \$40k for five years. | DW20-157 | Awaiting Appro | | \$ 40,000 | No | Various | No | \$ 27.02 | | |
| Investment in Developer Services | 1x Annual Revenue | DW20-157 | Awaiting Appro | | \$ 90,000 | Yes | Various | Yes | \$ 27.02 | , | |
| Engineering Vehicle | SUV Replaces a 2014 vehicle with over 150,000 miles. | DW20-157 | Awaiting Appro | | \$ 30,000 | Yes | Nashua | No | \$ 26.63 | | |
| Engineering Vehicle COO Vehicle | SUV Relpaces (#34) 2010 with over 196,000 miles. SUV Replaces a 2014 vehicle with over 150,000 miles. | DW20-157 DW20-157 | Awaiting Appro Awaiting Appro | | \$ 30,000 \$ 30,000 | Yes Yes | Nashua Nashua | No No | \$ 26.63 \$ 26.63 | | - |
| Bon Terrain Contractual Payment | Phase 1 payment per SNHWC contract with Tana Properties. | DW20-157 | Awaiting Appro | | \$ 129,200 | Yes | Amherst | No | \$ 29.00 | | + |
| Booster Pump replacement/rebuild | Booster Pump replacement/rebuild | DW20-157 | Awaiting Appro | val | \$ 40,000 | Yes | Various | Yes | \$ 27.02 | \$ 1,081 | |
| Well Pump replacements | Well Pump replacements | DW20-157 | Awaiting Appro | | \$ 15,000 | Yes | Various | Yes | \$ 27.02 | | |
| Chemical Feed pump replacements Supply Pond Spillway Improvements | Chemical Feed pump replacements Supply Pond Spillway Improvements | DW20-157 DW20-157 | Awaiting Appro Awaiting Appro | | \$ 10,000 \$ 750,000 | Yes Yes | Various Merrimack/Nashua | Yes Yes | \$ 27.02 \$ 27.75 | \$ 270 \$ 20,813 | |
| Harris Dam raise earthen embankment, raise dike wall, regulatory requirement. | | DW20-157 | Awaiting Appro | | \$ 965,000 | Yes | Merrimack/Nashua | Yes | \$ 27.75 | | |
| Misc. Structural Improvements | Misc. Structural Improvements | DW20-157 | Awaiting Appro | | \$ 20,000 | Yes | Various | Yes | \$ 27.02 | \$ 540 | |
| Miscellaneous Equipment Purchased | Miscellaneous Equipment Purchased | DW20-157 | Awaiting Appro | | \$ 20,000 | Yes | Various | Yes | \$ 27.02 | | |
| Miscellaneous SCADA/Electrical Rebuild 1 High lift/Intermediate pump | Miscellaneous SCADA/Electrical Rebuild 1 High lift/Intermediate pump | DW20-157 DW20-157 | Awaiting Appro Awaiting Appro | | \$ 30,000 \$ 25,000 | Yes | Various Nashua | Yes Yes | \$ 27.05 \$ 26.63 | 7 0 | |
| WTP Structural/HVAC | WTP Structural/HVAC | DW20-157 | Awaiting Appro | | \$ 25,000 | Yes Yes | Various | Yes | \$ 27.02 | - | |
| Purchase new lab equipment | Purchase new lab equipment | DW20-157 | Awaiting Appro | | \$ 20,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 533 | |
| Miscellaneous Fencing and Security projects | Miscellaneous Fencing and Security projects | DW20-157 | Awaiting Appro | | \$ 10,000 | Yes | Various | Yes | \$ 27.02 | | |
| Add Third pump - Donald Street Booster Station | Add Third pump - Donald Street Booster Station | DW20-157 | Awaiting Appro | | \$ 40,000 | Yes | Bedford | Yes | \$ 25.50 | | <u> </u> |
| Vehicle replacement Vehicle replacement | Vehicle replacement-replace vehicle 210. >160,000 miles, 3K repairs in 2020. Vehicle replacement - Replace vehicle 351. >163,000 miles, 6K repairs in 2020. | DW20-157 DW20-157 | Awaiting Appro Awaiting Appro | | \$ 55,000 \$ 40,000 | No No | Nashua Nashua | No No | \$ 26.63 \$ 26.63 | | + |
| Replace 6 filter turbidimeters (manufacturer no longer supports current units). | Replace 6 filter turbidimeters (manufacturer no longer supports current units). | DW20-157 | Awaiting Appro | | \$ 30,000 | Yes | Nashua | Yes | \$ 26.63 | | † |
| Rebuild of Pump 2 @ Merrimack River Intake. | Rebuild of Pump 2 @ Merrimack River Intake. | DW20-157 | Awaiting Appro | val | \$ 75,000 | Yes | Merrimack | Yes | \$ 28.86 | \$ 2,165 | |
| Repair/Replace Soffit and Fascia, Boat House Bldg. | Repair/Replace Soffit and Fascia, Boat House Bldg. | DW20-157 | Awaiting Appro | val | \$ 30,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 799 | |
| Install new Day Fuel Tank, Controller and related equip. FWPS Generator | Regulatory requirement, existing equipment is malfunctioning and unreliable, Soft metals present in piping system which is not allowed. | DW20-157 | Awaiting Appro | val | \$ 75,000 | Yes | Nashua | No | \$ 26.63 | s | |
| CMMS replacment project (Estimate) | Replace Synergen/WAM with newer more cost effective/improved functionality system. | DW20-157 | Awaiting Appro | val | \$ 100,000 | Yes | Nashua | Yes | \$ 26.63 | 7 | , |
| Infoview Licenses | Infoview Licenses | DW20-157 | Awaiting Appro | | \$ 65,000 | No | Nashua | No | \$ 26.63 | | |
| | The new phone system, these phone lines use the internet to make and receive telephone calls. We | | | | | | | | | | |
| | currently only have a single internet feed for the office and the WTP/Distribution facilities. This project | | | | | | | | | | , |
| Redundant Internet | provides a secondary internet feed into the Distribution facility which internet will provide us a | DW20-157 | Awaiting Appro | val | \$ 69,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 1,837 | |
| | redundant path to the internet in case one fails. This secondary internet feeds the internet load from the 3 major locations between the 2 internet connections instead of one. | | | | | | | | | | |
| | o major rocations between the 2 internet connections instead of one. | | | | | | | | | | |
| L | Update both the Treatment plant and Distribution to the same security system that the new HQ is using | | | | | | | | | | |
| Treatment Plant and Distribution security retrofit | so that there is one badge procedure and system to maintain. It will also gives us better analytics and | DW20-157 | Awaiting Appro | val | \$ 37,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 985 | , |
| | notifications of access to each of the buildings. | | | | | | | | | | |
| IT Storage Room / Work Room | Add tool box, work bench and parts storage to the IT room to keep things organized to provide a place to work on physical computers and perform repairs. | DW20-157 | Awaiting Appro | val | \$ 4,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 107 | |
| Cybernetics Disk Array | Replace 7 year of device used for system back ups. | DW20-157 | Awaiting Appro | val | \$ 4,000 | Yes | Nashua Nashua | No | \$ 26.63 \$ 26.63 | | + |
| | The majority of the office computers will be 5 years old in 2021. The plan is create a Virtual Desktop | | 3 11 | | | | | | | - | |
| l.c. 12 11 | that will support up to 50 concurrent users. By shifting the computing and disk requirements to a client | | | | | | | | | | 1 |
| Virtual Desktops | server will increase computer speed that will allow the existing desktops to remain in service for several more years. Additionally the client server provides more flexibility to the end user to allow them to work | DW20-157 | Awaiting Appro | val | \$ 106,000 | Yes | Nashua | No | \$ 26.63 | \$ - | |
| | at other locations and still get all their settings and programs to perform their job. | | | | | | | | | | , |
| Computer Updates | There are 30 Computers that are due for replacement in 2023. These computers have very slow hard drive | es which make the DW20-157 | Awaiting Appro | val | \$ 6,000 | Yes | Nashua | No | \$ 26.63 | \$ - | † |
| Snow Station Switch Replacement | Replace the outdated switch that connects the fiber optic cable from outsdie to the inside of the WTP. | DW20-157 | Awaiting Appro | | \$ 1,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 27 | |
| Munis FER Enancements | Munis FER Enhancements | DW20-157 | Awaiting Appro | rro1 | \$ 35,000 | Yes | Nashua | No | \$ 26.63 | 9 | |

| Project Name/Description | Project Description | Work Order# | Financing Docket No. | Date of NHPU NHPUC Order No. Order | | Approved Igeted Amount | QCPAC Eligible? | Community | Taxable | Tax Rate (1) | QCPAC Eligible Property Tax Expense | Explanation for Change/Addition/Deletion since Feb 2021 Filing |
|--------------------------------|---|------------------|-------------------------|--|----------|---------------------------|-----------------|-----------------|------------------|-----------------|--|---|
| Click to Munis Data interfaces | Implement connection between ClickSoft and Munis to reduce the need of user to duplicate data entery into Munis from information captured in ClickMobile. | | DW20-157 | Awaiting Approval | \$ | 20,000 | Yes | Nashua | No | \$ 26.63 | \$ - | |
| CMMS PLL Implementation | Implementation of Cityworks PLL. Cityworks PLL simplifies applications for customers and streamlines work | flows for staff. | DW20-157 | Awaiting Approval | \$ | 170,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 4,527 | |
| Cityworks PLL License | License for above (Estimate) | | DW20-157 | Awaiting Approval | \$ | 40,000 | Yes | Nashua | No | \$ 26.63 | \$ - | |
| Misc Hardware | Misc Hardware | | DW20-157 | Awaiting Approval | \$ | 20,000 | Yes | Various | No | \$ 27.02 | \$ - | |
| Misc Software | Misc Software | | DW20-157 | Awaiting Approval | \$ | 12,000 | Yes | Various | No | \$ 27.02 | \$ - | |
| WTP Wifi expansion | WTP Wifi expansion | | DW20-157 | Awaiting Approval | \$ | 15,000 | Yes | Nashua | No | \$ 26.63 | \$ - | |
| | | Pennichu | ick Water Works Projec | cted 2021 Total Capital Expenditure Budg | get - \$ | 12,015,200 | | Projected Prope | erty Tax Expense | associated with | \$ 133,190 | |

Total Projected Bond funded PWW QCPAC Capex for 2021 - \$
Total Projected NHDES SRF/DWGTF funded PWW QCPAC Capex for 2021 - \$
Total for 0.1 DSRR Projects - \$ 11,374,200 350,000

291,000

Estimated Bond Terms (Bonds to be sold in April 2022) - DWGTF Terms -4.0% resulting in P&I of \$ 3.38% resulting in P&I of \$ 657,771 18,745 Years @ Years @

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

| | | | | | | | | | | | OCDAG | |
|--|--|--|-----------------------|-----------------------|----------------------|--------------------------|-----------------|------------------------|----------------|----------------------|---|---|
| | | | | | | | | | | | QCPAC Eligible | |
| | | | Financing Docket | NHPUC Order | Date of NHPUC | Approved | | | | | Property Tax | Explanation for Change/Addition/Deletion since Feb 2021 |
| Project Name/Description | Project Description | Work Order # | No. | No. | Order | Budgeted Amount | QCPAC Eligible? | Community | Taxable | Tax Rate (1) | Expense | Filing |
| 2022 New Services (10) | Single Family, Owner Build, New Homes | | DW20-157 | Awaiting | Approval | \$ 50,000 | Yes | Various | Yes | \$ 27.02 | \$ 1,351 | |
| 2022 Renewed Services (20) | Replacement of Failed Services | | DW20-157 | Awaiting | 1.1 | \$ 110,000 | Yes | Various | Yes | \$ 27.02 | , , , , , , | |
| 2022 Hydrants (15) | Replacement of non-functional hydrants | | DW20-157 | Awaiting | 1 1 | \$ 90,000 | Yes | Various | Yes | \$ 27.02 | , | |
| 2022 Gates (10) 2022 Radios (500) | Replacement of Failed Gate Valves | | DW20-157 DW20-157 | Awaiting | 1.1 | \$ 40,000 \$ 50.000 | Yes | Various Various | Yes | \$ 27.02 | | |
| 2022 Radios (500) 2022 Radios (4000) | Replacement of failed Radios (250), New Radios for new customers (250). Yr 2 of 7 Replacement of all PWW Radios installed in 2007 (4000) by contractor. | | DW20-157 | Awaiting Awaiting | | \$ 520,000 | Yes Yes | Various Various | Yes Yes | \$ 27.02 \$ 27.02 | | |
| 2022 Natios (4000) 2022 Meters (Growth) 5/8"-2" - Core & CWS (TBD) | New meters for new customers, including PFOA (250). Replacement of failed meters(250). | | DW20-157 | Awaiting | 11 | \$ 50,000 | Yes | Various | Yes | \$ 28.86 | | |
| Replacement Boom Truck | Replacement for #19 - 2011 Ford F450 - High Milage, Maintenance & Safety issues. | | DW20-157 | Awaiting | Approval | \$ 150,000 | Yes | Merrimack | No | \$ 28.86 | \$ - | |
| Replacement Utility Truck | New Utility Truck to replace existing high mileage/maintenance vehicles. | | DW20-157 | Awaiting | 1.1 | \$ 70,000 | Yes | Merrimack | No | \$ 28.86 | | |
| Replacement Utility Truck | New Utility Truck to replace existing high mileage/maintenance vehicles. | | DW20-157 DW20-157 | Awaiting | 1 1 | \$ 70,000 \$ 45.000 | Yes | Merrimack | No | \$ 26.63 | | |
| Replacment Supervisor Pickup Replacement Utility Van | New Full Sized Pickup to Replace existing high mileage/maintenance pickup. New Utility Van to replace existing high mileage/maintenance vehicles. | | DW20-157 | Awaiting Awaiting | 1.1 | \$ 40,000 | Yes Yes | Merrimack Merrimack | No No | \$ 26.63 \$ 26.63 | | |
| Protectus Meter Upgrade | Protectus Meter Upgrade | | DW20-157 | Awaiting | | \$ 22,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| Miscellaneous Construction Equipment | -10 | | | 0.1 DSRR | 11 | \$ 40,000 | Yes | Merrimack | Yes | \$ 26.63 | \$ 1,065 | |
| Balcom Street | Replace 1240 LF 6 inch Cl with 1240 LF 8 inch DIPCL. | | DW20-157 | Awaiting | 1.1 | \$ 73,600 | Yes | Nashua | Yes | \$ 26.63 | | |
| Euclid Avenue | Replace 425 LF 6 inch Cl with 425 LF 8 inch DIPCL. | | DW20-157 | Awaiting | 1 1 | \$ 25,200 | Yes | Nashua | Yes | \$ 26.63 | 4 0,1 | |
| Fairview Street | Replace 800 LF 6 inch CI with 800 LF 8 inch DIPCL. Replace 900 LF of 8 inch CI with 12 inch DIPCL. | | DW20-157 DW20-157 | Awaiting Awaiting | 1.1 | \$ 47,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| Temple St (south to gorman) School Street (High to W. Pearl Alleyway) | Replace 400 LF of 8 inch CI with 8 inch DIPCL. | 1 | DW20-157 | Awaiting | 1 1 | \$ 66,000 \$ 27,000 | Yes Yes | Nashua Nashua | Yes Yes | \$ 26.63 \$ 26.63 | | |
| Sargent Street | Replace 1900 LF 6 inch CI with 1900 LF 16 inch DIPCL. | 1 | DW20-157 | Awaiting | 1.1 | \$ 480,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| Courtland Street | Replace 1170 LF 4 inch CI with 1170 LF 16 inch DIPCL. | | DW20-157 | Awaiting | 1.1 | \$ 300,000 | Yes | Nashua | Yes | \$ 26.63 | . , | |
| Alld Street | Replace 1860 LF of 6 & 8 inch Cl with 12 inch DIPCL. | | DW20-157 | Awaiting | 1.1 | \$ 740,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| Lawndale Avenue | Replace 1085 LF of 6 inch Cl with 12 inch DIPCL. | | DW20-157 | Awaiting | | \$ 420,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| Benson Avenue Spaulding Street | Replace 550 LF of 4 inch Cl with 8 inch DIPCL. Replace 950 LF of 6 inch Cl with 8 inch DIPCL. | | DW20-157 DW20-157 | Awaiting Awaiting | * * | \$ 160,000 \$ 280,000 | Yes Yes | Nashua Nashua | Yes Yes | \$ 26.63 \$ 26.63 | | |
| Alstead Avenue | Replace 240 LF of 4 inch Cl with 4 inch DIPCL. | | DW20-157 | Awaiting | - 1 1 | \$ 280,000 | Yes | Nashua | Yes | \$ 26.63 | . , | |
| Spaulding Avenue | Replace 430 LF of 6, 2, & 1.25 inch CI with 4 inch DIPCL. | | DW20-157 | Awaiting | 1.1 | \$ 80,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| St Lazare Street | Replace 415 LF of 2 inch CI with 4 inch DIPCL. | | DW20-157 | Awaiting | Approval | \$ 80,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 2,130 | |
| Ingalls St (St Camille to end) | Replace 200 LF of 1.5 inch Cl with 4 inch DIPCL. | | DW20-157 | Awaiting | 1.1 | \$ 40,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 1,065 | |
| Nye Avenues | Replace 400 LF of 2 & 1.5 inch Cl with 4 inch DIPCL. | | DW20-157 | Awaiting | | \$ 73,000 | Yes | Nashua | Yes | \$ 26.63 | , , , , , | |
| Copp Street Fairview Street | Replace 350 LF of 6 inch Cl with 8 inch DIPCL. Replace 800 LF 6 inch Cl with 800 LF 8 inch DIPCL. | | DW20-157 DW20-157 | Awaiting Awaiting | 1.1 | \$ 103,000 \$ 189,000 | Yes Yes | Nashua Nashua | Yes Yes | \$ 26.63 \$ 26.63 | , , , , , , | |
| Gray Avenue | Replace 360 LF of 6 inch CI with 6 inch DIPCL. | | DW20-157 | Awaiting | 1.1 | \$ 85,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| Additional Water Main Replacement | To be determined | | DW20-157 | Awaiting | 1 1 | \$ 1,100,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 29,293 | |
| 2022 Nashua City Sewer Projects | To be determined | | DW20-157 | Awaiting | * * | \$ 900,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 23,967 | |
| PWW RRA- ERP | Implement Recommendations Evaluated in 2021 | | DW20-157 | Awaiting | Approval | \$ 500,000 | Yes | Various | Yes | \$ 27.02 | \$ 13,510 | |
| Merrimack River Watershed Council | Grant Match with other Stakeholders \$40k for five years for land conservation/protection in the Merrimack River Watershed. | | | 0.1 DSRR | | \$ 40,000 | No | Various | No | \$ 27.02 | \$ - | |
| Investment in Developer Services | 1x Annual Rvenue | | DW20-157 | Awaiting | 11 | \$ 90,000 | Yes | Various | Yes | \$ 27.02 | \$ 2,432 | |
| Replace Engineering Pickup | Replace vehicle with high mileage. | | DW20-157 | Awaiting | | \$ 40,000 | Yes | Nashua | No | \$ 26.63 | | |
| Replace Engineering Pickup | Replace vehicle with high mileage. | | DW20-157 | Awaiting | 1 1 | \$ 40,000 | Yes | Nashua | No | \$ 26.63 | | |
| Milford Booster Station Temple St (south to gorman) | Replace/Relocate/Upgrade the Milford Booster Station (>4MGD) Replace 900 LF of 8 inch CI with 12 inch DIPCL. | | DW20-157 DW20-157 | Awaiting Awaiting | 1.1 | \$ 800,000 \$ 263,000 | Yes Yes | Amherst Nashua | Yes Yes | \$ 29.00 \$ 26.63 | . , | |
| School Street (High to W. Pearl Alleyway) | Replace 400 LF of 4 inch Cl with 8 inch DIPCL. | | DW20-157 | Awaiting | 1.1 | \$ 108,000 | Yes | Nashua | Yes | \$ 26.63 | , | |
| Linwood Street | Replace 960 LF of 6 inch CI with 8 inch DIPCL. | | DW20-157 | Awaiting | ** | \$ 283,800 | Yes | Nashua | Yes | \$ 26.63 | . , | |
| Booster Pump replacement/rebuild | Booster Pump replacement/rebuild | | DW20-157 | Awaiting | Approval | \$ 40,000 | Yes | Various | Yes | \$ 27.02 | \$ 1,081 | |
| Well Pump replacements | Well Pump replacements | | DW20-157 | Awaiting | * * | \$ 15,000 | Yes | Various | Yes | \$ 27.02 | | |
| Chemical Feed pump replacements Install/replace treatment systems in small CWS. | Chemical Feed pump replacements Install/replace treatment systems in small CWS. | | DW20-157 | Awaiting Awaiting | Approval | \$ 10,000 | Yes | Various | Yes | \$ 27.02 | \$ 270 \$ 405 | |
| Misc. Structural Improvements | Misc. Structural Improvements | | DW20-157 DW20-157 | Awaiting | | \$ 15,000 \$ 15,000 | Yes Yes | Various Various | Yes Yes | \$ 27.02 \$ 27.02 | | |
| Miscellaneous Equipment Purchased | Miscellaneous Equipment Purchased | | DW20-157 | | Approval | \$ 20,000 | Yes | Various | Yes | \$ 27.02 | | |
| Miscellaneous SCADA/Electrical | Miscellaneous SCADA/Electrical | | DW20-157 | Awaiting | Approval | \$ 30,000 | Yes | Various | Yes | \$ 27.02 | | |
| Well Rehabilitation | Well Rehabilitation | | DW20-157 | Awaiting | * * | \$ 50,000 | Yes | Various | Yes | \$ 27.02 | | |
| WTP Structural/HVAC | WTP Structural/HVAC | - | DW20-157 | Awaiting | 1.1 | \$ 10,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| Purchase new lab equipment Miscellaneous Fencing and Security projects | Purchase new lab equipment Miscellaneous Fencing and Security projects | - | DW20-157 DW20-157 | Awaiting Awaiting | Approval Approval | \$ 20,000 \$ 10,000 | Yes Yes | Nashua Nashua | Yes Yes | \$ 26.63 \$ 26.63 | | |
| Re-paint FWPS ceiling | Re-paint FWPS ceiling | | DW20-157 | Awaiting | | \$ 10,000 | Yes | Nashua Nashua | Yes | \$ 26.63 | | |
| WTP Replace Vehicle | Replace High Mileage Vehicle. | | DW20-157 | | Approval | \$ 65,000 | Yes | Nashua | No | \$ 26.63 | | |
| WTP Replace Vehicle | Replace High Mileage Vehicle. | | DW20-157 | Awaiting | Approval | \$ 40,000 | Yes | Nashua | No | \$ 26.63 | \$ - | |
| Bowers Spillway Reconstruction, regulatory requirement | Bowers Spillway Reconstruction, regulatory requirement | | DW20-157 | Awaiting | Approval | \$ 1,100,000 | Yes | Nashua | No | \$ 26.63 | | |
| Misc Hardware | Misc Hardware Misc Software | 1 | 1 | 0.1 DSRR 0.1 DSRR | | \$ 20,000 | | Nashua | No | \$ 26.63 | | |
| Misc Software Network Hardawre infrastructure improvements | Update aging network infrustructure. | 1 | DW20-157 | | Approval | \$ 12,000 \$ 80,000 | No Yes | Nashua Nashua | No No | \$ 26.63 \$ 26.63 | | |
| Major Software Replacement Project | Specie aging notifork initiourabidio. | | D w 20 '137 | 0.1 DSRR | PP | \$ 60,000 | No | Nashua | No | \$ 26.63 | | |
| Munis Enhancements | Munis Enhancements | | DW20-157 | Awaiting | Approval | \$ 35,000 | | Nashua | No | \$ 26.63 | | |
| | | Pennichuck Wa | ter Works Projected 2 | 2022 Total Capital Ex | penditure Budget - | \$ 10,508,600 | | Projected P | roperty Tax Ex | pense associated | \$ 231,710 | |
| | | | | | | | | | | _ | _ | |

10,336,600

Total Projected Bond funded PWW QCPAC Capex for 2021 - \$
Total Projected NHDES SRF/DWGTF funded PWW QCPAC Capex for 2021 - \$
Total for 0.1 DSRR Projects - \$

172,000

Estimated Bond Terms (Bonds to be sold in April 2022) -30 Years @ 4.0% resulting in P&I of \$ 597,767

Pennichuck Water Works, Inc. DW 21-xxx Projected 2023 QCPAC Capital Expenditures 2/11/2021 Revised 6/16/2020 per Staff Tech DR-1

| Project Name/Description | | | Financing Docket | NHPUC Order No. | Date of NHPUC Order | Approved | QCPAC | Community | Tanabla | To But (1) | QCPAC Eligible Property Tax | - |
|---|--|--------------|----------------------|----------------------|------------------------|-------------------------|------------|--------------------|-----------------|----------------------|---|----------|
| , , , , | Project Description | Work Order # | No. | | | Budgeted Amount | Eligible? | Community | Taxable | Tax Rate (1) | Expense | Filing |
| 2023 New Services (10) | Single Family, Owner Build, New Homes | | DW20-157 | Awaiting | 1.1 | \$ 50,000 | Yes | Various | Yes | \$ 27.02 | , ,,,, | |
| 2023 Renewed Services (20) | Replacement of Failed Services | | DW20-157 | Awaiting | * * | \$ 110,000 | Yes | Various | Yes | \$ 27.02 | | |
| 2023 Hydrants (15) | Replacement of non-functional hydrants | | DW20-157 | Awaiting | * * | \$ 90,000 | Yes | Various | Yes | \$ 27.02 | | |
| 2023 Gates (10) | Replacement of Failed Gate Valves | | DW20-157 | Awaiting | * * | \$ 40,000 | Yes | Various | Yes | \$ 27.02 | . , , , , , , , , , , , , , , , , , , , | |
| 2023 Radios (500) | Replacement of failed Radios (250), New Radios for new customers (250). | | DW20-157 | Awaiting | 1.1 | \$ 50,000 | Yes | Various | Yes | \$ 27.02 | 1 , | |
| 2023 Radios (4000) 2023 Meters (Growth) 5/8"-2" - Core & CWS (TBD) | Yr 2 of 7 Replacment of all PWW Radios installed in 2007 (4000) by contractor. New meters for new customers, including PFOA (250). Replacement of failed meters(250). | | DW20-157 DW20-157 | Awaiting Awaiting | | \$ 520,000 \$ 50,000 | Yes Yes | Various Various | Yes Yes | \$ 27.02 \$ 27.02 | | |
| Replacement Utility Truck | New Utility Truck to replace existing high mileage/maintenance vehicles. | | DW20-157 | Awaiting | * * | \$ 70,000 | Yes | Merrimack | No. | \$ 28.86 | | |
| Replacement Utility Truck | New Utility Truck to replace existing high mileage/maintenance vehicles. | | DW20-157 | Awaiting | 11 | \$ 70,000 | Yes | Merrimack | No | \$ 28.86 | | |
| Replacement Supervisor Pickup | New Full Sized Pickup to Replace existing high mileage/maintenance pickup. | | DW20-157 | Awaiting | * * | \$ 45,000 | Yes | Merrimack | No | \$ 28.86 | | |
| Replacement Utility Van | New Utility Van to replace existing high mileage/maintenance vehicles. | - | DW20-157 | Awaiting | * * | \$ 40,000 | Yes | Merrimack | No | \$ 28.86 | | |
| Protectus Meter Upgrade | Protectus Meter Upgrade | - | DW20-157 | Awaiting | * * | \$ 22,000 | Yes | Nashua | No | \$ 26.63 | | |
| Miscellaneous Construction Equipment | Miscellaneous Construction Equipment | | | 0.1 DSRR | ** | \$ 40,000 | Yes | Merrimack | Yes | \$ 28.86 | \$ 1,154 | |
| PWW RRA- ERP | Implement Recommendations Evaluated in 2021. | | DW20-157 | Awaiting | Approval | \$ 500,000 | Yes | Various | Yes | \$ 27.02 | | |
| Sargent Street | Replace 1900 LF 6 inch CI with 1900 LF 16 inch DIPCL. | | DW20-157 | Awaiting | Approval | \$ 84,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 2,237 | |
| Courtland Street | Replace 1170 LF 4 inch CI with 1170 LF 16 inch DIPCL. | | DW20-157 | Awaiting | Approval | \$ 52,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| Alld Street | Replace 1860 LF of 6 & 8 inch Cl with 12 inch DIPCL. | | DW20-157 | Awaiting | Approval | \$ 130,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| Lawndale Avenue | Replace 1085 LF of 6 inch CI with 12 inch DIPCL. | | DW20-157 | Awaiting | Approval | \$ 73,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 1,944 | |
| Benson Avenue | Replace 550 LF of 4 inch CI with 8 inch DIPCL. | | DW20-157 | Awaiting | Approval | \$ 28,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 746 | |
| Spaulding Street | Replace 950 LF of 6 inch CI with 8 inch DIPCL. | | DW20-157 | Awaiting | Approval | \$ 48,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 1,278 | <u> </u> |
| Alstead Avenue | Replace 240 LF of 4 inch CI with 4 inch DIPCL. | | DW20-157 | Awaiting | Approval | \$ 11,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 293 | |
| Spaulding Avenue | Replace 430 LF of 6, 2, & 1.25 inch Cl with 4 inch DIPCL. | | DW20-157 | Awaiting | Approval | \$ 14,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 373 | |
| St Lazare Street | Replace 415 LF of 2 inch CI with 4 inch DIPCL. | | DW20-157 | Awaiting | Approval | \$ 14,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 373 | |
| Ingalls St (St Camille to end) | Replace 200 LF of 1.5 inch CI with 4 inch DIPCL. | | DW20-157 | Awaiting | Approval | \$ 6,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 160 | |
| Nye Avenues | Replace 400 LF of 2 & 1.5 inch CI with 4 inch DIPCL. | | DW20-157 | Awaiting | Approval | \$ 13,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 346 | |
| Copp Street | Replace 350 LF of 6 inch CI with 8 inch DIPCL. | | DW20-157 | Awaiting | Approval | \$ 18,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 479 | |
| Gray Avenue | Replace 360 LF of 6 inch CI with 6 inch DIPCL. | | DW20-157 | Awaiting | Approval | \$ 15,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 399 | |
| 2022 Nashua City Sewer Projects | To be detremined (Paving) | | DW20-157 | Awaiting | 1.1 | \$ 200,000 | Yes | Nashua | Yes | \$ 26.63 | \$ 5,326 | |
| Fairview Street | Replace 800 LF 6 inch CI with 800 LF 8 inch DIPCL. | | DW20-157 | Awaiting | * * | \$ 47,000 | Yes | Nashua | Yes | \$ 26.63 | 7 -3-0- | |
| Water Main Replacement Additional Paving Carry Over | TBD from 2022 | | DW20-157 | Awaiting | 1.1 | \$ 400,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| Booster Station Replacement/Upgrade | To be determined | | DW20-157 | Awaiting | * * | \$ 800,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| Water Main Replacement | To be determined | | DW20-157 | Awaiting | * * | \$ 3,700,000 | Yes | Nashua | Yes | \$ 26.63 | | |
| 2023 Nashua City Sewer Projects | To be determined | | DW20-157 | Awaiting | Approval | \$ 900,000 | Yes | Nashua | Yes | \$ 26.63 | T -0,7 0. | |
| Merrimack River Watershed Council | Grant Match with other Stakeholders \$40k for five years. | | | 0.1 DSRR | | \$ 40,000 | No | Various | No | \$ 27.02 | | |
| Trimble GPS and Monitoring Equipment | Level Monitors, Pressure Monitors and Flow Monitors | | DW20-157 | Awaiting | * * | \$ 32,000 | Yes | Merrimack | No | \$ 28.86 | | |
| Investment in Developer Services | 1x Annual Rvenue | | DW20-157 | Awaiting | * * | \$ 90,000 | Yes | Various | Yes | \$ 27.02 | | |
| Replace Engineering SUV | Replace vehicle with high mileage. | | DW20-157 | Awaiting | | \$ 30,000 | Yes | Various | Yes | \$ 28.86 | | |
| Replace Engineering Pickup | Replace vehicle with high mileage. | | DW20-157 | Awaiting | | \$ 40,000 | No | Various | Yes | \$ 28.86 | | |
| Booster Pump replacement/rebuild | Booster Pump replacement/rebuild | | DW20-157 DW20-157 | Awaiting | * * | \$ 40,000 \$ 15,000 | Yes | Various | Yes | \$ 28.86 | | |
| Well Pump replacements | Well Pump replacements | | DW20-157 DW20-157 | Awaiting Awaiting | | 7 | Yes | Various | Yes | \$ 26.23 | | |
| Chemical Feed pump replacements Carbon media changeout-filters 1 & 2 (Spring of 2023) | Chemical Feed pump replacements Carbon media changeout-filters 1 & 2 | | DW20-157 | Awaiting | | \$ 15,000 \$ 500,000 | Yes Yes | Various Nashua | Yes Yes | \$ 26.23 \$ 26.23 | | |
| Install/replace treatment systems in small CWS. | Install/replace treatment systems in small CWS. | | DW20-157 | Awaiting | * * | \$ 15,000 | Yes | Various | Yes | \$ 26.23 | | |
| Misc. Structural Improvements | Misc. Structural Improvements | | DW20-157 | Awaiting | * * | \$ 20,000 | Yes | Various | Yes | \$ 26.23 | | |
| Miscellaneous Equipment Purchased | Miscellaneous Equipment Purchased | | DW20-157 | Awaiting | | \$ 20,000 | Yes | Various | Yes | \$ 26.23 | | |
| Miscellaneous SCADA/Electrical | Miscellaneous SCADA/Electrical | | DW20-157 | Awaiting | * * | \$ 20,000 | Yes | Various | Yes | \$ 26.23 | | |
| Well Rehabilitation | Well Rehabilitation | | DW20-157 | Awaiting | * * | \$ 50,000 | Yes | Various | Yes | \$ 28.86 | | |
| WTP Structural/HVAC | WTP Structural/HVAC | | DW20-157 | Awaiting | * * | \$ 10,000 | Yes | Nasnua | Yes | \$ 28.86 | , | |
| Purchase new lab equipment | Purchase new lab equipment. | | DW20-157 | Awaiting | 11 | \$ 20,000 | Yes | Nashua | No | \$ 26.23 | 7 | |
| Miscellaneous Fencing and Security projects | Miscellaneous Fencing and Security projects | | DW20-157 | Awaiting | ** | \$ 20,000 | Yes | Various | Yes | \$ 27.02 | | |
| Replace Vehicle | Replace High Mileage Vehicle. | | DW20-157 | | Approval | \$ 65,000 | Yes | Nashua | No | \$ 28.86 | \$ - | |
| Carbon media chageout - 3 & 4 (Fall of 2023) | Carbon media chageout - 3 & 4 | | DW20-157 | Awaiting | | \$ 500,000 | Yes | Nasnua | Yes | \$ 28.86 | \$ 14,430 | |
| Replace Vehicle | Replace High Mileage Vehicle. | | DW20-157 | | Approval | \$ 40,000 | Yes | Nashua | No | \$ 26.23 | , ,, | |
| Misc Hardware | Misc Hardware | | | 0.1 DSRR | ** | \$ 20,000 | No | Nashua | No | \$ 26.23 | | |
| Misc Software | Misc Software | | | 0.1 DSRR | | \$ 12,000 | No | Nashua | No | \$ 26.23 | _ | |
| Network Hardware infrastructure improvements | Update aging network infrustructure. | | DW20-157 | Awaiting | Approval | \$ 80,000 | Yes | Nashua | No | \$ 26.23 | | |
| Major Software Replacement Project | -1 5 5 | | | 0.1 DSRR | ** | \$ 60,000 | No | Nashua | No | \$ 26.23 | | |
| Munis Enhancements | Munis Enhancements | | | 0.1 DSRR | | \$ 35,000 | No | Amherst | No | \$ 28.85 | _ | |
| Misc Computer replacements | | | | 0.1 DSRR | | \$ 15,000 | No | Nashua | No | \$ 26.23 | | |
| · · · | | | • | | penditure Budget - | | | | rty Tax Expense | | h \$ 251,929 | İ |

Total Projected Bond funded PWW QCPAC Capex for 2021 - \$
Total Projected NHDES SRF/DWGTF funded PWW QCPAC Capex for 2021 - \$
Total for 0.1 DSRR Projects - \$ 9,832,000

222,000

Estimated Bond Terms (Bonds to be sold in April 2022) -30 Years @ 4.0% resulting in P&I of \$ 568,586

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