DW 16-806
PENNICHUCK WATER WORKS, INC.
REVENUE REQUIREMENT
MODIFIED RATE STRUCTURE

	TEST YEAR PERMANENT RATES	5-YEAR AVG PERMANENT RATES	5-YEAR AVG PERM RATES w/2016 STEP ADJ
CITY BOND FIXED REVENUE REQUIREMENT (CBFRR)			
1) City Bond Fixed Revenue Requirement (CBFRR) - Modified Rate Structure	**$ 7,729,032**	**$ 7,729,032**	**$ 7,729,032**
OPERATING EXPENSE REVENUE REQUIREMENT (OERR)			
2) Total Pro-forma Operation & Maintenance Expenses	$ 12,372,019	$ 12,202,085	$ 12,202,085
3) Pro-forma Property Tax Expense	4,317,992	4,317,992	4,839,426
4) Pro-forma Payroll Tax Expense	615,326	615,326	615,326
5) Pro-forma Amortization Expense	(462,829)	(462,829)	(729,593)
6) Operating Expense Revenue Requirement [(2) + (3) + (4) + (5)]	**$ 16,842,508**	**$ 16,672,574**	**$ 16,927,244**
DEBT SERVICE REVENUE REQUIREMENT (DSRR)			
7) Pro-forma Annual Principal and Interest Payments	$ 4,462,778	$ 4,462,778	$ 6,218,648
8) Debt Service Coverage Requirement	x 1.1	x 1.1	x 1.1
9) Debt Service Revenue Requirement [(7) x (8)]	**$ 4,909,056**	**$ 4,909,056**	**$ 6,840,513**
10) **Total Proposed Water Revenues - Modified Rate Structure** [(1) + (6) + (9)]	**$ 29,480,596**	**$ 29,310,662**	**$ 31,496,789**
CALCULATION OF PERCENT INCREASE (DECREASE) IN WATER REVENUES			
11) Pro-forma Water Rev's not Subject to CBFRR	$ 22,441,962	$ 21,797,159	$ 21,797,159
12) Add: CBFRR - Original Rate Structure	7,465,139	7,465,139	7,465,139
13) Total Test Year Pro-forma Water Revenues (including CBFRR) [(11) + (12)]	$ 29,907,101	$ 29,262,298	$ 29,262,298
14) Proposed Increase / (Decrease) in Revenue Requirement [(10) - (13)]	**$ (426,505)**	**$ 48,364**	**$ 2,234,490**
15) **Proposed Percent Increase (Decrease) in Water Revenues** [(14) ÷ (13)]	**-1.43%**	**0.17%**	**7.64%**

DW 16-806
PENNICHUCK WATER WORKS, INC.
REPORT OF PROPOSED RATE CHANGES - 5-YEAR AVERAGE PERMANENT RATES
MODIFIED RATE STRUCTURE

			Change in Annual Total Revenues						Change in 5-Yr Avg Permanent Rates			
Rate or Class of Service	Effect of Proposed Change	Average Number Customers	5-Year Avg Permanent Rate Revenues	5-Year Avg WICA Revenues	5-Year Avg Total Revenues	Proposed Revenues - 5-Yr Avg Perm	Proposed Change Amount	Proposed Change % Increase	Present 5-Year Avg Permanent Rates	Proposed 5-Year Avg Permanent Rates	Proposed Change Amount	Proposed Change % Increase
G-M	Increase	27,015	$ 22,715,984	$ 682,368	$ 23,398,352	$ 23,437,676	$ 39,324	0.17%	$ 22,715,984	$ 23,437,676	$ 721,692	3.18%
Private FP	Increase	830	1,058,281	31,790	1,090,071	1,091,903	1,832	0.17%	1,058,281	1,091,903	33,622	3.18%
FP - Hydrants	Increase	5	3,075,100	92,373	3,167,473	3,172,797	5,323	0.17%	3,075,100	3,172,797	97,697	3.18%
Anheuser-Busch Contract												
Contract Charges	No Increase	2	371,430	-	371,430	371,430	-	0.00%	371,430	371,430	-	0.00%
Volumetric Charges	Increase	-	407,619	12,245	419,864	420,569	706	0.17%	407,619	420,569	12,950	3.18%
Milford Contract												
Contract Charges	No Increase	1	81,000	-	81,000	81,000	-	0.00%	81,000	81,000	-	0.00%
Volumetric Charges	Increase	-	59,634	1,791	61,425	61,529	103	0.17%	59,634	61,529	1,895	3.18%
Hudson Contract												
Contract Charges	No Increase	1	32,800	-	32,800	32,800	-	0.00%	32,800	32,800	-	0.00%
Volumetric Charges	Increase	-	357,073	10,726	367,799	368,417	618	0.17%	357,073	368,417	11,344	3.18%
Tyngsborough Contract												
Volumetric & Meter Charge	Increase	1	264,149	7,935	272,084	272,541	457	0.17%	264,149	272,541	8,392	3.18%
		27,855	$ 28,423,070	$ 839,228	$ 29,262,298	$ 29,310,661	$ 48,364	0.17%	$ 28,423,070	$ 29,310,661	$ 887,591	3.12%

DW 16-806
PENNICHUCK WATER WORKS, INC.
REPORT OF PROPOSED RATE CHANGES - 5-YEAR AVERAGE PERMANENT RATES w/ 2016 STEP ADJUSTMENT
MODIFIED RATE STRUCTURE

			Change in Annual Total Revenues						Change in 5-Yr Avg Permanent Rates w/ Step Adjustment			
Rate or Class of Service	Effect of Proposed Change	Average Number Customers	5-Year Avg Permanent Rate Revenues	5-Year Avg WICA Revenues	5-Year Avg Total Revenues	Total Proposed Rev's - 5-Yr Avg Perm Rts w/ Step	Proposed Change Amount	Proposed Change % Increase	5-Year Avg Permanent Rate Revenues	Total Proposed Rev's - 5-Yr Avg Perm Rts w/ Step	Proposed Change Amount	Proposed Change % Increase
G-M	Increase	27,015	$ 22,715,984	$ 682,368	$ 23,398,352	$ 25,215,194	$ 1,816,842	7.76%	$ 22,715,984	$ 25,215,194	$ 2,499,210	11.00%
Private FP	Increase	830	1,058,281	31,790	1,090,071	1,174,713	84,642	7.76%	1,058,281	1,174,713	116,432	11.00%
FP - Hydrants	Increase	5	3,075,100	92,373	3,167,473	3,413,422	245,949	7.76%	3,075,100	3,413,422	338,322	11.00%
Anheuser-Busch Contract												
Contract Charges	No Increase	2	371,430	-	371,430	371,430	-	0.00%	371,430	371,430	-	0.00%
Volumetric Charges	Increase	-	407,619	12,245	419,864	452,465	32,602	7.76%	407,619	452,465	44,846	11.00%
Milford Contract												
Contract Charges	No Increase	1	81,000	-	81,000	81,000	-	0.00%	81,000	81,000	-	0.00%
Volumetric Charges	Increase	-	59,634	1,791	61,425	66,195	4,770	7.76%	59,634	66,195	6,561	11.00%
Hudson Contract												
Contract Charges	No Increase	1	32,800	-	32,800	32,800	-	0.00%	32,800	32,800	-	0.00%
Volumetric Charges	Increase	-	357,073	10,726	367,799	396,358	28,559	7.76%	357,073	396,358	39,285	11.00%
Tyngsborough Contract												
Volumetric & Meter Charge	Increase	1	264,149	7,935	272,084	293,211	21,127	7.76%	264,149	293,211	29,062	11.00%
		27,855	$ 28,423,070	$ 839,228	$ 29,262,298	$ 31,496,788	$ 2,234,490	7.64%	$ 28,423,070	$ 31,496,788	$ 3,073,718	10.81%

STATE OF NEW HAMPSHIRE

Inter-Department Communication

DATE: March 24, 2017
AT (OFFICE): NHPUC

FROM: James Schuler, Examiner

SUBJECT: Pennichuck Water Works, Inc.
DW 17-017 Water Infrastructure and Conservation Adjustment Mechanism
FINAL Audit Report

TO: Mark Naylor, Director Gas-Water Division, NHPUC
Jayson Laflamme, Utility Analyst IV
Robyn Descoteau, Utility Analyst III

Introduction

Pennichuck Water Works, Inc. (PWW, The Company) has been participating in a Water Infrastructure and Conservation Adjustment Mechanism (WICA) since approved by Commission Order 25,230 on June 9, 2011.

In Docket DW 16-220, Pennichuck petitioned for approval of its proposed 2016 projects to be eligible for recovery though the WICA surcharge mechanism. Order 25,896, issued May 9, 2016 granted the approval for the projects.

On January 31, 2017, Pennichuck filed the 2016 costs for recovery beginning June 1, 2017 in Docket DW 17-017. This report is based on that filing.

2016 Projects

Order 25,896 in Docket DW 16-220 approved a capital budget of $5,018,743. The total gross investment as of December 31, 2016 for mains, valves, service replacements and hydrants was reported to be $4,440,628.

Per the filing schedule B, page 1 of 4, reported paving costs for 2015 projects totaled $360,997. Main replacements totaled $3,839,715, valve replacements totaled $20,628, service replacements totaled $159,492 and hydrant replacements totaled $59,796.

Audit has included the following table showing the original Staff approved projects and their cost compared to the reported completed projects and their respective cost. The table has been updated in response to the Draft Audit Report.

Project Name	City/Town	Work Order	DW 16-220 Approved Estimated Costs	DW 17-017 Reported Projects Costs	Audited Costs	Estimated Final Paving Costs in 2017	Status
Bridle Path	Nashua	1617680	$ 89,000	$ 61,225	$ 55,103	$ -	Booked to g/l Plant for 2016
Chestnut St	Nashua	1601373	$ 199,000	$ 144,735	$ 130,261	$ 62,000	Booked to g/l Plant for 2016
Worcester St	Nashua	1600405	$ 143,000	$ 217,751	$ 104,716	$ 21,000	Booked to g/l Plant for 2016
Scripture St	Nashua	1600404	$ 143,000	$ 88,574	$ 79,717	$ 19,400	Booked to g/l Plant for 2016
Shedds Ave	Nashua	1600403	$ 100,000	$ 72,081	$ 64,872	$ 29,930	Booked to g/l Plant for 2016
Hoyts Ln	Nashua	1600402	$ 57,000	$ 22,310	$ 20,079	$ 11,000	Booked to g/l Plant for 2016
Tolles St	Nashua	1600382	$ 146,000	$ 150,252	$ 135,227	$ 31,000	Booked to g/l Plant for 2016
Birch Brow Rd	Nashua	1603605	$ -	$ 16,924	$ 15,232	$ -	Booked to g/l Plant for 2016
Edwards Ave	Nashua	1603403	$ -	$ 138,388	$ 124,496	$ -	Booked to g/l Plant for 2016
			$ 877,000	$ 912,240	$ 729,703	$ 174,330	
Fossa Ave	Nashua	1600384	$ 65,000	$ 55,132	$ 56,689		CWIP Audit Issue #1
Buchanan St	Nashua	1600388	$ 65,000	$ 23,365	$ 25,203		CWIP Audit Issue #1
Lincoln Ave	Nashua	1600389	$ 65,000	$ 41,480	$ 42,610		CWIP Audit Issue #1
Russel Ave	Nashua	1600390	$ 65,000	$ 30,550	$ 34,684		CWIP Audit Issue #1
Taylor St	Nashua	1600392	$ 65,000	$ 23,050	$ 21,259		CWIP Audit Issue #1
Faxon St	Nashua	1600393	$ 65,000	$ 28,270	$ 31,430		CWIP Audit Issue #1
Allds St	Nashua	1600394	$ 90,000	$ 26,631	$ 29,641		CWIP Audit Issue #1
W Allds St	Nashua	1700632	$ 15,000	$ 38,464	$ 35,215		CWIP Audit Issue #1
Field St	Nashua	1600395	$ 65,000	$ 23,744	$ 30,424		CWIP Audit Issue #1
Revere St	Nashua	1600396	$ 65,000	$ 20,408	$ 20,387		CWIP Audit Issue #1
Pratt St	Nashua	1600397	$ 90,000	$ 35,498	$ 33,241		CWIP Audit Issue #1
Fowell St	Nashua	1600398	$ 65,000	$ 31,548	$ 33,806		CWIP Audit Issue #1
Stevens St	Nashua	1600399	$ 58,000	$ 19,736	$ 32,769		CWIP Audit Issue #1
Dickerman St	Nashua	1700634	$ -	$ 7,710	$ 7,152	$ -	CWIP Audit Issue #1
Montgomery Ave	Nashua		$ -	$ 18,391	$ 20,435	$ -	CWIP Audit Issue #1
Paving cost estimate relating to all of the above projects:						$ 100,000	
			$ 838,000	$ 423,977	$ 454,945	$ 100,000	
Main St	Nashua	1600374	$ -	$ 644,185	$ 606,542	$ -	CWIP Audit Issue #1
Amherst St	Nashua	1601318	$ 1,071,000	$ 664,742	$ 632,643	$ 160,000	CWIP Audit Issue #1
Terrace St	Nashua	1601321	$ 73,000	$ -	$ -	$ -	
Bruce St	Nashua	1601319	$ 72,000	$ -	$ -	$ -	
Berkshire St	Nashua	1601320	$ 158,000	$ -	$ -	$ -	
			$ 1,374,000	$ 1,308,927	$ 1,239,185	$ 160,000	
Temple St	Nashua	1600381	$ 93,000	$ -	$ -	$ -	Deferred to 2017
Manchester Rd	Amherst	1601367	$ -	$ 14,392	$ 14,392	$ -	CWIP Audit Issue #1
Manchester Rd	Amherst	1607378	$ -	$ 335,781	$ 335,781	$ -	CWIP Audit Issue #1
Water St	Nashua	1617682	$ 58,000	$ 107,274	$ 107,274	$ 20,000	CWIP Audit Issue #1
Champman St	Nashua	1600406	$ 34,000	$ -	$ -	$ -	
Mckean St	Nashua	1600408	$ 127,000	$ -	$ -	$ -	
Gilman St	Nashua	1607377	$ 453,000	$ -	$ -	$ -	
Hughey St	Nashua	1600407	$ 234,000	$ -	$ -	$ -	
Gorman Ave	Nashua	1700598	$ 100,000	$ -	$ -	$ 2,000	
Gillis St	Nashua	1617684	$ -	$ 333,191	$ 246,166	$ 130,000	CWIP Audit Issue #1
Orange St	Nashua	1620662	$ -	$ 403,933	$ 403,933	$ 75,000	CWIP Audit Issue #1
W Allds St	Nashua		$ -	$ -	$ -	$ 25,000	
			$ 1,099,000	$ 1,194,571	$ 1,107,546	$ 252,000	
	Paving from 2015 Projects		$ 292,330	$ 360,997	$ 110,997	$ -	CWIP Audit Issue #1
	Valve Replacement		$ 14,784	$ 20,628	$ 22,906	$ -	Booked to g/l Plant for 2016
	Service Replacement		$ 64,077	$ 159,492	$ 101,506	$ -	Booked to g/l Plant for 2016
	Hydrant Replacement		$ 40,752	$ 59,796	$ 59,796	$ -	Booked to g/l Plant for 2016
	Planning Contingency		$ 418,000	$ -		$ -	
			$ 829,943	$ 600,913	$ 295,205	$ -	
		TOTAL	**$ 5,017,943**	**$ 4,440,628**	**$ 3,826,584**	**$ 686,330**	

Bid Summary

Audit requested and was provided with a record of bid proposals for the 2016 projects. Projects are put out to bid with numerous streets involved for each bid. The 2016 projects were put out to bid in five geographical areas and designated Bids A through E. "A" received four bids, "B" received two bids, "C" received three bids, "D" received four bids and "E" received one bid. All of the selected contractors were the lowest bidders.

The following projects were booked to the plant accounts at year-end and were reviewed by Audit:

Bridle Path, Nashua – Work Order #1617680

The project was a change order to additions to the original Lake Street area projects. This is Phase II of the Lake Street area water main improvements and consisted of replacing 330 feet of existing unlined cast iron main on Bridle Path. The estimated cost for the project was $89,000. The final cost noted on the work order was $61,225.

The work order detail report with project costs totaling $61,225 was reviewed by Audit. Engineering costs totaled $1,520 with contracting work by J.P. Cardillo Inc., of $59,705. The Company revised the amount booked to the plant accounts to $55,103 from the filing amount of $61,225 for the 10% cost of removal.

The following general ledger accounts were provided by the Company:

331200 Distribution Mains - New	$	42,458
333200 Renewed Services	$	6,345
331002 Fire Protection Equip: Hydrants	$	6,300
	$	55,103

Chestnut Street, Nashua – Work Order #1601373

The project was a part of the Lake Street area Water Main Improvements, Phase I. The job consisted of replacing approximately 556 feet of existing unlined cast iron main on Chestnut Street. The initial estimated cost for the project was $199,000. The costs noted on the work order were $144,735.

The work order detail report with costs totaling $144,735 was reviewed by Audit. Contracting work by J.P. Cardillo Inc., included furnishing and installing mains, service connections, valves, one new hydrant, site restoration and mobilization and demobilization totaling $144,735. Audit reviewed the vehicle charges using the *Truck Cost Charges for 2016* Report provided by the Company. The number of hours that were charged and the rate per hour agreed with the work order with no exceptions. The Company revised the amount booked to the plant accounts to $130,261 from the filing amount of $144,735 for the 10% cost of removal.

The following general ledger accounts were provided by the Company:

331200 Distribution Mains - New	$	113,611
331250 Distribution Mains - Gate Valves	$	1,800
333200 Renewed Services	$	8,550
335000 Fire Protection Equip: Hydrants	$	6,300
	$	130,261

Worcester Street, Nashua – Work Order #1600405

The Worcester area main improvements are for replacing 330 feet of existing unlined cast iron water main with new ductile iron main along with service replacements approved in Docket DW 16-220. The proposed cost for the project was $143,000 per the E-22.

The work order detail report showed project costs totaling $217,571 which was reviewed by Audit. Contracting charges from CSSI totaled $147,203 including $45,000 in paving charges. Shared paving charges with the City of Nashua totaled $56,400. In-house engineering expenses totaled $13,759. Other costs were for labor, overhead and vehicles. The Company revised the amount booked to the plant accounts to $104,716 from the filing amount of $217,751 for paving costs in the amount of $101,400 (45,000+56,400), that remained in the CWIP account at year-end **(Audit Issue #1)**, and for 10% cost of removal.

The following general ledger accounts were impacted by the project:

331200 Distribution Mains - New	$	87,364
331250 Distribution Mains - Gate Valves	$	2,070
333200 Renewed Services	$	5,850
335000 Fire Protection Equip: Hydrants	$	9,432
	$	104,716

Scripture Street, Nashua – Work Order #1600404

The project was a part of the Worcester Street Area water main improvements. It consisted of replacing 505 feet of existing unlined cast iron main on Scripture Street. The initial estimated cost for the project was $143,000. The cost noted on the work order was $88,574.

The work order detail report with project costs totaling $88,574 was reviewed by Audit. The Company revised the amount booked to the plant accounts to $79,717 from the filing amount of $88,574 for the 10% cost of removal.

The following general ledger accounts were impacted by the project:

331200 Distribution Mains - New	$	61,357
331250 Distribution Mains - Gate Valves	$	8,640
333200 Renewed Services	$	9,720
	$	79,717

Shedds Avenue, Nashua – Work Order #1600403

The project was a part of the Worcester Street Area water main improvements. It consisted of replacing 261 feet of existing unlined cast iron main on Shedds Avenue. The initial estimated cost for the project was $100,000. The cost noted on the work order was $72,081.

The work order detail report showing costs totaling $72,081 was reviewed by Audit. Engineering costs totaled $1,111 with contracting work by CSSI of $28,460. The Company revised the amount booked to the plant accounts to $64,873 from the filing amount of $72,081 for the 10% cost of removal.

The following general ledger accounts were impacted by the project:

331200 Distribution Mains - New	$	46,693
331250 Distribution Mains - Gate Valves	$	630
333200 Renewed Services	$	17,550
	$	64,873

Hoyts Lane, Nashua – Work Order #16000402

The project was part of the Worcester Street Area Main Improvements and consisted of replacing approximately 80 feet of existing unlined cast iron main on Hoyts Lane in Nashua. The original estimated cost for the project was $57,000. The cost noted on the work order was $22,310.

The work order detail report with project costs totaling $22,310 was reviewed by Audit. Contracting work by CSSI totaled of $18,940, engineering costs totaled $3,166, labor, overhead and van charges totaled $203. The Company revised the amount booked to the plant accounts to $20,079 from the filing amount of $22,310 for the 10% cost of removal.

The following general ledger accounts were impacted by the project:

331200 Distribution Mains - New	$	17,649
331250 Distribution Mains - Gate Valves	$	630
333200 Renewed Services	$	1,800
	$	20,079

Tolles Street, Nashua – Work Order #1600382

The Tolles Street project in Nashua was part of the Worcester Street Area Main Improvements and consisted of replacing approximately 475 feet of existing unlined cast iron main. The original estimated cost for the project was $146,000. The cost noted on the work order totaled $150,252. Note that the filing uses #1600382 for the work order number but the work order uses #1600400.

The work order detail report with project and engineering costs was reviewed by Audit. All costs for contracting work by CSSI and PWW engineering were reviewed without exception. Audit reviewed the vehicle charges using the *Truck Cost Charges for 2016* Report provided by the Company. The number of hours that were charged and the rate per hour agreed with the

work order with no exceptions. The Company revised the amount that was booked to the plant accounts to $135,227 from the filing amount of $150,252 for the 10% cost of removal

The following general ledger accounts were impacted by the project:

331200 Distribution Mains - New	$	99,786
331250 Distribution Mains - Gate Valves	$	6,930
333200 Renewed Services	$	28,511
	$	135,227

Birch Brow Road, Nashua – Work Order #1603605

This project was an approved under an emergency change order to replace 52 feet of 1-1/4" HDPE CTS pipe including one service replacement. The E-22 submitted May 2, 2016 states 50 feet of 1-1/4" of CL steel pipe will be retired. Audit could not verify the retirements. **Audit Issue #3**. The costs noted on the work order totaled $16,924.

The work order detail report with project costs totaling $16,924 was reviewed by Audit. Contracting costs totaled $14,910 or 88% of the total project costs. The other 12% of costs were for engineering, labor and overhead. The Company revised the amount booked to the plant accounts to $15,232 from the filing amount of $16,924 for the 10% cost of removal.

The following general ledger accounts were impacted by the project:

331200 Distribution Mains - New	$	12,712
331250 Distribution Mains - Gate Valves	$	1,350
333200 Renewed Services	$	1,170
	$	15,232

Edwards Avenue, Nashua – Work Order #1603403

This project was an approved under an emergency change order to replace 462 feet of main on Edwards Avenue. The original estimated cost for the project was $90,000. The final cost noted on the work order was $138,388. The description of the retirements on the E-22 report states that 333 feet of steel pipe, 80 feet of PVC and 45 feet of Copper tubing are to be retired. Audit could not verify the retirements. **Audit Issue #3**

The work order detail report with project costs totaling $138,388 was reviewed by Audit. Engineering costs totaled $1,520 with contracting work by J.P. Cardillo Inc., of $59,705. The work was booked to the general ledger on November 1, 2016**.** The Company revised the amount booked to the plant accounts to $124,496 from the filing amount of $138,388 for the 10% cost of removal.

The following general ledger accounts were impacted by the project:

331002 Paving	$	25,942
331200 Distribution Mains - New	$	89,509
331250 Distribution Mains - Gate Valves	$	675
333200 Renewed Services	$	8,370
	$	124,496

Main Street Intersection Projects

The following projects consisted of replacing unlined cast iron mains and valves at intersections between Allds Street and Dunstable Road in Nashua as part of the Main Street Intersection project. The projects were approved in Docket DW 16-220.

The Company provided the labor detail and overhead which was traced to the work orders. The contract with Hunter construction was provided along with a separate worksheet showing the work performed and the amount charged to the work orders. Other vendor charges consisted of small credits which the Company explains are an allocation of any invoice that originally went to the Main Street project where a percentage of the invoice was for each side of the street. Most work order numbers did not appear on the monthly engineering closing documents. The Capital Improvement Request/Company Expenditures Authorization was generic to all the intersection projects as well as the E-22's which showed a lump sum estimate for the projects. The project costs remained in the CWIP account #105 at year-end **Audit Issue #1.** Audit reviewed work orders totaling $399,002 for the Main Street Intersection projects.

Fossa Ave	1600384	$	56,689
Buchanan St	1600388	$	25,203
Lincoln Ave	1600389	$	42,610
Russell Ave	1600390	$	-
Taylor St	1600392	$	-
Faxon St	1600393	$	31,430
Allds St	1600394	$	29,641
W Allds St	1700632	$	35,215
Field St	1600395	$	30,424
Revere St	1600396	$	20,387
Pratt St	1600397	$	33,241
Fowell St	1600398	$	33,806
Stevens St	1600399	$	32,769
Dickerman St	1700634	$	7,152
Montgomery St	1700636	$	20,435
		$	399,002

<u>The following projects incurred costs in 2016, but were not presented to Audit</u>
Audit Issue #2

Main St	1600374	$	644,185
Russel Ave	1600390	$	30,550
Taylor St	1600392	$	23,050
Gillis St	1617684	$	333,191
		$	1,030,976

<u>The following projects were reviewed by Audit however Audit could not verify that the costs were booked to the plant in service accounts:</u> Audit Issue #1.

Manchester Rd	1601367	$	14,392
Manchester Rd	1607378	$	335,781
Water St	1617682	$	107,274
		$	457,447

<u>Manchester Road, Amherst – Work Order #1601367</u>

This the Mack Hill Road Bridge Relocation project on Manchester Road. The job was to replace 165 feet of 8" AC pipe with a combination of 12" DIPLCL and 8" DIPCL. The estimated cost for the project was $68,000 as of November 30, 2016. The final cost noted on the work order totaled $14,392.

The work order detail report with project costs totaling $14,392 was reviewed by Audit. Engineering expenses from Microtech Staffing totaled $13,081 or 91% of the total project costs. The other 6% of costs were for labor, overhead and shipping. The work order did not list any construction costs to replace the existing asbestos main. Audit could not verify that the costs were booked to the plant accounts. **Audit Issue #1**

<u>Manchester Road, Amherst – Work Order #1607378</u>

The Manchester Road project, to replace 8" AC pipe with a combination of 12" DIPLCL and 8" DIPCL and was approved in Docket DW 16-220. The E-22 dated January 12, 2017, estimated the cost to be $452,250. The cost noted on the work order detail was $335,781.

The work order detail report showing project costs totaling $335,781 was reviewed by Audit. Contracting costs for main replacement totaled $320,641 from Northeast Earth Mechanic, Inc., and $6,523 from HTE Northeast Engineering for vibration monitoring and reporting. Other costs of $1,635 were for labor and $478 for engineering and overhead. Audit could not verify that the costs were booked to the plant accounts. **Audit Issue #1**

<u>Water Street Nashua – Work Order #1502474/1617682</u>

This Water Street project is part of the 2016 Amherst Area Water Main Improvement projects and approved in Docket 16-220. The original estimate consisted of replacing

approximately 755 feet of obsolete 6" and 12" unlined cast iron main with new 12" ductile iron main. The original estimated cost for the project per the work order request form is $126,000. The costs noted in the work order totaled $107,274.

The work order detail report with project costs totaling $107,274 was reviewed by Audit. Audit could not verify that the costs were booked to the plant accounts. **Audit Issue #1**

Orange Street, Nashua – Work Order #1620662

As part of the Lake Street Area Water Main Improvements, the Orange Street project was to replace 6" CID pipe that was found to be in poor condition after a series of breaks repairs in the summer. The original estimated cost for the project was $340,000. The E-22 submitted September 30, 2015, estimated the cost to be $340,000. The costs noted on the work order totaled $403,933.

The work order detail report with project costs totaling $403,933 was reviewed by Audit. J.P. Cardillo provided the contracting work in the amount of $400,000 however, no invoice was provided. Engineering, labor and truck expenses totaled $3,933. Audit could not verify that the costs were booked to the plant accounts. **Audit Issue #1**

Overhead Rate

Overhead rates are input into Synergen by the Senior or Staff Accountant and are automatically calculated and posted to the general ledger when the work orders are posted to the general ledger at the end of the month.

For 2016, the Union overhead rate was 70.28% and the general overhead rate was 2% and is intended to capture the cost of benefits for Union employees. It is derived by an analysis of the employee's benefits which is reviewed/revised annually as part of the budget process. Audit verified the Union overhead rate based on the labor charges for each of the main projects. The general overhead rate was verified to the valve, service and hydrant replacements based on the total project costs. No exceptions were noted.

Cost of Removal

The filing schedule Attachment A, page 2 of 8 shows the cost of removal totaling $444,063 on the gross investment of $4,440,628 in 2016 for the WICA projects. The Company explains that "*the cost of removal is applied to any asset type that has a negative salvage value on the most recent depreciation study. The percentage used is whatever the negative salvage value is.*" The asset types included in the 2016 WICA projects were charged a rate of 10% for the cost of removal. The rates would change with the next depreciation study.

Audit was able to tie the credits for the cost of removal to the plant in service accounts for the gate vales, account 331250, the new distribution mains account 331200 and the renewed services account 333200.

Routine Investment in Paving, Valves, Services and Hydrants

Estimated Paving from 2015 Projects totaled $360,997 shown on the filing schedule Attachment A, page 2 of 8 and Attachment B, page 1 of 4. The Company provided a request for check form dated January 27, 2017 payable to the City of Nashua in the amount of $110,997. This represents the shared paving costs with the City of Nashua on the recently completed Burke Street water main replacement project and described as Paving from 2015 Projects. Audit did not review work orders associated with the paving costs. The paving costs included in this filing totaled $110,997 and remained in the CWIP account at year-end. **Audit Issue #1**

Account 321250 – Distribution Mains: Gate valves totaled $20,628 per the filing schedule Attachment A, page 2 of 8. The Company provided support for the filing amount by a report, 096_Work Orders by Type, which agreed with the filing. The general ledger showed additions totaling $22,906 for the gate valves account. Audit did not review the projects.

Account 333200 – New Services, Renewed Services and Partial Renewed Services totaled $159,492 per the filing schedule Attachment A, page 2 of 8 and Attachment B, page 1 of 4. New Services, account 333200 totaling $57,987 were removed in the revised filing March 3, 2017. Account 333200 – Renewed Services and Partial Renewed Services totaled $98,821 and $2,685 respectively per the filing schedule Attachment A, page 2 of 8 and Attachment B, page 1 of 4. The Company provided support for the filing amount by a report, 096_Work Orders by Type, which agreed with the general ledger. Audit did not review the projects.

Account 335000 – Fire Protection Equipment: Hydrants totaled $59,796 per the filing schedule Attachment A, page 2 of 8 and Attachment B, page 1 of 4. The Company provided support for the filing amount by a report, 096_Work Orders by Type, which agreed with the general ledger. Audit did not review the projects.

Retirements

The Company normally books retirements to the general ledger on a quarterly basis. The filing schedule Attachment A, page 2 of 8 shows no retirements in 2016 for the WICA projects. The Company provided an Asset Disposition report showing retirements of services and hydrants totaling $11,132. Audit could not verify the retirements to the general ledger plant accounts for mains, valves or hydrants. The Renewed Services account 333200 showed the 1st quarter retirements in the amount of $1,032 which agreed with the Asset Disposition Report. **Audit Issue #3**

Depreciation

The filing schedule Attachment A, page 2 of 8 shows the deprecation expense totaling $65,254 on the net investment of $3,996,565 in 2016 for the WICA projects. The Company provided the Net Book Value Report which showed depreciation expense totaling $6,229 for projects and $1,837 for routine capital (Services, Hydrants, and Gates) booked the general ledger in the amount of $891,005. Audit verified that ½-year depreciation was charged to depreciation expense for the new additions for the revised nine projects with no material exceptions.

Summary

Docket DW 17-017 provided for total reported WICA project costs as of December 31, 2016 to be $3,839,715 and 2015 paving projects that took place in 2016 in the amount $360,997. Valve, service and hydrant replacement projects were an additional $239,916. The total reported costs noted in the filing schedule, Attachment B, page 1of 4 were $4,440,628.

Support for the project costs was provided in the form of the general ledger, work orders and invoices. During the audit process, many projects were found to be in the CWIP account 105 at year-end or had adjusted work order totals. Audit reviewed WICA projects booked to the general ledger plant accounts in the amount $913,911. Other projects that have remained in the CWIP account totaled $2,912,673. The projects reviewed by Audit totaled $3,826,584 (See page 2 Table).

	DW 17-017 Final Projects Costs	Costs Reviewed and Booked to Plant in Service Accounts
Projects	$ 3,839,715	$ 729,703
Paving from 2015 Projects	$ 360,997	$ -
Valve Replacement	$ 20,628	$ 22,906
Service Replacement	$ 159,492	$ 101,506
Hydrant Replacement	$ 59,796	$ 59,796
	$ 4,440,628	$ 913,911

Audit Issue #1
Completed Projects

Background

Order 25,896 in Docket DW 16-220 approved a capital budget of $5,017,943. The total gross investment as of December 31, 2016 for mains, valves, service replacements, hydrants and paving according to the filing Schedule B, page 1 of 4 was $4,440,628. The audited costs totaled $3,882,584. The costs for the nine projects that were verified to the general ledger were $729,703 for water mains, $101,506 for renewed and partially renewed services and $59,796 for hydrants totaling $891,005.

Issue

Eighteen projects presented to Audit contained costs for water main replacements, services valves, hydrants and paving. These costs could not be verified to the general ledger Plant in Service accounts at year-end 2016. A total of $2,161,422 could not be verified to the general ledger plant accounts and remained in CWIP.

Audit Recommendation

The filing should be reduced by a total of $2,161,422.

Company Comment

Projects in the filing were in use by December 31, 2016. However, due to timing, there are some projects that were not completely booked to fixed assets as not all contractor invoices were received in time for year-end close. These amounts used in the WICA filing were accrued for using estimated amounts of the project. Subsequently most invoices have been received and final amounts have been adjusted and booked to fixed assets to date. We are preparing reports today that will show updated general ledger plant accounts for each of the projects. These will be submitted prior to the end of the day. (March 20, 2016)

Audit Response

On January 31, 2017, the Company filed the 2016 WICA costs for recovery in Docket DW 17-017. Of the total audited costs from the table on page 2 of $3,826,584, a total of $913,911 could be verified to the Plant in Service accounts. Audit reviewed the additional project folders received on March 20th, 2017 totaling $908,650 and which were not shown to be booked to the Plant in Service accounts (See Audit Issue #2). The revised disallowed total which remained in CWIP at year-end 2016 is $2,912,673 ($3,826,584-$913,911=$2,912,673). The difference between the filing amount of $4,440,628 and the audited amount of $3,826,584 is due to audited project totals lower than the Company's project filing amounts (See the page 2 table).

The Company provided Continuing Property Records in the form of an updated Net Book Value report which listed all the projects by asset type and the relating depreciation expense. The original Net Book Value report listed only those projects booked to the general ledger at year-end 2016. The updated report lists the additional projects that were remaining in CWIP at year-end 2016 and their related depreciation. However, the depreciation expense cannot be booked to the general ledger until the remaining CWIP projects are booked to the Plant in Service accounts.

Audit Issue #2
Projects Not Presented to Audit

Background

The total gross investment as of December 31, 2016 for mains, valves, service replacements, hydrants and paving according to the filing Schedule B, page 1 of 4 was $4,440,628.

Issue

Four projects incurred costs totaling $1,030,976 however the project folders were not presented to Audit for review.

Audit Recommendation

The amount of $1,030,976 is part of the disallowed total of $2,161,422.

Company Comment

Project folders are available with updated final amounts. There are five project files (two for Gillis Street) which are attached to this response.

Audit Response

On January 31, 2017, the Company filed the 2016 WICA costs for recovery in Docket DW 17-017. Audit reviewed the additional project folders received on March 20th, 2017 totaling $908,650. The additional projects in the amount of $908,650 are part of the revised disallowed total of $2,912,673 that remained in CWIP at year-end 2016 (See Audit Issue #1). Although the work orders stated that the projects were finished, the costs could not be verified to the Plant in Service accounts.

Audit Issue #3
Retirements

Background

PWW was authorized to replace several water mains, services and hydrants during the 2016 calendar year under the WICA program.

Issue

PWW was not able to produce information regarding the retirement of assets associated with the WICA program for 2016. The Company stated that all water mains that were replaced were fully depreciated. Also, the Company states that the retirements associated with replaced hydrants, services and gate valves had not been evaluated

Audit Recommendation

The Uniform System of Accounts, Section 1, (e)(10) Utility Plant – Additions and Retirements contains instructions regarding the retirement of utility assets and the utility accounting related to the retirement.

Company Comment

All water mains are fully depreciated. Gate assets were historically combined with mains that are fully depreciated. Hydrants were retired using units cost of install date. Any services found specifically by address were retired. Also if the specific address was not found services were retired by unit cost of install date using a generic asset for example "1" CT Services" or the service is fully depreciated.

Audit Response

The general ledger account 331200 – Distribution Mains and the combined gate assets that were fully depreciated showed no credits to the accounts for retirements. The offset to the accumulated depreciation related to the retirements was not provided to Audit.

The Renewed Services account 333200 on the general ledger showed 1st quarter retirement of $1,023 and was supported by the asset disposition report.

Account 335000 – Hydrants on the general ledger showed retirements of $5,384 and was supported by the asset disposition report along with account 335100 – Hydrants, CIAC.

The Company is required to write-off all retirements. Also, the CPRs must reflect original cost and asset location.

Pennichuck Water Works, Inc.
Request for Change in Rates
DW 16-806
Exhibit 4

Discussion of the Proposed Restructure of the Rate Stabilization Fund and associated Fixed Revenue Restricted Cash accounts, as modified from the definition and guidance provided in DW 11-026

Pennichuck Water Works ("PWW" or the "Company") proposes that the current $5,000,000 City Bond Fixed Revenue Requirement Rate Stabilization Fund (CBFRR RSF) (formerly merely named the Rate Stabilization Fund (RSF)) maintained by PWW, which was established under the Original Rate Structure in DW 11-026, should be re-allocated amongst the three Pennichuck Corporation ("Penn Corp") utilities such that PWW's allocated share of the CBFRR RSF shall now be $3,920,000, with the remaining balance of $1,080,000 to be allocated between PEU and PAC in conjunction with each company's next rate filing. PWW's allocated share is based on the respective three utilities' last Commission approved revenue requirements.

PWW" further proposes to bifurcate and allocate its share of the CBFRR RSF account of $3,920,000 into three separate Rate Stabilization Funds or "buckets." Establishing the initial funding for the three separate RSFs would be accomplished by dividing the current balance of $3,920,000 into three separate funds.

The purpose for splitting and allocating the existing CBFRR RSF is to provide reserves which will ensure that even during periods of reduced revenue (such as during a period of wet weather resulting in decreased usage) there will be sufficient cash to enable the Company to support its operations in several areas.

Under the new structure, PWW's overall revenue requirement shall consist of the following three components:

1. City Bond Fixed Revenue Requirement (CBFRR) as described in the Original Rate Structure.
2. Operating Expense Revenue Requirement (OERR) which is further composed of the following:
    a. Material Operating Expense Revenue Requirement (MOERR).
    b. Non-Material Operating Expense Revenue Requirement (NOERR).
3. Debt Service Revenue Requirement (DSRR) which is further composed of the following:
    a. Debt Service Revenue Requirement - 1.0 (DSRR-1.0)
    b. Debt Service Revenue Requirement - 0.1 (DSRR-0.1)

Attached as Appendix A are flowcharts describing these requirements and how funds flow to and from each account created for each component.

This new allocation will establish the following reserve stabilization funds:

1. The first fund will remain with the same purpose as the current RSF, which was put in place as authorized and described in DW 11-026. This will be renamed as the CBFRR RSF, which was created to allow for the maintenance of stable water utility rates, while providing a mechanism to ensure the Company's ability to meet its obligations under the promissory note to the City. This reserve fund will operate in the same manner as originally established and authorized in DW 11-026, but will be reduced from the imprest sum of $3,920,000 to $680,000.
2. The second fund will establish a Material Operating Expense Revenue Requirement RSF (MOERR RSF), which would also be analogous to PWW's existing CBFRR RSF under DW 11-026. This account will be funded with $2,850,000, from the $3,920,000. It would serve to provide rate stabilization and cash flow coverage for operating expenses between permanent rate filings. The monies in this fund will only be used to provide cash flow for allowable expenses; defined as PWW's Operation and Maintenance Expenses (less those indicated in Appendix B attached to this document), Property Tax Expense, Payroll Tax Expense, and Amortization Expense.
3. The third fund will establish a Debt Service Revenue Requirement Rate Stabilization Fund (DSRR-1.0 RSF), consisting of a separate restricted cash account. This DSRR-1.0 RSF[1] would be established as a fund used to support the payments related to the principal and interest obligations for PWW, in existence as of the most recent rate case test year. The establishment of this DSRR-1.0 RSF bucket is to allow the collection of revenues sufficient to pay the principal and interest of PWW's debt and to satisfy the debt service coverage ratio requirements of PWW's bond financings and Pennichuck Corporation's covenant requirements of its line of credit, which is used by Pennichuck Corporation and its subsidiaries as a "back stop" to short-term working capital needs. This account will be funded with $390,000, from the original $3,920,000.
4. After the distribution of $2,850,000 to the MOERR RSF, $390,000 to the DSRR-1.0 RSF, $680,000 to the CBFRR RSF, the remaining balance of $1,080,000 (from the original $5,000,000 RSF established under DW 11-026) will remain in PWW's existing CBFRR RSF cash account. The $1,080,000 portion of the CBFRR RSF will be allocated

[1] A second DSRR component will be created that is equal to 10% of the pro forma debt service payments for the test year, and shall be referred to as the "DSRR-0.1." The establishment of the DSRR-1.0 relates to the use and replenishment of the DSRR-1.0 RSF. The intended purposes for the establishment of the DSRR-0.1 are 1) to allow for the collection of revenues sufficient to satisfy the debt service coverage ratio requirements of PWW's bond financings and Penn Corp's covenant requirements for its line of credit, which is used by Pennichuck Corporation and its subsidiaries as a "back stop" for short-term capital needs; and 2) to allow PWW to collect revenues over-and-above its actual debt service in order to comply with cash flow coverage requirements which are typical for such financings as well as to meet obligations on new debt incurred between rate filings. The DSRR-0.1 component does not have its own rate stabilization fund.

between PEU and PAC but shall remain in PWW's CBFRR RSF cash account until such time that rate case filings are made for PEU and PAC. At that time, the modified rate structure, established under DW 16-806 for PWW, will also be requested as the proposed rate structures for both PEU and PAC. If the respective rate structures for PEU and PAC are approved by the Commission, the $1,080,000 will then be transferred from PWW's CBFRR RSF to the respective RSF funds to be established in PEU and PAC.

Methodologies and Procedures for PWW Rate Stabilization Funds

The following paragraphs present the methodologies and procedures that will apply to the establishment of the three Rate Stabilization Funds at PWW. The funds are described as follows:

1. **City Bond Fixed Revenue Requirement Rate Stabilization Fund (CBFRR RSF)**. This account will remain in the same structure as it had been as described in 11-026, however, the amount in this RSF will decrease to $680,000 from the original balance of $5,000,000. To facilitate accountability related to the CBFRR RSF, PWW established and maintains a separate restricted cash bank account (CBFRR Checking Account) which consists of funds maintained for the CBFRR RSF. The purpose of the CBFRR RSF is to provide a cash reserve to be accessed or replenished based upon the amount in the CBFRR Checking Account. The CBFRR RSF may only be accessed if necessary to supplement the amount recorded in the CBFRR Checking Account for PWW to meet its monthly note payment obligation to the City and/or its quarterly standard dividend payment to the City, both as approved under DW 11-026 (i.e. if the monthly amount accrued to the CBFRR Checking Account is less than PWW's approved monthly CBFRR amount to the City). The cash amount will only be used for the payment of the CBFRR and will be reconciled monthly. Conversely, PWW will deposit additional funds in the CBFRR RSF Account when it accumulates cash in the CBFRR Checking Account in excess of the amount needed to meet its monthly and quarterly obligations to the City. PWW may currently access the PWW RSF Account to provide intercompany loans to PEU or PAC if either utility is unable to meet its respective obligation with respect to the City Acquisition Bonds. However, this will no longer be the case once this modified rate structure is adopted for both PEU and PAC, as PEU and PAC will seek to establish separate RSFs with their next rate case petitions. At the time of each PWW rate case, the PWW CBFRR RSF Account will be subject to replenishment or reduction to an amount equal to the original balance of $680,000. The replenishment or reduction amount will be reflected in PWW rates through a deferred debit or credit amortized over a three-year period.

2. **Material Operating Expense Revenue Requirement Rate Stabilization Fund (MOERR RSF)**. PWW will establish a MOERR RSF in the amount of $2,850,000,

initially funded via a transfer of funds in such amount from the CBFRR RSF. This account will be used to fund cash flow needs related to allowable expenses (as defined above) which amount to costs of approximately 96% of the operating expenses of the Company, excluding interest expense. To facilitate accountability related to the MOERR RSF, PWW will establish and maintain a separate restricted cash bank account, known as the MOERR Checking Account. This fund will operate as an imprest fund from which funds could be drawn upon or deposited into on a monthly basis, based upon anomalies in the specified and covered operating expenses, as well as revenue fluctuations above or below levels. It would serve to provide rate stabilization and cash flow coverage for operating expenses between permanent rate filings. At the time of each PWW rate case, the MOERR RSF will be subject to replenishment or reduction to an amount equal to the original balance of $2,850,000. The replenishment or reduction amount will be reflected in PWW rates through a deferred debit or credit amortized over a three-year period.

3. **Debt Service Revenue Requirement 1.0 Rate Stabilization Fund (DSRR-1.0 RSF)**. PWW will establish a DSRR-1.0 RSF in the amount of $390,000, initially funded via a transfer of funds in such amount from the CBFRR RSF. The DSRR-1.0 RSF will be used to ensure that, even in adverse revenue conditions such as wet weather, there will be a sufficient cash reserve available to enable PWW to pay the debt service obligations on its long-term debt. To facilitate accountability related to the DSRR-1.0 RSF, PWW will establish and maintain a separate restricted cash bank account, known as the DSRR-1.0 RSF Account. This fund will operate as an imprest fund from which funds could be drawn upon if needed based upon the cash flow requirements to meet principal and interest payment obligations on outstanding debt and in meeting its debt covenant requirements. It would serve to provide adequate cash flow coverage for debt servicing between permanent rate filings. At the time of each PWW rate case, the PWW DSRR-1.0 RSF will be subject to replenishment or reduction to an amount equal to the established original balance of $390,000. The replenishment or reduction amount will be reflected in PWW rates through a deferred debit or credit amortized over a three-year period.

4. **CBFRR, DSRR-1.0, DSRR-0.1 and MOERR bank accounts**. PWW will establish three new restricted checking accounts in addition to the existing CBFRR Checking Account; the DSRR-1.0 Checking Account, the DSRR-0.1 Checking Account, and the MOERR Checking Account. These accounts will have funds transferred into them from the main operating cash account of PWW on a weekly basis, based upon weekly cash collections for billed water revenues, for their pro-rata shares of the overall allowed revenue requirement. This is a consistent methodology to the accepted methodology established for the CBFRR account in DW 11-026.

Roadmap for Usage, Replenishment and Accounting for the Rate Stabilization Funds and the Associated Revenue Requirement Components

1. **Funding of Stabilization Funds Based Upon Allocation of Revenue Requirement**. In conformity with the manner in which the RSF fund established under DW 11-026 is funded or utilized, each of the Rate Stabilization Fund Restricted Cash accounts described above (CBFRR RSF, DSRR-1.0 RSF, MOERR RSF) will have money transferred into them, or withdrawn from them on a monthly basis based upon the actual monthly revenue performance, compared to 1/12 of the annual allowed revenue from the most recent rate case for the Company. If in any month, the actual revenues earned are less than 1/12 of the annual allowed revenue requirement, the pro-rata share of the deficit applicable to each of the RSF accounts will be extracted from each of the RSF accounts and transferred to the Company's main operating account. Conversely, if in any month, the actual revenues earned are in excess of 1/12 of the annual allowed revenue requirement, the pro-rata share of the excess applicable to each of the RSF accounts will be deposited into each of the RSF accounts from the Company's main operating account.

2. **Weekly deposits into the Revenue Requirement restricted checking accounts (CBFRR, DSRR-1.0, and DSRR-0.1, MOERR)**. In conformity with the manner in which the CBFRR account methodology was established under DW 11-026, on a weekly basis, the pro-rata share of cash collections on total revenues for each of these revenue accounts will be transferred from the Company's main operating cash account, into each of the respective restricted checking accounts.

3. **Usage of funds in the Revenue Requirement restricted checking accounts (CBFRR, DSRR-1.0, DSRR-0.1, MOERR)**.
    a. As payments are due to the City of Nashua for the monthly note payment and/or the quarterly required dividend in support of the full CBFRR requirement, these payments will be made out of the CBFRR Checking Account, as established under DW 11-026. To the extent there are insufficient funds in the CBFRR Checking Account to make these payments; funds will be transferred into the CBFRR Checking Account from the Company's main operating account to fund these payments. To the extent that funds in the CBFRR Checking Account are in excess of the monthly payment need (and/or quarterly dividend need, in the month paid), the excess funds will be transferred back into the main operating account.
    b. On a monthly basis, the actual Material Operating Expenses, as defined above, for that month will be compared to the monthly revenue requirement provided from the MOERR portion of the last allowed revenue requirement, from the most recent rate case. To the extent that the identified expenses under the MOERR, for

the month, are in excess of the pro-rata revenue allowance for these expenses, money will be transferred out of the MOERR Checking Account to the main operating account. To the extent that the identified expenses under the MOERR, for the month, are less than the pro-rata revenue allowance for these expenses, money will be transferred to the MOERR Checking Account from the main operating account.

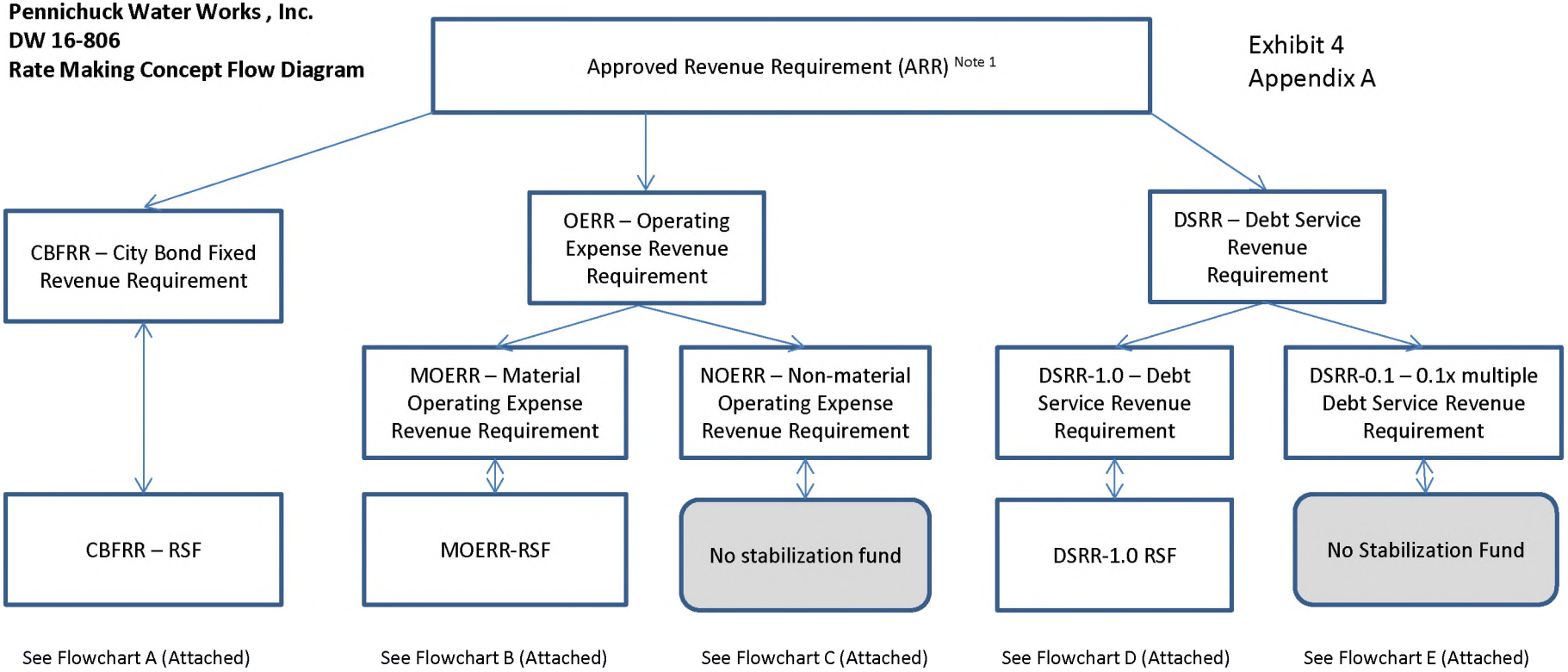
c. As payments are due to all other external debt holders of the Company on a monthly, quarterly, or semi-annual basis, these payments will be made out of the DSRR-1.0 Checking Account, consistent with the methodology for the CBFRR account under DW 11-026. To the extent there are insufficient funds in the DSRR-1.0 Checking Account to make these payments; funds will be transferred into the DSRR-1.0 Checking Account from the main operating account. And, to the extent that there are excess funds in the DSRR Checking Account, the excess funds will be transferred back to the Company's main operating account.
    i. The monthly payment funding obligation will be based upon, and equal to the following:
        1. The sum of all monthly debt service payment obligations in the aggregate;
        2. 1/3 of the sum of all quarterly debt service payment obligations in the aggregate for the quarter;
d. And 1/12 of the sum of all semi-annual debt service obligations in the aggregate for the fiscal year.
e. The funds that accumulate in the DSRR-0.1 Checking Account will be considered on an annual basis, at the end of each fiscal year. The accumulated funds in this account as of the close of each year-end will be utilized as the funding source for capital expenditure needed in the first months of the succeeding year, leading up to an annual bonding or financing event in support of capital expenditures for that succeeding year.

4. **Accounting for the CBFRR, DSRR-1.0 and MOERR allocation amounts**. In conformity with the methodology established in DW 11-026 for the CBFRR account, monthly accounting will be prepared by the Company, to establish and calculate the actual revenue performance versus the allowed revenue levels, on a monthly basis. These calculations will be the basis for the transfer of cash into and out of the Rate Stabilization funds for each fiscal month end. At each successive rate case, the excess or deficit in the CBFRR RSF, DSRR-1.0 RSF, and MOERR RSF, will be refunded to or collected from ratepayers over the succeeding three years, in the form of a Deferred Credit or Deferred Debit on the books of the Company, as established in that successive rate case proceeding.

5. **Impact of Annual Step Increases for Incremental Debt Approved and Incurred between Rate Cases, under the Qualified Capital Project Adjustment Charge**. Upon approval of the annual Qualified Capital Project Adjustment Charge (QCPAC), the incremental revenues generated from this QCPAC at a 1.1x multiple of total incremental approved debt service, plus property taxes, will incrementally impact the deposit of funds, or withdrawal of funds from the DSRR-1.0, DSRR-0.1 and MOERR Checking Accounts, for their prospective shares of the total incremental debt service, the 0.1x multiple of debt service, and the amount collected for incremental property taxes. The balance of the accounting for these incremental amounts will be accounted for as an incremental amount to the processed described immediately above.

Pennichuck Water Works , Inc.
DW 16-806
Rate Making Concept Flow Diagram

Exhibit 4
Appendix A



Note 1: Descriptions of each of these accounts can be found on the next page.

ACCOUNT DESCRIPTIONS

Approved Revenue Requirement: equals the annual revenue requirement established at the most recent rate case, adjusted annually on or about March1st and "trued up" to the actual approved amounts as of the issuance of the QCPAC step increase order (the QCPAC shall become eligible for annual recoupment from the date for which bonded debt or other financing that is incurred with respect to the specific eligible projects is issued or consummated, anticipated to be approximately March 1 of each year). This ARR is divided amongst the component Revenue Requirement items, inclusive of the annual step increase allocated amounts, into the identified CBFRR, OERR and DSRR revenue "buckets."

CBFRR RSF: Same as the former RSF as authorized and described in DW 11-026. Allows for the maintenance of stable water utility rates, while providing a mechanism to ensure the Company's ability to meet its obligations under the promissory note to the City.

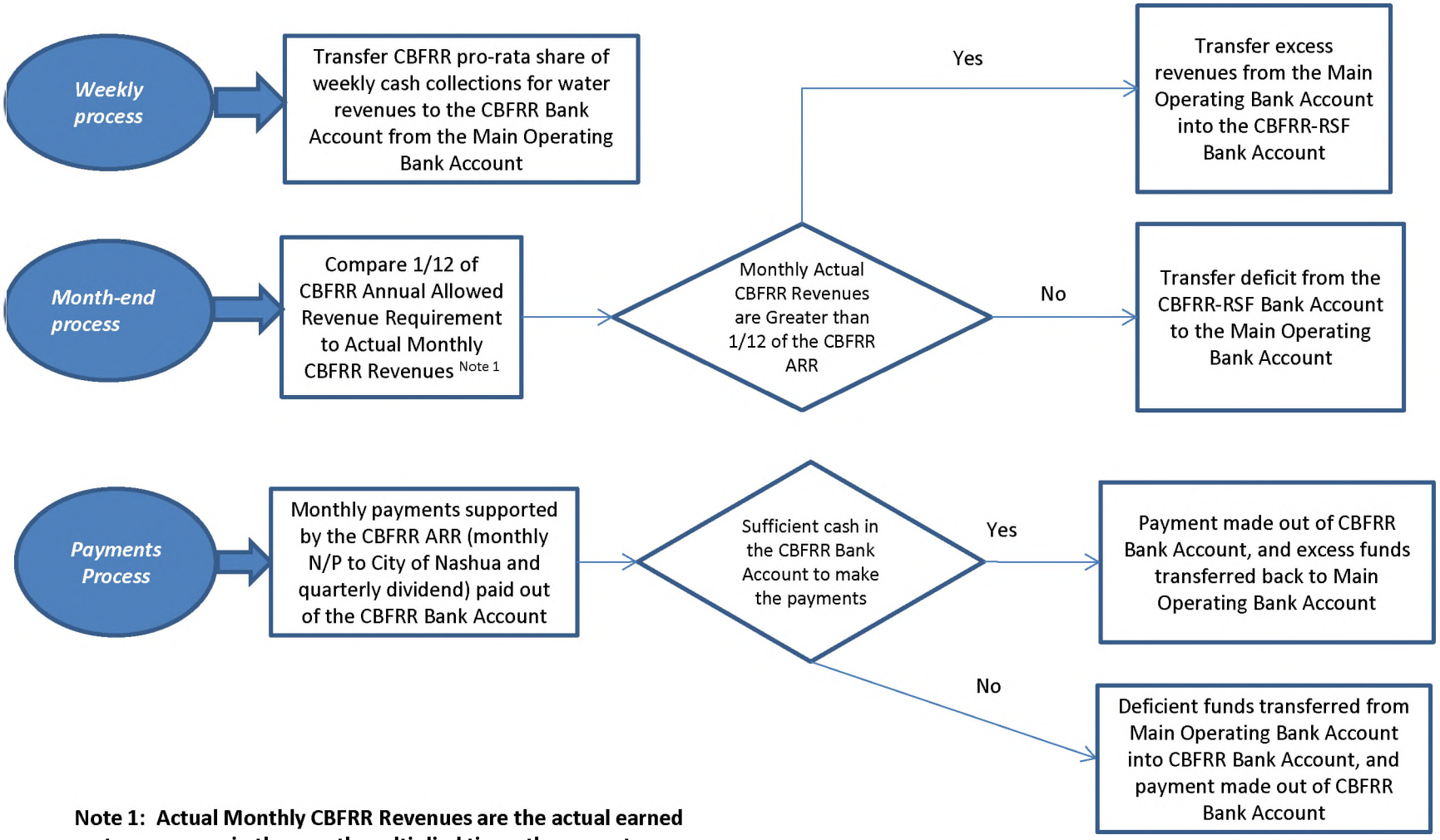
MOERR RSF: Funds used to provide cash flow for allowable expenses, defined as PWW's Operation and Maintenance Expenses (less those in the NOERR), Property Tax Expense, Payroll Tax Expense, and Amortization Expense.

NOERR: Funds expenses that are potentially imprudent expenditures within the context of a rate proceeding. The categorization of an expense item in the NOERR does not preclude PWW's recovery of such in rates, as long as that expense item is found to be prudently incurred within the pro forma test year. They may not, however, be included in any use of or replenishment from the MOERR RSF.

DSRR-1.0 RSF: used to support the payments related to the principal and interest obligations for PWW, in existence as of the most recent rate case test year. The establishment of this DSRR-1.0 RSF bucket is to allow the collection of revenues sufficient to pay the principal and interest of PWW's debt and to satisfy the debt service coverage ratio requirements of PWW's bond financings and Pennichuck Corporation's covenant requirements of its line of credit, which is used by Pennichuck Corporation and its subsidiaries as a "back stop" to short-term working capital needs.

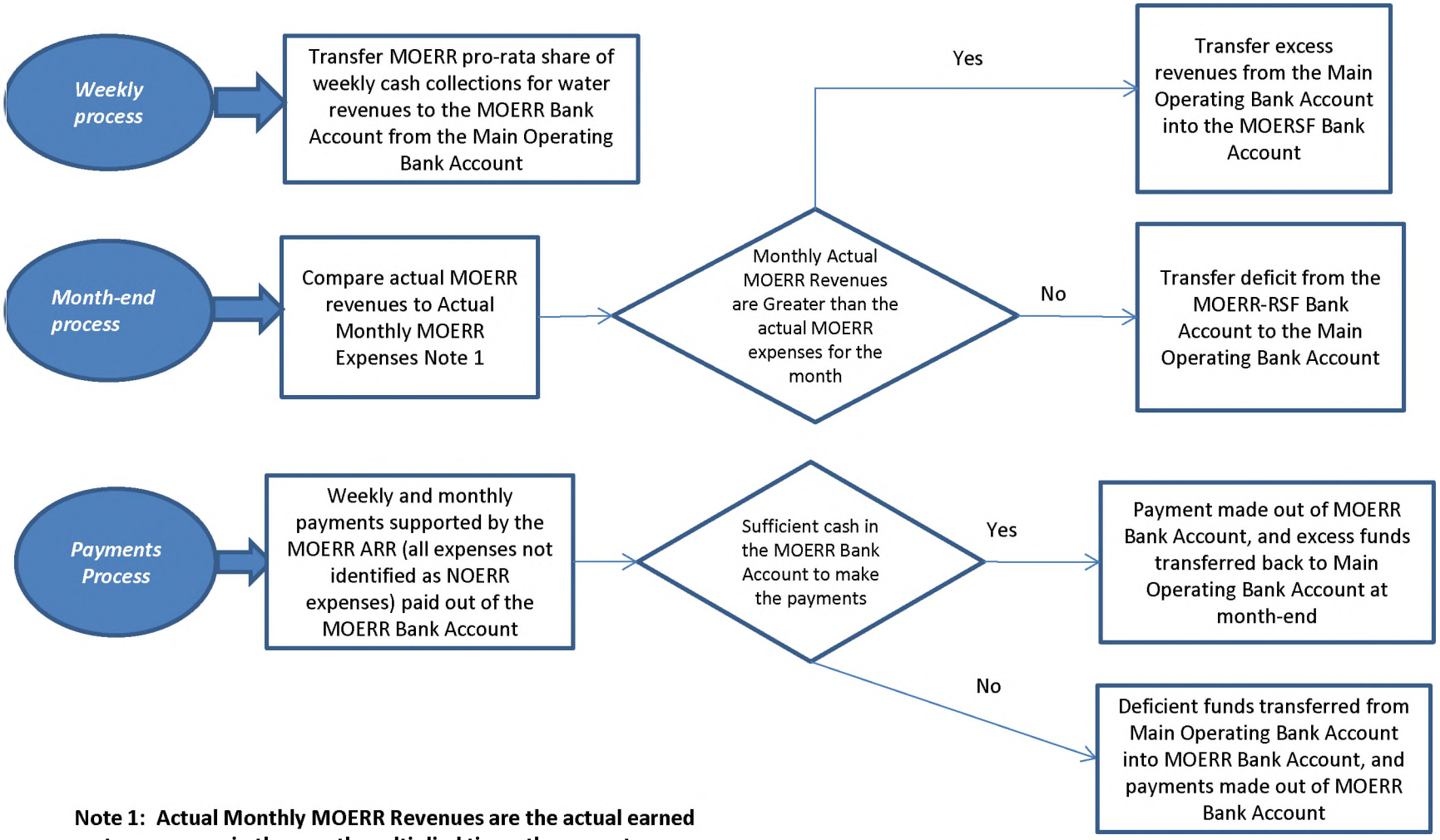
DSRR-0.1: The intended purposes for the establishment of the DSRR-0.1 are 1) to allow for the collection of revenues sufficient to satisfy the debt service coverage ratio requirements of PWW's bond financings and Pennichuck Corporation's covenant requirements for its line of credit, which is used by Pennichuck Corporation and its subsidiaries as a "back stop" for short-term capital needs; and 2) to allow PWW to collect revenues over-and-above its actual debt service in order to comply with cash flow coverage requirements which are typical for such financings as well as to meet obligations on new debt incurred between rate filings as supported by the annual QCPAC surcharge.

Pennichuck Water Works , Inc. - DW 16-806
Rate Making Concept Flow Diagram - Flowchart A



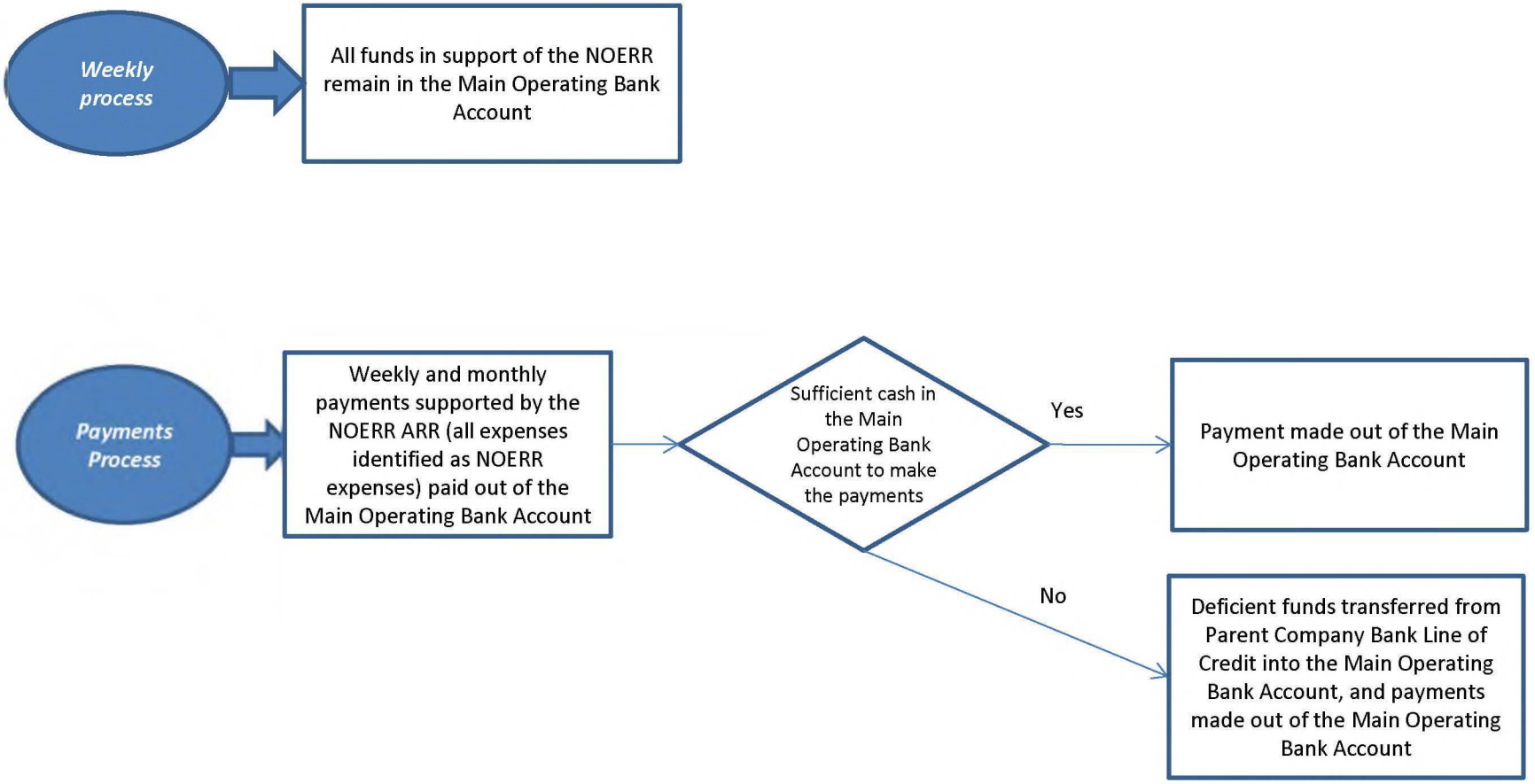
Note 1: Actual Monthly CBFRR Revenues are the actual earned water revenues in the month multiplied times the pro-rata percentage of revenues allocated to the CBFRR, per the last rate case, inclusive of the annual step increase.

Pennichuck Water Works , Inc. - DW 16-806
Rate Making Concept Flow Diagram - Flowchart B

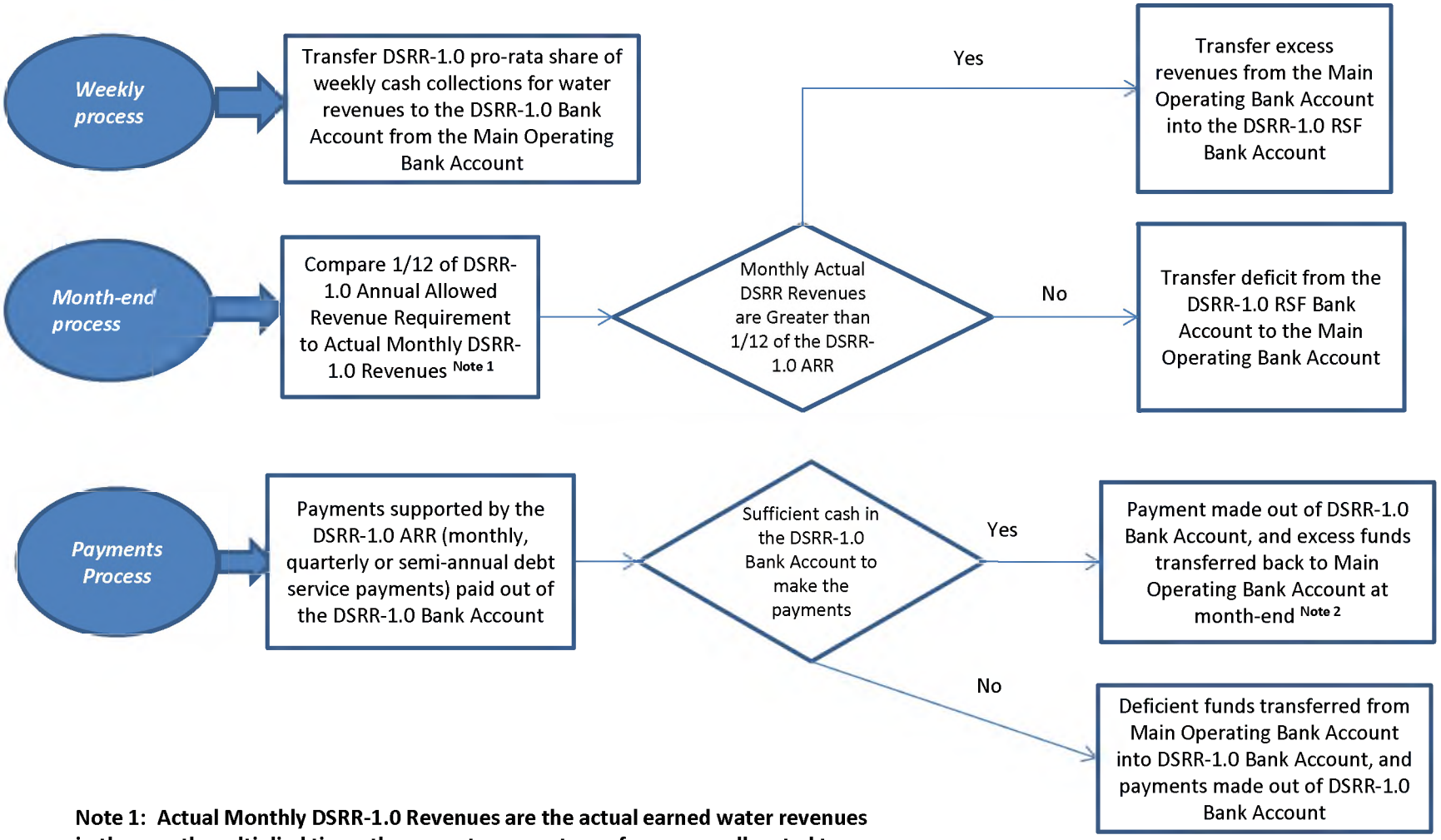


Note 1: Actual Monthly MOERR Revenues are the actual earned water revenues in the month multiplied times the pro-rata percentage of revenues allocated to the MOERR, per the last rate case, inclusive of the annual step increase.

Pennichuck Water Works , Inc. - DW 16-806
Rate Making Concept Flow Diagram - Flowchart C



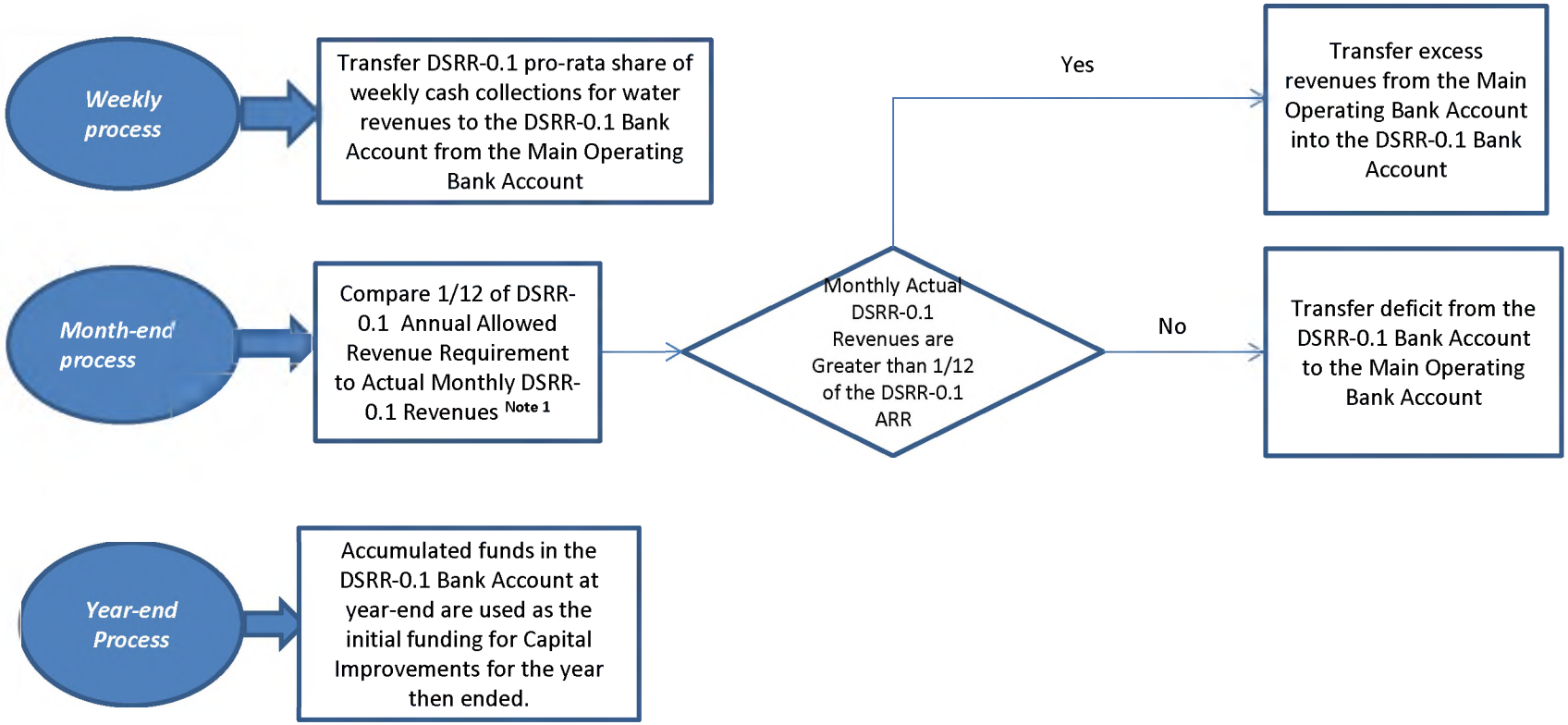
Pennichuck Water Works , Inc. - DW 16-806
Rate Making Concept Flow Diagram - Flowchart D



Note 1: Actual Monthly DSRR-1.0 Revenues are the actual earned water revenues in the month multiplied times the pro-rata percentage of revenues allocated to the DSRR-1.0, per the last rate case, inclusive of the annual step increase.

Note 2: Adequacy of funds in the DSRR-1.0 Bank Account each month will be determined as 100% of monthly payment obligations, 33 1/3% of quarterly payment obligations and 1/12 of the annual debt service for semi-annual payment obligations.

Pennichuck Water Works , Inc. - DW 16-806
Rate Making Concept Flow Diagram - Flowchart E



Note 1: Actual Monthly DSRR 0.1 Revenues are the actual earned water revenues in the month multiplied times the pro-rata percentage of revenues allocated to the DSRR-0.1, per the last rate case, inclusive of the annual step increase.

Pennichuck Water Works, Inc.
Accounts Excluded From MOERR
DW 16-806

Exhibit 4
Appendix B

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		Test Year	Co Proforma Adj's - (Per Company Filing - Sch 1)	Revisions per Co Responses to Set 1 DR's	Revisions per Co Responses to Set 2 DR's	Revisions per Co Responses to Staff Audit	Revisions per Co Responses to Tech 1 DR's	Revisions per Co Responses to Set 3 DR's	Adj Totals (Per Co's Revised Sch 1)
		2015 Totals							
921002-001-2109	SENIOR MANAGEMENT VEHICLES	3,247.08							3,247.08
921003-001-2109	SENIOR MGMT - FUEL PURCHASED	6,103.20							6,103.20
921004-001-2109	SENIOR MGMT-VEH REGISTRATION	1,193.40							1,193.40
923000-001-2109	OUTSIDE SERVICES	314,273.70				$ (5,567)			308,706.67
926001-001-2109	OFFICER'S LIFE INSURANCE	1,174.80							1,174.80
926500-001-2109	MISC EMPLOYEE BENEFITS	39,169.75				$ (4,182)			34,988.25
926501-001-2109	MISC EMPLOYEE BENEFITS-WELLNESS	7,134.48				$ (3,567)			3,567.48
926502-001-2109	MISC EMPLOYEE BENEFITS-ACTIVITIES	29,265.54					$ (18,640)		10,625.78
926505-001-2109	EMPLOYEE RELATIONS	826.76							826.76
926600-001-2109	TUITION REIMBURSEMENTS	15,946.30							15,946.30
926610-001-2109	TRAINING EDUCATIONAL SEMINARS	145,225.25							145,225.25
930100-001-2109	MEETINGS & CONVENTIONS	23,038.99							23,038.99
930101-001-2109	MEMBERSHIPS	27,021.64							27,021.64
930200-001-2109	PUBLIC RELATIONS	3,130.44							3,130.44
930300-001-2109	MEALS	3,516.77							3,516.77
930410-001-2109	CHARITABLE CONTRIBUTIONS	-							-
	Total of Non RSF backed O&M Expenses	620,268.10	-	-	-	(13,315.53)	(18,639.76)	-	588,312.81

Pennichuck Water Works Inc
PRO FORMA Adjustments to Revenue Requirement
Calculation of PWW's share of City Bond Fixed Revenue Requirement

Revenue

1 To recognize adjustment of fixed annual revenue requirement to meet City Bond obligation.

Total City Bond	$ 150,570,000	
Bond Interest Rate	4.09%	
Bond Period	30	yrs.

Total City Bond	$ 150,570,000	
Less Rate Stabilization fund	$5,000,000	
Amount of City Bond to be prorated between Utilities CBFRR	$ 145,570,000	
PWW Share of CBFRR	88.12%	
PWW Prorate share	$128,282,230	
Add back PWW Pro Rata Share of Rate Stabilization Reserve	$ 3,920,000	
Total PWW Pro Rata Share for CBFRR/MARA	$ 132,202,230	
Bond Interest Rate	4.09%	
Bond Period	30	yrs.
	$ 7,729,032	

Notes:

(1) Pro Rata Calculation as follows:

PWW & Southwood Equity (12/31/2011) **(2)**	$ 56,442,675	88.12%
PEU Equity (12/31/2011)	$ 6,540,063	10.21%
PAC Equity (12/31/2011)	$ 1,066,353	1.66%
	$ 64,049,091	100.00%

5. Calculation of RSF Pecentage based on Revenue requirements from DW13-126, 13-128 and 13-130

RSF amount funded by City Bond -	$ 5,000,000	
PWW Revenue Requirment -	$27,689,214	per DW13-130 Settlement Agreement
PEU Revenue Requirement -	$6,913,261	per DW13-126 Settlement Agreement
PAC Revenue Requirement -	$745,186	per DW13-128 Settlement Agreement
Pww Share of RSF as a percentage -	78.33%	
Pww Share of RSF in $$ -	$ 3,920,000	

(2) Consists of Equity as of 12/31/2011 as follows:

PWW	$ 54,395,626
Southwood	$ 2,047,049
Total	$ 56,442,675

Pennichuck Water Works, Inc.

Stabilization Fund Calculations - Settlement
Revised 7/14/2017

DW 16-806
Settlement Agreement
Exhibit 6

PWW Proforma Test Year 2016 with Step Increase

Proformed Revenue Requirement[1] - $ **31,496,787**

				Operating Expense Revenue Requirement (OERR)		Debt Service Revenue Requirement (DSRR)	
			CBFRR	Material Operating Expense Revenue Requirement (MOERR)	Non-material Operating Expense Revenue Requirement (NOERR)[6]	Debt Service Revenue Requirement-1.0 (DSRR-1.0)[1]	Debt Service Revenue Requirement-0.1 (DSRR-0.1)
		Revenue Requirement[2] -	$ 7,729,032	$ 16,338,929	$ 588,313	$ 6,218,648	$ 621,865
		Percentage of Revenues -	24.54%	51.87%	1.87%	19.74%	1.97%
Inflation @ 3.5%	3	Years coverage[7,8] -	$ 401,497	$ 2,592,419		$ 355,342	$ -
		Requested Rate Stabilization Fund by Revenue Category[3,4] -	**$ 680,000**	**$ 2,850,000**	**No Stabilization Fund**	**$ 390,000**	**No Stabilization Fund**
		Based on largest variance from five year ave of -	2.97%				

Revenue Type	2011 PWW Billed Revenue	2012 PWW Billed Revenue	2013 PWW Billed Revenue	2014 PWW Billed Revenue	2015 PWW Billed Revenue
Total Volumetric Charges	$ 16,622,272	$ 15,651,252	$ 15,093,982	$ 15,450,288	$ 16,707,646
Total Meter Charge (fixed)	$ 7,785,233	$ 7,984,498	$ 8,162,854	$ 8,243,956	$ 8,447,197
Total Fire Protection (fixed)	$ 1,060,406	$ 1,023,146	$ 1,027,245	$ 1,039,273	$ 1,057,725
Total Hydrant Charges (fixed)	$ 3,023,363	$ 3,030,318	$ 3,047,037	$ 3,060,346	$ 3,075,100
Total Billed Revenue	$ 28,491,274	$ 27,689,214	$ 27,331,118	$ 27,793,863	$ 29,287,668
% of Revenues that are variable	58.3%	56.5%	55.2%	55.6%	57.0%
% of Revenues that are fixed	41.7%	43.5%	44.8%	44.4%	43.0%

Calculation of Initial Funding of MOERR RSF	Inflation[9]	Revenue Shortfall[10]
Yr 1 -	$ 569,149	$ 281,575
Yr 2 -	$ 588,974	$ 281,575
Yr 3 -	$ 589,570	$ 281,575
	$ 1,747,693	$ 844,725
Totals -		$ 2,592,419

Maximum percentage of revenues that were variable during the previous 5 years - 58.3%

Expense Type	2011 PWW Actual Variable Expenses	2012 PWW Actual Variable Expenses	2013 PWW Actual Variable Expenses	2014 PWW Actual Variable Expenses	2015 PWW Actual Variable Expenses
Purchased Water	$ 360,484	$ 417,588	$ 415,331	$ 393,060	$ 462,177
Electric	$ 952,788	$ 1,012,378	$ 873,619	$ 898,211	$ 1,164,461
Chemicals	$ 576,807	$ 664,711	$ 659,914	$ 696,650	$ 668,919
Sludge Disposal	$ 185,987	$ 212,727	$ 246,601	$ 303,057	$ 316,654
Total Variable Costs	$ 2,076,066	$ 2,307,404	$ 2,195,465	$ 2,290,978	$ 2,612,211
Total Revenues	7.3%	8.3%	8.0%	8.2%	8.9%

	2011 Actual CCF's sold by PWW	2012 Actual CCF's sold by PWW	2013 Actual CCF's sold by PWW	2014 Actual CCF's sold by PWW	2015 Actual CCF's sold by PWW
Annual Metered Sales (CCF)	4,991,406	5,200,729	4,948,775	4,988,184	5,349,169
Current and High Consumption	-7.17%	-2.85%	-8.09%	-7.24%	0.00%
the past five years	5,095,653				
Ave Consumption	-2.09%	2.02%	-2.97%	-2.15%	4.74%

Largest percentage reduction in volumetric sales at **PWW of** 2.97% over the past five years from the five year average of volumetric sales

Results in a Revenue loss of	$ 495,876
Results in an Operating Expense reduction of	$ 77,529
Results in an Operating Income reduction of	$ 418,347

Notes:

1. Based on Debt Service Multiplier of 1.10 per Sch A of 1604.06 schedules
2. Revenue requirements per Sch A Perm-Modified of 1604.06 schedules
3. Requested Rate Stabilization fund for Operating Expense and Debt Service Revenue Requirements each have a contingency of 10% safety factor
4. PWW share of the $5,000,000 RSF for distribution to the RSF,MOERR RSF and the DSRR-1.0 is[5] 78.33% based on % of PWW revenues (2012 Case) to % of all three regulated utilities revenues (2012 Cases). $ 3,920,000

5. Calculation of RSF Percentage based on Revenue requirements from DW13-126, 13-128 and 13-130.

PWW Revenue Requirement -	$ 27,689,214	per DW13-130 Settlement Agreement
PEU Revenue Requirement -	$ 6,913,261	per DW13-126 Settlement Agreement
PAC Revenue Requirement -	$ 745,186	per DW13-128 Settlement Agreement
Total Utility Revenue Requirement -	$ 35,347,661	

6. For Calculation of Operating Expense Requirement see Exhibit 1.1

7. Calculation of CBFRR RSF amount of $401,497 is as follows: Annual CBFRR of $7,729,032 is multiplied by 2.97% (largest projected loss of revenue year over year) and then multiplied by 58.3% (which is the average percentage of revenues associated with volumetric sales) and then multiplied by 3 to provide for three years of coverage between expected rate filings.

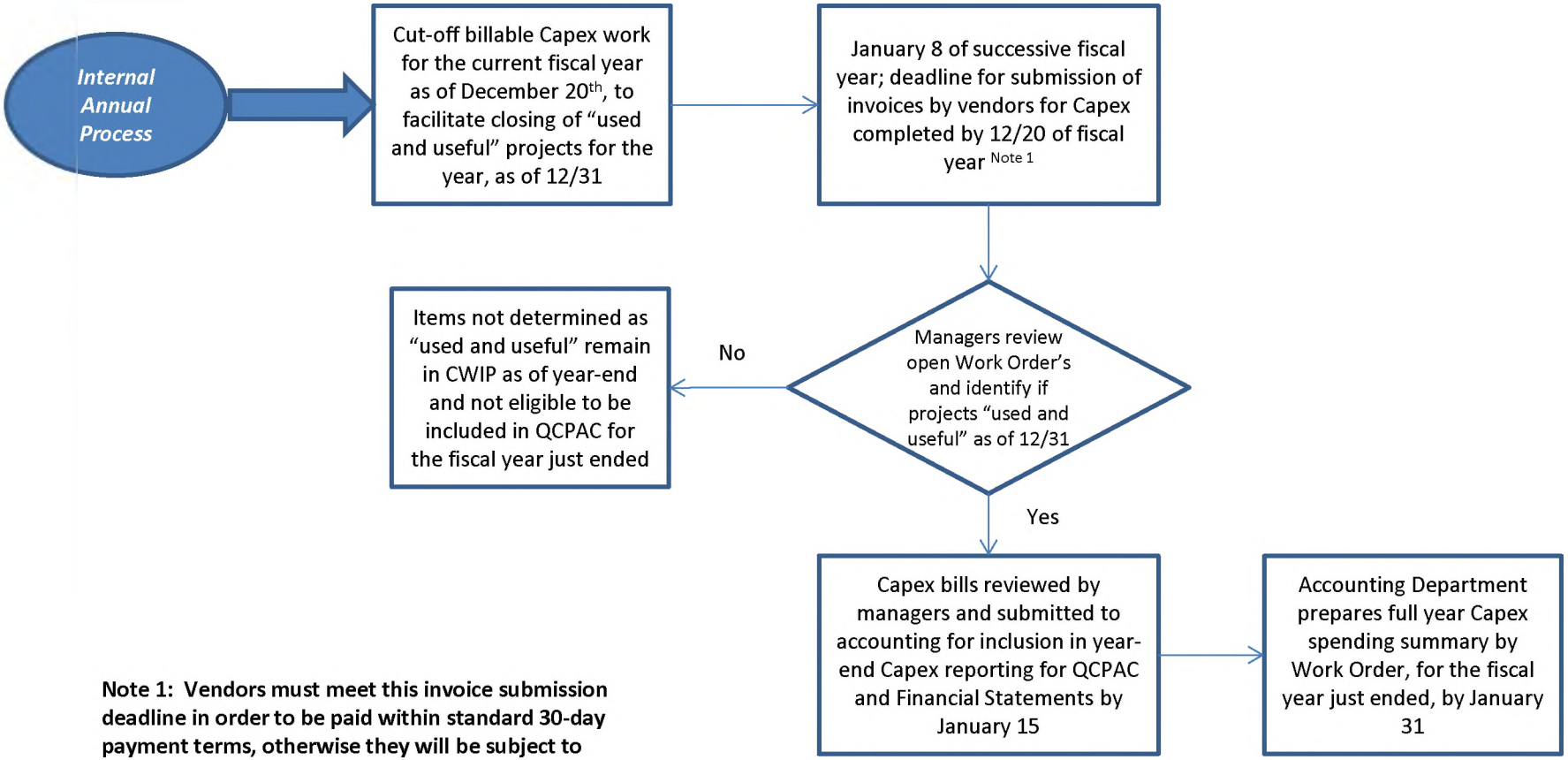
8. Calculation of DSRR RSF amount of $355,342 is as follows: Current DSRR of $6,218,648 plus the DSRR-0.1 amount of $621,865 for a total of $6,840,513 which is multiplied by 2.97% (largest projected loss of revenue year over year) and then multiplied by 58.3% (which is the average percentage of revenues associated with volumetric sales) and then multiplied by 3 to provide for three years of coverage between expected rate filings.

9. Calculation of the MOERR RSF amount of $2,592,419 is calculated in two components. The first component is associated with impacts of inflation on operating expenses, the second component is associated with a loss in revenues associated with wet weather. The inflation impact on Operating expenses is calculated by taking an inflation rate of 3.5% and multiplying this by the material operating expenses less the reduction in operating expenses associated with the reduced sale, or $16,338,929 in material operating expenses less $77,529 in reduced production costs associated with a reduction in pumpage for an inflation impacted material operating expenses of $16,261,400. The calculation of the inflationary impact on years 2 and 3 includes the compacting effect of each previous years inflation.

10. The second component of the in the calculation of the MOERR RSF is the associated with the impact of a reduction in revenues from the allowed test year revenues. The revenue loss component is calculated multiplying the difference between the material operating expenses of $16,338,929 and the reduction in operating costs associated with reduced pumpage of $77,529 by largest projected loss of revenues year over year of 2.9% and then multiplying that by the percentage of total sales that are volumetric of or 58.3%.

Pennichuck Water Works , Inc.
DW 16-806
QCPAC Process Flow Diagram

DW 16-806
Settlement Agreement
Exhibit 7

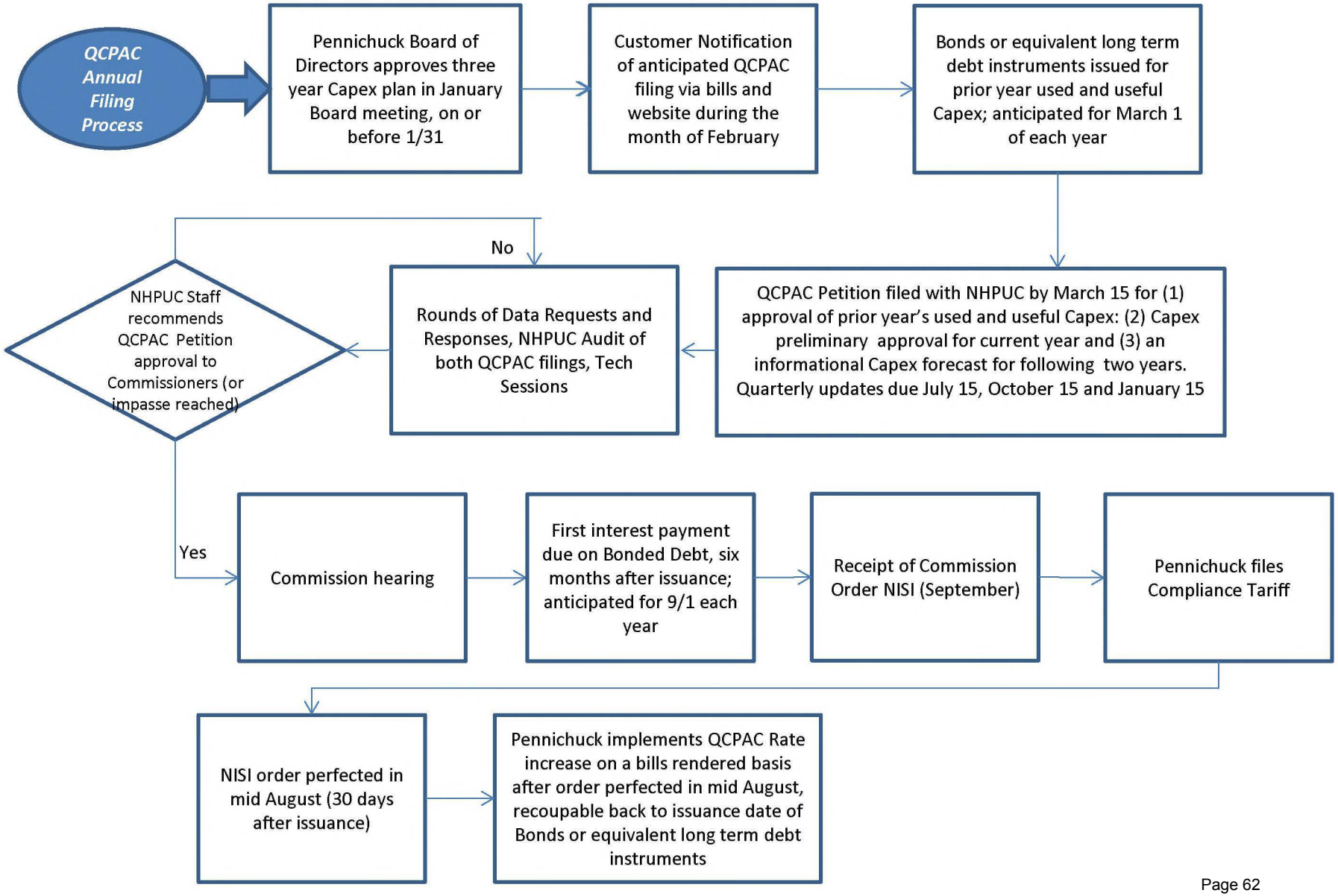


Note 1: Vendors must meet this invoice submission deadline in order to be paid within standard 30-day payment terms, otherwise they will be subject to delayed "penalty" payment terms. This requirement to be implemented in all vendor contracts gong forward.

Note 2: No Capex projects/purchases allowed except for emergencies and/or essential carryover projects – 1/1-2/28 of successive fiscal year

Note 3: Submission of invoices by vendors for Capex completed by 12/20 of fiscal year, after January 8 of successive fiscal year, subject to delayed 60-day payment terms (as a facilitator to receive invoices timely for year-end QCPAC and Financial reporting purposes).

Pennichuck Water Works , Inc.
DW 16-806
QCPAC Process Flow Diagram



DW 16-806
PENNICHUCK WATER WORKS, INC.
REVENUE REQUIREMENT
ORIGINAL RATE STRUCTURE

	TEST YEAR PERMANENT RATES	5-YEAR AVG PERMANENT RATES	5-YEAR AVG PERM RATES w/2016 STEP ADJ
CALCULATION OF REVENUE REQUIREMENT OTHER THAN CBFRR			
1) Rate Base (Sch 2-Perm / Sch 2-5YAvg / Sch 2-Step)	$ 54,295,659	$ 54,274,706	$ 70,411,676
2) Rate of Return (Sch 1A-Perm/5YAvg / Sch 1A-Step)	5.00%	5.00%	4.82%
3) Operating Income Requirement [(1) x (2)]	2,715,130	2,714,082	3,394,447
4) Pro-forma Operating Income (Sch 3-Perm / Sch 3-5YAvg / Sch 3-Step)	3,274,815	2,988,041	2,612,222
5) Revenue Deficiency (Surplus) Before Taxes [(3) - (4)]	(559,685)	(273,959)	782,225
6) Divided by Tax Factor (Sch 1B)	60.39%	60.39%	60.39%
7) Revenue Deficiency (Surplus) [(5) ÷ (6)]	(926,784)	(453,649)	1,295,289
8) Pro-forma Water Rev's not Subject to CBFRR (Sch 3-Perm / Sch 3-5YAvg / Sch 3-Step)	22,441,962	21,797,159	21,797,159
9) Total Water Revenues not Subject to CBFRR [(7) + (8)]	**$ 21,515,178**	**$ 21,343,510**	**$ 23,092,448**
CALCULATION OF PERCENT INCREASE (DECREASE) IN WATER REVENUES			
10) Calculated Revenue Deficiency (Surplus) [(7)]	**$ (926,784)**	**$ (453,649)**	**$ 1,295,289**
11) Test Year Pro-forma Water Revenues not Subject to CBFRR [(8)]	$ 22,441,962	$ 21,797,159	$ 21,797,159
12) Add: City Bond Fixed Revenue Requirement (CBFRR) **(a)**	7,465,139	7,465,139	7,465,139
13) Total Test Year Pro-forma Water Revenues (including CBFRR) [(11) + (12)]	**$ 29,907,101**	**$ 29,262,298**	**$ 29,262,298**
14) **Percent Increase (Decrease) in Water Revenues** [(10) ÷ (13)]	**-3.10%**	**-1.55%**	**4.43%**
CALCULATION OF TOTAL PROPOSED WATER REVENUES (INCLUDING CBFRR)			
15) Total Test Year Pro-forma Water Revenues (including CBFRR) [(13)]	$ 29,907,101	$ 29,262,298	$ 29,262,298
16) Add: Revenue Deficiency (Surplus) [(10)]	(926,784)	(453,649)	1,295,289
17) **Total Water Revenues - Original Rate Structure** [(15) + (16)]	**$ 28,980,317**	**$ 28,808,649**	**$ 30,557,587**

Notes:
(a) Per revised 1604.06 Sch 1, Att A submitted with responses to Staff DR's - Set 3, the Co elimininated Water Sales Adj IB relative to its proposed annual Nashua Eminent Domain Cost recovery enhancement of $440,620 to the CBFRR. Therefore, the Co's proposed annual CBFRR decreased from $7,905,759 as originally proposed to $7,465,139 as calculated per the approved Settlement Agreement in DW 11-026.

DW 16-806
PENNICHUCK WATER WORKS, INC.
REVENUE REQUIREMENT
MODIFIED RATE STRUCTURE

	TEST YEAR PERMANENT RATES	5-YEAR AVG PERMANENT RATES	5-YEAR AVG PERM RATES w/2016 STEP ADJ
CITY BOND FIXED REVENUE REQUIREMENT (CBFRR)			
1) City Bond Fixed Revenue Requirement (CBFRR) - Modified Rate Structure **(a')**	**$ 7,729,032**	**$ 7,729,032**	**$ 7,729,032**
OPERATING EXPENSE REVENUE REQUIREMENT (OERR)			
2) Total Pro-forma O & M Expenses (Sch 3-Perm / Sch 3-5YAvg / Sch 3-Step)	$ 12,372,019	$ 12,202,085	$ 12,202,085
3) Pro-forma Property Tax Expense (Sch 3-Perm) / (Sch 3-5YAvg) / **(Staff Adj # 1)**	4,317,992	4,317,992	4,839,426
4) Pro-forma Payroll Tax Expense (Sch 3-Perm / Sch 3-5YAvg / Sch 3-Step)	615,326	615,326	615,326
5) Pro-forma Amortization Expense (Sch 3-Perm / Sch 3-5YAvg / Sch 3-Step)	(462,829)	(462,829)	(729,593)
6) Operating Expense Revenue Requirement [(2) + (3) + (4) + (5)]	**$ 16,842,508**	**$ 16,672,574**	**$ 16,927,243**
DEBT SERVICE REVENUE REQUIREMENT (DSRR)			
7) Pro-forma Annual Principal and Interest Payments (Sch 1C-Perm / Sch 1C-Step)	$ 4,462,778	$ 4,462,778	$ 6,218,648
8) Debt Service Coverage Requirement **(b)**	x 1.1	x 1.1	x 1.1
9) Debt Service Revenue Requirement [(7) x (8)]	**$ 4,909,056**	**$ 4,909,056**	**$ 6,840,513**
10) **Total Proposed Water Revenues - Modified Rate Structure** [(1) + (6) + (9)]	**$ 29,480,596**	**$ 29,310,662**	**$ 31,496,788**
CALCULATION OF PERCENT INCREASE (DECREASE) IN WATER REVENUES			
11) Pro-forma Water Rev's not Subject to CBFRR (Sch 3-Perm / Sch 3-5YAvg / Sch 3-Step)	$ 22,441,962	$ 21,797,159	$ 21,797,159
12) Add: CBFRR - Original Rate Structure (Sch 3-Perm, Col 1)	7,465,139	7,465,139	7,465,139
13) Total Test Year Pro-forma Water Revenues (including CBFRR) [(11) + (12)]	$ 29,907,101	$ 29,262,298	$ 29,262,298
14) Proposed Increase / (Decrease) in Revenue Requirement [(10) - (13)]	**$ (426,505)**	**$ 48,364**	**$ 2,234,490**
15) **Proposed Percent Increase (Decrease) in Water Revenues** [(14) ÷ (13)]	**-1.43%**	**0.17%**	**7.64%**

Notes:
(a') Per the Co's revised CBFRR calculation under the proposed Modified Rate Structure. (See Co's Revised 1604.06 Sch 1, Att A2)

(b) Per revised 1604.06 Sch A - Modified submitted with the responses to Staff DR's - Set 3, the Co revised its proposed Debt Service Coverage Requirement from 1.25x as originally proposed to 1.1x.

Staff Adj:
1 Calculation of Pro-forma Property Tax Expense relative to the 2016 Step Adjustment under the Proposed Modified Rate Structure:

Pro-forma Property Tax Expense per Sch 3-Step			$ 4,837,381
Property Tax Expense on all 2016 plant additions (Sch 9)	$ 530,102		
Less: Property Tax Exp on 2016 plant additions for step adj - Original Rate Structure (Sch 9)	(527,130)	→	2,972
Property Tax Expense on all 2016 plant retirements (Sch 10)	(8,669)		
Less: Property Tax Exp on 2016 plant retire's for step adj - Original Rate Structure (Sch 10)	7,741	→	(928)
Adjusted pro-forma Property Tax Expense under Proposed Modified Rate Structure			$ 4,839,426

DW 16-806
PENNICHUCK WATER WORKS, INC.
COST OF CAPITAL - PERMANENT RATES

	RATE		PRO-FORMA BALANCE		COMPONENT RATIO	WEIGHTED AVERAGE COST RATE
Long-Term Debt	4.984%	**(c)**	$ 71,359,813	**(d)**	97.56%	4.86%
Common Equity	5.683%	**(e)**	1,782,661	**(f)**	2.44%	0.14%
TOTAL CAPITALIZATION			$ 73,142,474		100.00%	5.00%

Notes:

(c) Per Sch 1Aii (Funded Effective Rate - 2015)

(d) Per Sch 1Ai (Long-term Debt-Adjusted Balance - 2015)

(e) Per Co's response to Staff Tech 1-28, Co's Common Equity Rate was revised from 5.84% to 5.68%, as follows:

Sep-15		2.950%
Oct-15		2.890%
Nov-15		3.030%
Dec-15		2.970%
Jan-16		2.860%
Feb-16		2.620%
Mar-16		2.680%
Apr-16		2.620%
May-16		2.630%
Jun-16		2.450%
Jul-16		2.230%
Aug-16		2.260%
Average		2.683%
Additional Percentage per DW 11-026 Settlement	+	3.000%
Stipulated Return on Total Common Equity		5.683%

(f) Per Sch 1Aiii

DW 16-806
PENNICHUCK WATER WORKS, INC.
COST OF CAPITAL - STEP ADJUSTMENT

	RATE		PRO-FORMA BALANCE		COMPONENT RATIO	WEIGHTED AVERAGE COST RATE
Long-Term Debt	4.802%	**(g)**	$ 82,607,487	**(h)**	97.89%	4.70%
Common Equity	5.683%	**(e)**	1,782,661	**(f)**	2.11%	0.12%
TOTAL CAPITALIZATION			$ 84,390,148		100.00%	4.82%

Notes:

(e) Per Co's response to Staff Tech 1-28, Co's Common Equity Rate was revised from 5.84% to 5.68%, as follows:

Sep-15		2.950%
Oct-15		2.890%
Nov-15		3.030%
Dec-15		2.970%
Jan-16		2.860%
Feb-16		2.620%
Mar-16		2.680%
Apr-16		2.620%
May-16		2.630%
Jun-16		2.450%
Jul-16		2.230%
Aug-16		2.260%
Average		2.683%
Additional Percentage per DW 11-026 Settlement	+	3.000%
Stipulated Return on Total Common Equity		5.683%

(f) Per Sch 1Aiii

(g) Per Sch 1Aii (Funded Effective Rate - 2016)

(h) Per Sch 1Ai (Long-term Debt-Adjusted Balance - 2016)

DW 16-806
PENNICHUCK WATER WORKS, INC.
COST OF DEBT - DEBT FUNDED

Holder	Term	Maturity	Int Rate	LONG-TERM DEBT AS OF 12/31/15	LONG-TERM DEBT Balance Per Co's Rate Filing	LONG-TERM DEBT Co Adj's per DR's	LONG-TERM DEBT Adj's per Staff	LONG-TERM DEBT Adjusted Balance	UNAMORTIZED DEBT ISSUE COSTS Per Co's Rate Filing	UNAMORTIZED DEBT ISSUE COSTS Co Adj's per DR's	UNAMORTIZED DEBT ISSUE COSTS Adj's per Staff	UNAMORTIZED DEBT ISSUE COSTS Adjusted Balance	UNAMORTIZED DEBT PREMIUM Per Co's Rate Filing	UNAMORTIZED DEBT PREMIUM Co Adj's per DR's	UNAMORTIZED DEBT PREMIUM Adj's per Staff	UNAMORTIZED DEBT PREMIUM Adjusted Balance	ADJUSTED BALANCE DEBT FUNDED
Debt Outstanding Throughout Test Year																	
American United Life Insurance (AULI)	25	03/01/21	7.400%	$ 4,400,000	$ 4,400,000			$ 4,400,000	$ (44,459)			$ (44,459)	$ -			$ -	$ 4,355,541
SRF Loan - Hubbard Hill	20	04/01/22	3.800%	139,062	139,062			139,062	-			-	-			-	139,062
SRF Loan - Contract # 4 (Water Treatment Plant)	20	10/01/29	4.488%	2,331,336	2,331,336			2,331,336	(3,163)			(3,163)	-			-	2,328,173
ARRA Loan - Ashley Commons	20	05/01/31	2.952%	380,585	380,585	- (i)		380,585	(2,004)			(2,004)	-			-	378,581
ARRA Loan - French Hill	20	07/01/32	2.864%	1,152,319	1,152,319	- (i)		1,152,319	(6,103)			(6,103)	-			-	1,146,216
ARRA Loan - Glenn Ridge	20	09/01/32	2.864%	87,446	87,446	- (i)		87,446	-			-	-			-	87,446
ARRA Loan - Armory (S Nashua Booster Station)	20	01/01/32	2.864%	260,485	260,485	- (i)		260,485	(1,351)			(1,351)	-			-	259,134
SRF Loan - Drew Woods	20	06/01/32	2.952%	725,547	725,547			725,547	(7,298)			(7,298)	-			-	718,249
SRF Loan - Cross Street, Amherst (Nashua Core)	20	07/01/36	2.464%	40,756	40,756			40,756	(259)			(259)	-			-	40,497
SRF Loan - Boston Post Road, Amherst (Nashua Core)	20	07/01/36	2.464%	407,729	407,729			407,729	(2,589)			(2,589)	-			-	405,140
SRF Loan - Burke Street (Nashua Core)	20	07/01/36	2.464%	1,748,767	1,748,767			1,748,767	(11,103)			(11,103)	-			-	1,737,664
BNY Mellon - 2014 A Series Bonds (DW 14-130):																	
2015 (1)	30	01/01/16	3.000%	955,000	955,000			955,000	(22,957)			(22,957)	37,994			37,994	970,037
2016 (1)	30	01/01/17	4.000%	995,000	995,000			995,000	(23,918)			(23,918)	39,585			39,585	1,010,667
2017 (1)	30	01/01/18	4.000%	1,030,000	1,030,000			1,030,000	(24,760)			(24,760)	40,978			40,978	1,046,218
2018 - 2030 (13)	30	Various	5.000%	19,215,000	19,215,000			19,215,000	(461,901)			(461,901)	764,451			764,451	19,517,550
2031 - 2036 (6)	30	Various	4.000%	11,810,000	11,810,000		(2,539,219) (2)	9,270,781	(283,896)		61,039 (2)	(222,857)	469,851		(101,021) (2)	368,830	9,416,755
2037 - 2044 (8)	30	Various	4.125%	7,880,000	7,880,000		(7,880,000) (2)	-	(189,425)		189,425 (2)	-	313,501		(313,501) (2)	-	-
Total - 2014 A Series (30)				41,885,000	41,885,000	-	(10,419,219)	31,465,781	(1,006,857)	-	250,464	(756,393)	1,666,360	-	(414,522)	1,251,838	31,961,227
BNY Mellon - 2014 B Series Bonds (DW 14-130):																	
2015 (1)	30	01/01/16	4.500%	85,000	85,000			85,000	(2,043)			(2,043)	3,381			3,381	86,338
2016 (1)	30	01/01/17	4.500%	90,000	90,000			90,000	(2,163)			(2,163)	3,580			3,580	91,417
2017 - 2044 (28)	30	Various	4.500%	5,125,000	5,125,000			5,125,000	(123,198)			(123,198)	203,890			203,890	5,205,692
Total - 2014 B Series (30)				5,300,000	5,300,000	-	-	5,300,000	(127,404)	-	-	(127,404)	210,851	-	-	210,851	5,383,447
Debt Acquired During Test Yest																	
SRF Loan - Timberline Booster Station (DW 15-046)	20	07/01/36	2.616%	330,000	330,000			330,000	(2,096)			(2,096)	-			-	327,904
SRF Loan - Raw Water Transmission (DW 15-046)	20	11/01/36	3.168%	1,991,623	1,991,623	(1,991,623) (j)		-	(10,182)	10,182 (l)		-	-			-	-
SRF Loan - Amherst Street - 2016 (DW 16-236)	30	05/01/47	2.464%	-	-			-	-	- (k,l)		-	-			-	-
BNY Mellon - 2015 A Series Bonds (DW 15-196):																	
2016 (1)	30	01/01/17	4.000%	520,000	520,000			520,000	(13,235)			(13,235)	26,554			26,554	533,319
2017 (1)	30	01/01/18	4.000%	545,000	545,000			545,000	(13,872)			(13,872)	27,833			27,833	558,961
2018 (1)	30	01/01/19	4.000%	565,000	565,000			565,000	(14,381)			(14,381)	28,854			28,854	579,473
2019 - 2030 (12)	30	Various	5.000%	9,500,000	9,500,000			9,500,000	(241,800)			(241,800)	485,142			485,142	9,743,342
2031 - 2035 (5)	30	Various	4.250%	5,855,000	5,855,000			5,855,000	(149,025)			(149,025)	299,003			299,003	6,004,978
2036 - 2045 (10)	30	Various	4.500%	3,570,000	3,570,000			3,570,000	(90,866)			(90,866)	182,312			182,312	3,661,446
Total - 2015 A Series (30)				20,555,000	20,555,000	-	-	20,555,000	(523,179)	-	-	(523,179)	1,049,698	-	-	1,049,698	21,081,519
BNY Mellon - 2015 B Series Bonds (DW 15-196):																	
2016 (1)	30	01/01/17	5.000%	95,000	95,000			95,000	(2,416)			(2,416)	12,746			12,746	105,330
2017 (1)	30	01/01/18	5.000%	100,000	100,000			100,000	(2,543)			(2,543)	13,416			13,416	110,873
2018 - 2030 (13)	30	Various	5.000%	1,840,000	1,840,000			1,840,000	(46,790)			(46,790)	246,847			246,847	2,040,057
Total - 2015 B Series (15)				2,035,000	2,035,000	-	-	2,035,000	(51,749)	-	-	(51,749)	273,009	-	-	273,009	2,256,260
Retired Debt																	
25 Yr BFA-NH 6.3% ($4,000,000)				-	-			-	(55,853)			(55,853)	-			-	(55,853)
20 Yr State Revoving Loan 1999				-	-			-	(820)			(820)	-			-	(820)
20 Yr BFA-NH 4.5% ($1,205,000) 01/01/05				-	-			-	(100,827)			(100,827)	-			-	(100,827)
Series A - Pro rata BC-2 Bond Expense				-	-			-	(244,862)			(244,862)	-			-	(244,862)
Series B-1 ($6,000,000) 10/01/06				-	-			-	(136,176)			(136,176)	-			-	(136,176)
B-1 Bond Defeasance				-	-			-	(10,167)			(10,167)	-			-	(10,167)
BFA of NH (Series BC-3)				-	-			-	(189,609)			(189,609)	-			-	(189,609)
BFA of NH (Series BC-4)				-	-			-	(832,785)			(832,785)	-			-	(832,785)
IDA Loans				-	-			-	(11,753)			(11,753)	-			-	(11,753)
BFA-NH (Series 2005B)				-	-			-	(241,380)			(241,380)	-			-	(241,380)
BFA-NH (Series 2005A)				-	-			-	(166,233)			(166,233)	-			-	(166,233)
BFA-NH WTP (2005 Series A)				-	-			-	(756,520)			(756,520)	-			-	(756,520)
TOTALS - 2015				**83,770,655**	**83,770,655**	**(1,991,623)**	**(10,419,219)**	**71,359,813**	**(4,546,781)**	**10,182**	**250,464**	**(4,286,135)**	**3,199,918**	**-**	**(414,522)**	**2,785,396**	**69,859,075**
Debt Associated with 2016 Capital Additions																	
BNY Mellon - 2014 A Series Bonds (DW 14-130):																	
2031 - 2036 (6)	30	Various	4.000%	-	-		2,539,219 (3)	2,539,219	-		(61,039) (3)	(61,039)	-		101,021 (3)	101,021	2,579,200
2037 - 2044 (8)	30	Various	4.125%	-	-		5,084,812 (3)	5,084,812	-		(122,232) (3)	(122,232)	-		202,296 (3)	202,296	5,164,876
Total - 2014 A Series (14)				-	-	-	7,624,031	7,624,031	-	-	(183,272)	(183,272)	-	-	303,317	303,317	7,744,076
SRF Loan - Raw Water Transmission (DW 15-046)	20	11/01/36	3.168%	-	-		2,991,000 (4)	2,991,000	-		(10,182) (4)	(10,182)	-			-	2,980,818
SRF Loan - Amherst Street - 2016 (DW 16-236)	30	05/01/47	2.464%	-	-		632,643 (5)	632,643	-		(4,217) (5)	(4,217)	-			-	628,426
SUB-TOTAL				-	-	-	11,247,674	11,247,674	-	-	(197,671)	(197,671)	-	-	303,317	303,317	11,353,320
TOTALS - 2016				**$83,770,655**	**$83,770,655**	**$ (1,991,623)**	**$ 828,455**	**$82,607,487**	**$ (4,546,781)**	**$ 10,182**	**$ 52,794**	**$ (4,483,805)**	**$ 3,199,918**	**$ -**	**$ (111,205)**	**$ 3,088,713**	**$81,212,395**

DW 16-806
PENNICHUCK WATER WORKS, INC.
COST OF DEBT - DEBT FUNDED

Notes:
(i) Per Co's responses to Staff 3-5 and Staff 3-5 (revised).

(j) Per Co's response to Staff 1-57(b)

(k) Per Co's revised 1604.08 Schedule 5 submitted with Co's responses to Staff DR's - Set 2

(l) Per Co's response to Staff Tech 1-10

Staff Adj's:
2 Per Co's response to Staff 1-61(a), $10,419,219 of BNY Mellon - 2014 A Series Bonds had not yet been invested in "used a 21.50%)
(Allocation % of 2031 - 2036 (6) Bonds: $ 2,539,219 ÷ $11,810,000 =

3 Per Co's response to Staff 3-3, $2,795,188 of BNY Mellon - 2014 A Series Bonds remained unexpended as of 12/31/16. Therefore, $7,624,031 of previously unexpended funds were used during 2016. (See Staff Adj # 2)
(Allocation % of 2037 - 2044 (8) Bonds: $ 5,084,812 ÷ $ 7,880,000 = 64.53%)

4 Staff Adj to reflect SRF Loan - Raw Water Transmission debt issuance associated with 2016 plant additions per Co's original filing.

5 Staff Adj to reflect SRF Loan - Amherst Street - 2016 debt issuance associated with 2016 plant additions per Co's original filing. However, per Co's response to Staff 3-4, $767,357 of this debt issuance remained unexpended as of 12/31/16.
(Allocation % of SRF Loan - Amherst Street - 2016: $ 1,400,000 - $ 767,357 = $ 632,643 ÷ $ 1,400,000 = 45.19%)

DW 16-806
PENNICHUCK WATER WORKS, INC.
COST OF DEBT - ALL-IN COST

Holder	Term	Maturity	Int Rate	ADJUSTED BALANCE DEBT FUNDED	ANNUAL INTEREST EXPENSE: Per Co's Rate Filing	Co Adj's per DR's	Adj's per Staff	Adjusted Balance	ANNUAL AMORTIZATION OF DEBT ISSUE COSTS: Per Co's Rate Filing	Co Adj's per DR's	Adj's per Staff	Adjusted Balance	ANNUAL AMORTIZATION OF DEBT PREMIUM: Per Co's Rate Filing	Co Adj's per DR's	Adj's per Staff	Adjusted Balance	ALL-IN ANNUAL COST OF DEBT	FUNDED EFFECTIVE RATE
Debt Outstanding Throughout Test Year																		
American United Life Insurance (AULI)	25	03/01/21	7.400%	$ 4,355,541	$ 325,600			$ 325,600	$ 8,712			$ 8,712	$ -			$ -	$ 334,312	7.678%
SRF Loan - Hubbard Hill	20	04/01/22	3.800%	139,062	5,284			5,284	-			-	-			-	5,284	3.800%
SRF Loan - Contract # 4 (Water Treatment Plant)	20	10/01/29	4.488%	2,328,173	104,630			104,630	234			234	-			-	104,864	4.504%
ARRA Loan - Ashley Commons	20	05/01/31	2.952%	378,581	11,235	- (i)		11,235	131			131	-			-	11,366	3.002%
ARRA Loan - French Hill	20	07/01/32	2.864%	1,146,216	33,002	- (i)		33,002	370			370	-			-	33,372	2.911%
ARRA Loan - Glenn Ridge	20	09/01/32	2.864%	87,446	2,504	- (i)		2,504	-			-	-			-	2,504	2.863%
ARRA Loan - Armory (S Nashua Booster Station)	20	01/01/32	2.864%	259,134	7,460	- (i)		7,460	87			87	-			-	7,547	2.912%
SRF Loan - Drew Woods	20	06/01/32	2.952%	718,249	21,418			21,418	442			442	-			-	21,860	3.044%
SRF Loan - Cross Street, Amherst (Nashua Core)	20	07/01/36	2.464%	40,497	1,004			1,004	13			13	-			-	1,017	2.511%
SRF Loan - Boston Post Road, Amherst (Nashua Core)	20	07/01/36	2.464%	405,140	10,046			10,046	129			129	-			-	10,175	2.511%
SRF Loan - Burke Street (Nashua Core)	20	07/01/36	2.464%	1,737,664	43,090			43,090	555			555	-			-	43,645	2.512%
BNY Mellon - 2014 A Series Bonds (DW 14-130):																		
2015 (1)	30	01/01/16	3.000%	970,037	28,650			28,650	533			533	(881)			(881)	28,302	2.918%
2016 (1)	30	01/01/17	4.000%	1,010,667	39,800			39,800	740			740	(1,223)			(1,223)	39,317	3.890%
2017 (1)	30	01/01/18	4.000%	1,046,218	41,200			41,200	766			766	(1,266)			(1,266)	40,700	3.890%
2018 - 2030 (13)	30	Various	5.000%	19,517,550	960,750			960,750	17,869			17,869	(29,526)			(29,526)	949,093	4.863%
2031 - 2036 (6)	30	Various	4.000%	9,416,755	472,400		(101,569) (2)	370,831	8,786		(1,889) (2)	6,897	(14,517)		3,121 (2)	(11,396)	366,332	3.890%
2037 - 2044 (8)	30	Various	4.125%	-	325,050		(325,050) (2)	-	6,046		(6,046) (2)	-	(9,990)		9,990 (2)	-	-	N/A
Total - 2014 A Series (30)				31,961,227	1,867,850	-	(426,619)	1,441,231	34,740	-	(7,935)	26,805	(57,403)	-	13,111	(44,292)	1,423,744	4.455%
BNY Mellon - 2014 B Series Bonds (DW 14-130):																		
2015 (1)	30	01/01/16	4.500%	86,338	3,825			3,825	71			71	(117)			(117)	3,779	4.377%
2016 (1)	30	01/01/17	4.500%	91,417	4,050			4,050	75			75	(124)			(124)	4,001	4.377%
2017 - 2044 (28)	30	Various	4.500%	5,205,692	230,625			230,625	4,289			4,289	(7,087)			(7,087)	227,827	4.376%
Total - 2014 B Series (30)				5,383,447	238,500	-	-	238,500	4,435	-	-	4,435	(7,328)	-	-	(7,328)	235,607	4.377%
Debt Acquired During Test Yest																		
SRF Loan - Timberline Booster Station (DW 15-046)	20	07/01/36	2.616%	327,904	8,633			8,633	105			105	-			-	8,738	2.665%
SRF Loan - Raw Water Transmission (DW 15-046)	20	11/01/36	3.168%	-	63,095	(63,095) (j)		-	509	(509) (l)		-	-			-	-	N/A
SRF Loan - Amherst Street - 2016 (DW 16-236)	30	05/01/47	2.464%	-	-			-	311	(311) (l)		-	-			-	-	N/A
BNY Mellon - 2015 A Series Bonds (DW 15-196):																		
2016 (1)	30	01/01/17	4.000%	533,319	20,800			20,800	382			382	(766)			(766)	20,416	3.828%
2017 (1)	30	01/01/18	4.000%	558,961	21,800			21,800	400			400	(803)			(803)	21,397	3.828%
2018 (1)	30	01/01/19	4.000%	579,473	22,600			22,600	415			415	(833)			(833)	22,182	3.828%
2019 - 2030 (12)	30	Various	5.000%	9,743,342	475,000			475,000	8,723			8,723	(17,500)			(17,500)	466,223	4.785%
2031 - 2035 (5)	30	Various	4.250%	6,004,978	248,838			248,838	4,569			4,569	(9,168)			(9,168)	244,239	4.067%
2036 - 2045 (10)	30	Various	4.500%	3,661,446	160,650			160,650	2,949			2,949	(5,919)			(5,919)	157,680	4.306%
Total - 2015 A Series (30)				21,081,519	949,688	-	-	949,688	17,438	-	-	17,438	(34,989)	-	-	(34,989)	932,137	4.422%
BNY Mellon - 2015 B Series Bonds (DW 15-196):																		
2016 (1)	30	01/01/17	5.000%	105,330	4,750			4,750	161			161	(175)	(675) (m)		(850)	4,061	3.856%
2017 (1)	30	01/01/18	5.000%	110,873	5,000			5,000	170			170	(184)	(710) (m)		(894)	4,276	3.857%
2018 - 2030 (13)	30	Various	5.000%	2,040,057	92,000			92,000	3,118			3,118	(3,390)	(13,067) (m)		(16,457)	78,661	3.856%
Total - 2015 B Series (15)				2,256,260	101,750	-	-	101,750	3,449	-	-	3,449	(3,749)	(14,452)	-	(18,201)	86,998	3.856%
Retired Debt																		
25 Yr BFA-NH 6.3% ($4,000,000)				(55,853)	-			-	8,819			8,819	-			-	8,819	-15.790%
20 Yr State Revoving Loan 1999				(820)	-			-	281			281	-			-	281	-34.268%
20 Yr BFA-NH 4.5% ($1,205,000) 01/01/05				(100,827)	-			-	11,251			11,251	-			-	11,251	-11.159%
Series A - Pro rata BC-2 Bond Expense				(244,862)	-			-	12,398			12,398	-			-	12,398	-5.063%
Series B-1 ($6,000,000) 10/01/06				(136,176)	-			-	6,906			6,906	-			-	6,906	-5.071%
B-1 Bond Defeasance				(10,167)	-			-	562	(47) (n)		515	-			-	515	-5.065%
BFA of NH (Series BC-3)				(189,609)	-			-	45,247	23,942 (n)		69,189	-			-	69,189	-36.490%
BFA of NH (Series BC-4)				(832,785)	-			-	28,424	12,783 (n)		41,207	-			-	41,207	-4.948%
IDA Loans				(11,753)	-			-	3,360			3,360	-			-	3,360	-28.588%
BFA-NH (Series 2005B)				(241,380)	-			-	17,301			17,301	-			-	17,301	-7.168%
BFA-NH (Series 2005A)				(166,233)	-			-	8,780			8,780	-			-	8,780	-5.282%
BFA-NH WTP (2005 Series A)				(756,520)	-			-	41,354		(3,031) (6)	38,323	-			-	38,323	-5.066%
TOTALS - 2015				**69,859,075**	**3,794,789**	**(63,095)**	**(426,619)**	**3,305,075**	**256,343**	**35,858**	**(10,966)**	**281,235**	**(103,469)**	**(14,452)**	**13,111**	**(104,810)**	**3,481,500**	**4.984%**
Debt Associated with 2016 Capital Additions																		
BNY Mellon - 2014 A Series Bonds (DW 14-130):																		
2031 - 2036 (6)	30	Various	4.000%	2,579,200	-		101,569 (3)	101,569	-		1,889 (3)	1,889	-		(3,121) (3)	(3,121)	100,337	3.890%
2037 - 2044 (8)	30	Various	4.125%	5,164,876	-		209,748 (3)	209,748	-		3,901 (3)	3,901	-		(6,446) (3)	(6,446)	207,204	4.012%
Total - 2014 A Series (14)				7,744,076	-	-	311,317	311,317	-	-	5,790	5,790	-	-	(9,568)	(9,568)	307,540	3.971%
SRF Loan - Raw Water Transmission (DW 15-046)	20	11/01/36	3.168%	2,980,818	-		94,755 (4)	94,755	-		509 (4)	509	-			-	95,264	3.196%
SRF Loan - Amherst Street - 2016 (DW 16-236)	30	05/01/47	2.464%	628,426	-		15,588 (5)	15,588	-		141 (5)	141	-			-	15,729	2.503%
SUB-TOTAL				11,353,320	-	-	421,660	421,660	-	-	6,440	6,440	-	-	(9,568)	(9,568)	418,533	3.686%
TOTALS - 2016				**$81,212,395**	**$ 3,794,789**	**$ (63,095)**	**$ (4,958)**	**$ 3,726,736**	**$ 256,343**	**$ 35,858**	**$ (4,526)**	**$ 287,675**	**$ (103,469)**	**$ (14,452)**	**$ 3,544**	**$ (114,377)**	**$ 3,900,033**	**4.802%**

DW 16-806
PENNICHUCK WATER WORKS, INC.
COST OF DEBT - ALL-IN COST

Notes:
(i) Per Co's responses to Staff 3-5 and 3-5 (revised)

(j) Per Co's response to Staff 1-57(b)

(l) Per Co's response to Staff Tech 1-10

(m) Per Co's response to Staff 1-59

(n) Per Co's responses to Staff 1-58 and Staff 2-12

Staff Adj's:
2 Per Co's response to Staff 1-61(a), $10,419,219 of BNY Mellon - 2014 A Series Bonds had not yet been invested in "used and useful" plant as of 12/31/15
(Allocation % of 2031 - 2036 (6) Bonds: $ 2,539,219 ÷ $11,810,000 = 21.50%)

3 Per Co's response to Staff 3-3, $2,795,188 of BNY Mellon - 2014 A Series Bonds remained unexpended as of 12/31/16. Therefore, $7,624,031 of previously unexpended funds were used during 2016. (See Staff Adj # 2)
(Allocation % of 2037 - 2044 (8) Bonds: $ 5,084,812 ÷ $ 7,880,000 = 64.53%)

4 Staff Adj to reflect SRF Loan - Raw Water Transmission debt issuance associated with 2016 plant additions per Co's original filing.

5 Staff Adj to reflect SRF Loan - Amherst Street - 2016 debt issuance associated with 2016 plant additions per Co's original filing. However, per Co's response to Staff 3-4, $767,357 of this debt issuance remained unexpended as of 12/31/16.
(Allocation % of SRF Loan - Amherst Street - 2016: $ 1,400,000 - $ 767,357 = $ 632,643 ÷ $ 1,400,000 = 45.19%)

6 To adjust annual amortization of Debt Issuance Costs associated with BFA-NH WTP (2005 Series A) from $41,354 to $38,323 ($3,193.56 monthly amortization) based on Co's response to Staff Tech 1-27.

DW 16-806
PENNICHUCK WATER WORKS, INC.
PRO-FORMA COMMON EQUITY

	Year-end Balance	Co Adj's per Rate Filing	Co Adj's per Set 1 DR's	Co Adj's per Set 2 DR's	Co Adj's per Tech 1 DR's	Co Adj's per Set 3 DR's	Staff Adj's	Adjusted Pro-forma Balance
COMMON EQUITY:								
Common Stock Issued	$ 30,000		$ (30,000) **(o)**					$ -
Paid-in Capital	122,792,758	(120,875,574)	(1,917,184) **(p)**					-
Retained Earnings	1,782,661							1,782,661
Total Common Equity	**$ 124,605,419**	**$ (120,875,574)**	**$ (1,947,184)**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,782,661**

Notes:
(o) Per Co's response to Staff 1-52

(p) Per Co's response to Staff 1-53

DW 16-806
PENNICHUCK WATER WORKS, INC.
EFFECTIVE TAX FACTOR

Taxable Income	100.00%
Less: NH Business Profits Tax	8.50%
Federal Taxable Income	91.50%
Federal Income Tax Rate	34.00%
Effective Federal Income Tax Rate	31.11%
Add: NH Business Profits Tax	8.50%
Effective Tax Rate	39.61%
Percent of Income Available if No Tax	100.00%
Effective Tax Rate	39.61%
Percent Used as a Divisor in Determining the Revenue Requirement	60.39%
Tax Multiplier	0.65590

DW 16-806
PENNICHUCK WATER WORKS, INC.
PRO-FORMA PRINCIPAL & INTEREST PAYMENTS (2015) - PERMANENT RATES

					2015 ACTUAL PRINCIPAL PAYMENTS				2015 PRO-FORMA PRINCIPAL PAYMENT ADJUSTMENTS				2015	2015 ACTUAL INTEREST PAYMENTS				2015 PRO-FORMA INTEREST PAYMENT ADJUSTMENTS				2015	2015
Holder	Term	Maturity	Int Rate	TOTAL LONG-TERM DEBT	Per Co's Rate Filing	Co Adj's per DR's	Adj's per Staff	Adjusted Actual	Per Co's Rate Filing	Co Adj's per DR's	Adj's per Staff	Adjusted Pro-forma	PRO-FORMA PRINCIPAL PAYMENTS	Per Co's Rate Filing	Co Adj's per DR's	Adj's per Staff	Adjusted Actual	Per Co's Rate Filing	Co Adj's per DR's	Adj's per Staff	Adjusted Pro-forma	PRO-FORMA INTEREST PAYMENTS	PRO-FORMA P & I PAYMENTS
Debt Outstanding Throughout Test Year																							
American United Life Insurance (AULI)	25	03/01/21	7.400%	$ 4,400,000	$ 400,000			$ 400,000	$ -			$ -	$ 400,000	$ 310,800	$ 29,600 (a)		$ 340,400			$ (29,600) (7)	$ (29,600)	$ 310,800	$ 710,800
SRF Loan - Hubbard Hill	20	04/01/22	3.800%	139,062	22,250			22,250	-			-	22,250	4,897	845 (a)		5,742			(845) (7)	(845)	4,897	27,147
SRF Loan - Contract # 4 (Water Treatment Plant)	20	10/01/29	4.488%	2,331,336	130,756	(10,801) (a,r)		119,955	-		10,801 (7)	10,801	130,756	88,909	18,657 (a)		107,566			(18,657) (7)	(18,657)	88,909	219,665
ARRA Loan - Ashley Commons	20	05/01/31	2.952%	380,585	6,094	(913) (a,r)		5,181	-		913 (7)	913	6,094	11,002	499 (a)		11,501			(499) (7)	(499)	11,002	17,096
ARRA Loan - French Hill	20	07/01/32	2.864%	1,152,318	15,086	(2,503) (a,r)		12,583	-		2,503 (7)	2,503	15,086	32,382	1,328 (a)		33,710			(1,328) (7)	(1,328)	32,382	47,468
ARRA Loan - Glenn Ridge	20	09/01/32	2.864%	87,446	1,105	(187) (a,r)		918	-		187 (7)	187	1,105	2,458	99 (a)		2,557			(99) (7)	(99)	2,458	3,563
ARRA Loan - Armory (S Nashua Booster Station)	20	01/01/32	2.864%	260,485	3,774	(582) (a,r)		3,192	-		582 (7)	582	3,774	7,313	315 (a)		7,628			(315) (7)	(315)	7,313	11,087
SRF Loan - Drew Woods	20	06/01/32	2.952%	725,547	34,871	(1,012) (a,r)		33,859	-		1,012 (7)	1,012	34,871	20,949	1,013 (a)		21,962			(1,013) (7)	(1,013)	20,949	55,820
SRF Loan - Cross Street, Amherst (Nashua Core)	20	07/01/36	2.464%	40,756	42,778	(42,778) (a)		-	-		42,778 (7)	42,778	42,778	53,921	(53,921) (a)		-			53,921 (7)	53,921	53,921	96,699
SRF Loan - Boston Post Road, Amherst (Nashua Core)	20	07/01/36	2.464%	407,729	-			-	-			-	-				-				-	-	-
SRF Loan - Burke Street (Nashua Core)	20	07/01/36	2.464%	1,748,767	-			-	-			-	-				-				-	-	-
BNY Mellon - 2014 A Series Bonds (DW 14-130):																							
2015 (1)	30	01/01/16	3.000%	955,000	-			-	727,976		(10,540) (8)	717,436	717,436	1,006,879			1,006,879	391,936		(20,252) (8)	371,684	1,378,563	2,095,999
2016 (1)	30	01/01/17	4.000%	995,000	-			-	-			-	-	-			-				-	-	-
2017 (1)	30	01/01/18	4.000%	1,030,000	-			-	-			-	-	-			-				-	-	-
2018 - 2030 (13)	30	Various	5.000%	19,215,000	-			-	-			-	-	-			-				-	-	-
2031 - 2036 (6)	30	Various	4.000%	11,810,000	-			-	-			-	-	-			-				-	-	-
2037 - 2044 (8)	30	Various	4.125%	7,880,000	-			-	-			-	-	-			-				-	-	-
Total - 2014 A Series (30)				41,885,000	-	-	-	-	727,976	-	(10,540)	717,436	717,436	1,006,879	-	-	1,006,879	391,936	-	(20,252)	371,684	1,378,563	2,095,999
BNY Mellon - 2014 B Series Bonds (DW 14-130):																							
2015 (1)	30	01/01/16	4.500%	85,000	-			-	85,000			85,000	85,000	129,850			129,850	106,738			106,738	236,588	321,588
2016 (1)	30	01/01/17	4.500%	90,000	-			-	5,000		(5,000) (7)	-	-	-			-				-	-	-
2017 - 2044 (28)	30	Various	4.500%	5,125,000	-			-	-			-	-	-			-				-	-	-
Total - 2014 B Series (30)				5,300,000	-	-	-	-	90,000	-	(5,000)	85,000	85,000	129,850	-	-	129,850	106,738	-	-	106,738	236,588	321,588
Debt Acquired During Test Yest																							
SRF Loan - Timberline Booster Station (DW 15-046)	20	07/01/36	2.616%	330,000	6,322	(6,322) (a)		-	-		6,322 (7)	6,322	6,322	13,173	(13,173) (a)		-			13,173 (7)	13,173	13,173	19,495
SRF Loan - Raw Water Transmission (DW 15-046)	20	11/01/36	3.168%	-	-			-	-			-	-	-			-				-	-	-
SRF Loan - Amherst Street - 2016 (DW 16-236)	30	05/01/47	2.464%	-	-			-	-			-	-	-			-				-	-	-
BNY Mellon - 2015 A Series Bonds (DW 15-196):																							
2016 (1)	30	01/01/17	4.000%	520,000	-			-	-		342,914 (9)	342,914	342,914	652,830	(652,830) (a)		-	(97,230)	652,830 (s)	(131,127) (9)	424,473	424,473	767,387
2017 (1)	30	01/01/18	4.000%	545,000	-			-	345,754		(345,754) (7)	-	-	-			-				-	-	-
2018 (1)	30	01/01/19	4.000%	565,000	-			-	-			-	-	-			-				-	-	-
2019 - 2030 (12)	30	Various	5.000%	9,500,000	-			-	-			-	-	-			-				-	-	-
2031 - 2035 (5)	30	Various	4.250%	5,855,000	-			-	-			-	-	-			-				-	-	-
2036 - 2045 (10)	30	Various	4.500%	3,570,000	-			-	-			-	-	-			-				-	-	-
Total - 2015 A Series (30)				20,555,000	-	-	-	-	345,754	-	(2,840)	342,914	342,914	652,830	(652,830)	-	-	(97,230)	652,830	(131,127)	424,473	424,473	767,387
BNY Mellon - 2015 B Series Bonds (DW 15-196):																							
2016 (1)	30	01/01/17	5.000%	95,000	-			-	-			-	-	106,260	(106,260) (a)		-	(37,296)	106,260 (s)		68,964	68,964	68,964
2017 (1)	30	01/01/18	5.000%	100,000	-			-	-			-	-	-			-				-	-	-
2018 - 2030 (13)	30	Various	5.000%	1,840,000	-			-	-			-	-	-			-				-	-	-
Total - 2015 B Series (15)				2,035,000	-	-	-	-	-	-	-	-	-	106,260	(106,260)	-	-	(37,296)	106,260	-	68,964	68,964	68,964
Retired Debt																							
25 Yr BFA-NH 6.3% ($4,000,000)				-	-			-	-			-	-	-			-				-	-	-
20 Yr State Revoving Loan 1999				-	-			-	-			-	-	-			-				-	-	-
20 Yr BFA-NH 4.5% ($1,205,000) 01/01/05				-	-			-	-			-	-	-			-				-	-	-
Series A - Pro rata BC-2 Bond Expense				-	-			-	-			-	-	-			-				-	-	-
Series B-1 ($6,000,000) 10/01/06				-	-			-	-			-	-	-			-				-	-	-
B-1 Bond Defeasance				-	-			-	-			-	-	-			-				-	-	-
BFA of NH (Series BC-3)				-	-			-	-			-	-	-			-				-	-	-
BFA of NH (Series BC-4)				-	-			-	-			-	-	-			-				-	-	-
IDA Loans				-	-			-	-			-	-	-			-				-	-	-
BFA-NH (Series 2005B)				-	-			-	-			-	-	-			-				-	-	-
BFA-NH (Series 2005A)				-	-			-	-			-	-	-			-				-	-	-
BFA-NH WTP (2005 Series A)				-	-			-	-			-	-	-			-				-	-	-
TOTALS - 2015				**81,779,031**	**663,036**	**(65,098)**	**-**	**597,938**	**1,163,730**	**-**	**46,718**	**1,210,448**	**1,808,386**	**2,441,623**	**(773,828)**	**-**	**1,667,795**	**364,148**	**759,090**	**(136,641)**	**986,597**	**2,654,392**	**4,462,778**
Debt Associated with 2016 Capital Additions																							
SRF Loan - Raw Water Transmission (DW 15-046)	20	11/01/36	3.168%	2,991,000	-			-	-			-	-	-			-				-	-	-
SRF Loan - Amherst Street - 2016 (DW 16-236)	30	05/01/47	2.464%	1,400,000	-			-	-			-	-	-			-				-	-	-
SUB-TOTAL				4,391,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS - 2016				**$86,170,031**	**$ 663,036**	**$ (65,098)**	**$ -**	**$ 597,938**	**$ 1,163,730**	**$ -**	**$ 46,718**	**$ 1,210,448**	**$ 1,808,386**	**$ 2,441,623**	**$ (773,828)**	**$ -**	**$ 1,667,795**	**$ 364,148**	**$ 759,090**	**$ (136,641)**	**$ 986,597**	**$ 2,654,392**	**$ 4,462,778**

DW 16-806
PENNICHUCK WATER WORKS, INC.
PRO-FORMA PRINCIPAL & INTEREST PAYMENTS (2015) - PERMANENT RATES

Notes:
(q) Per Co's response to Staff 1-60

(r) Per Co's response to Staff 2-13

(s) Per Co's revised 1604.08 Schedule 5 submitted with responses to Staff DR's - Set 1

Staff Adj's:
7 Staff Adj's to correspond pro-forma principal and interest payments to loan amortization schedules provided by Co in response to Staff 3-2.

8 To adjust pro-forma principal and interest payments for BNY Mellon - 2014 A Series Bonds relative to unexpended funds of $10,419,219 for this debt issue as of 12/31/15 per Co's response to Staff 1-61:

Adustment Allocation %: $41,885,000 - $10,419,219 = $31,465,781 ÷ $41,885,000 = 75.12%

2015 Pro-forma Principal Payment:	$ 955,000	x	75.12%	= $ 717,436		2015 Pro-forma Interest Payment:	$ 1,835,044	x	75.12%	= $ 1,378,563
Less: Co's Pro-forma Principal Adj:				(727,976)		Less: Co's Pro-forma Interest Adj:				(1,398,815)
Staff Pro-forma Principal Adj:				$ (10,540)		Staff Pro-forma Interest Adj:				$ (20,252)

9 To adjust pro-forma interest payment for BNY Mellon - 2015 A Series Bonds relative to unexpended funds of $7,000,000 for this debt issue as of 12/31/15 per Co's response to Staff 1-61:

Adustment Allocation %: $20,555,000 - $ 7,000,000 = $13,555,000 ÷ $20,555,000 = 65.95%

2015 Pro-forma Principal Payment*:	$ 520,000	x	65.95%	= $ 342,914		2015 Pro-forma Interest Payment:	$ 643,677	x	65.95%	= $ 424,473
Less: Co's Pro-forma Principal Adj:				(345,754)		Less: Co's Pro-forma Adj:				(555,600)
Staff Pro-forma Principal Adj:				$ (2,840)		Staff Pro-forma Adj:				$ (131,127)

(* The initial principal payment of $520,000 on this debt issue was due on 01/01/2017. However, the Co is proposing the inclusion of a pro-forma test year principal payment because the refininced portion of the overall debt issuance relates to fixed plant that became used and useful prior to 12/31/15.)

DW 16-806
PENNICHUCK WATER WORKS, INC.
PRO-FORMA PRINCIPAL & INTEREST PAYMENTS (2016) - STEP ADJUSTMENT

Holder	Term	Maturity	Int Rate	TOTAL LONG-TERM DEBT	2015 PRO-FORMA PRINCIPAL PAYMENTS	2016 PRO-FORMA PRINCIPAL PAYMENT ADJUSTMENTS: Per Co's Rate Filing	Co Adj's per DR's	Adj's per Staff	Adjusted Pro-forma	2016 PRO-FORMA PRINCIPAL PAYMENTS	2015 PRO-FORMA INTEREST PAYMENTS	2016 PRO-FORMA INTEREST PAYMENT ADJUSTMENTS: Per Co's Rate Filing	Co Adj's per DR's	Adj's per Staff	Adjusted Pro-forma	2016 PRO-FORMA INTEREST PAYMENTS	2016 PRO-FORMA P & I PAYMENTS
Debt Outstanding Throughout Test Year																	
American United Life Insurance (AULI)	25	03/01/21	7.400%	$ 4,400,000	$ 400,000				$ -	$ 400,000	$ 310,800			$ (29,600) (7)	$ (29,600)	$ 281,200	$ 681,200
SRF Loan - Hubbard Hill	20	04/01/22	3.800%	139,062	22,250				-	22,250	4,897			(846) (7)	(846)	4,051	26,301
SRF Loan - Contract # 4 (Water Treatment Plant)	20	10/01/29	4.488%	2,331,336	130,756			8,758 (7)	8,758	139,514	88,909			(14,369) (7)	(14,369)	74,540	214,054
ARRA Loan - Ashley Commons	20	05/01/31	2.952%	380,585	6,094			935 (7)	935	7,029	11,002			(526) (7)	(526)	10,476	17,505
ARRA Loan - French Hill	20	07/01/32	2.864%	1,152,318	15,086			2,556 (7)	2,556	17,642	32,382			(1,400) (7)	(1,400)	30,982	48,624
ARRA Loan - Glenn Ridge	20	09/01/32	2.864%	87,446	1,105			193 (7)	193	1,298	2,458			(105) (7)	(105)	2,353	3,651
ARRA Loan - Armory (S Nashua Booster Station)	20	01/01/32	2.864%	260,485	3,774			597 (7)	597	4,371	7,313			(331) (7)	(331)	6,982	11,353
SRF Loan - Drew Woods	20	06/01/32	2.952%	725,547	34,871			1,043 (7)	1,043	35,914	20,949			(1,044) (7)	(1,044)	19,905	55,819
SRF Loan - Cross Street, Amherst (Nashua Core)	20	07/01/36	2.464%	40,756	42,778	44,373			44,373	87,151	53,921	(1,815)			(1,815)	52,106	139,257
SRF Loan - Boston Post Road, Amherst (Nashua Core)	20	07/01/36	2.464%	407,729	-				-	-	-				-	-	-
SRF Loan - Burke Street (Nashua Core)	20	07/01/36	2.464%	1,748,767	-				-	-	-				-	-	-
BNY Mellon - 2014 A Series Bonds (DW 14-130):																	
2015 (1)	30	01/01/16	3.000%	955,000	717,436	227,024	(62,744) (t)	(881,716) (10)	(717,436)	-	1,378,563	436,228	(120,563) (t)	(1,694,228) (10)	(1,378,563)	-	-
2016 (1)	30	01/01/17	4.000%	995,000	-	40,000		955,000 (10)	995,000	995,000	-	(34,225)		1,835,044 (10)	1,800,819	1,800,819	2,795,819
2017 (1)	30	01/01/18	4.000%	1,030,000	-				-	-	-				-	-	-
2018 - 2030 (13)	30	Various	5.000%	19,215,000	-				-	-	-				-	-	-
2031 - 2036 (6)	30	Various	4.000%	11,810,000	-				-	-	-				-	-	-
2037 - 2044 (8)	30	Various	4.125%	7,880,000	-				-	-	-				-	-	-
Total - 2014 A Series (30)				41,885,000	717,436	267,024	(62,744)	73,284	277,564	995,000	1,378,563	402,003	(120,563)	140,816	422,256	1,800,819	2,795,819
BNY Mellon - 2014 B Series Bonds (DW 14-130):																	
2015 (1)	30	01/01/16	4.500%	85,000	85,000			(85,000) (7)	(85,000)	-	236,588			(236,588) (7)	(236,588)	-	-
2016 (1)	30	01/01/17	4.500%	90,000	-			90,000 (7)	90,000	90,000	-	(3,938)		236,588 (7)	232,650	232,650	322,650
2017 - 2044 (28)	30	Various	4.500%	5,125,000	-				-	-	-				-	-	-
Total - 2014 B Series (30)				5,300,000	85,000	-	-	5,000	5,000	90,000	236,588	(3,938)	-	-	(3,938)	232,650	322,650
Debt Acquired During Test Yest																	
SRF Loan - Timberline Booster Station (DW 15-046)	20	07/01/36	2.616%	330,000	6,322	6,573			6,573	12,895	13,173	(4,859)			(4,859)	8,314	21,209
SRF Loan - Raw Water Transmission (DW 15-046)	20	11/01/36	3.168%	-	-	92,127		(92,127) (4)	-	-	-	107,671		(107,671) (4)	-	-	-
SRF Loan - Amherst Street - 2016 (DW 16-236)	30	05/01/47	2.464%	-	-	33,609	(18,422) (u)	(15,187) (5)	-	-	-	27,791	(15,233) (u)	(12,558) (5)	-	-	-
BNY Mellon - 2015 A Series Bonds (DW 15-196):																	
2016 (1)	30	01/01/17	4.000%	520,000	342,914			177,086 (7)	177,086	520,000	424,473	88,077		(37,706) (7)	50,371	474,844	994,844
2017 (1)	30	01/01/18	4.000%	545,000	-	174,246		(174,246) (7)	-	-	-	295,610		168,834 (7)	464,444	464,444	464,444
2018 (1)	30	01/01/19	4.000%	565,000	-				-	-	-				-	-	-
2019 - 2030 (12)	30	Various	5.000%	9,500,000	-				-	-	-				-	-	-
2031 - 2035 (5)	30	Various	4.250%	5,855,000	-				-	-	-				-	-	-
2036 - 2045 (10)	30	Various	4.500%	3,570,000	-				-	-	-				-	-	-
Total - 2015 A Series (30)				20,555,000	342,914	174,246	-	2,840	177,086	520,000	424,473	383,687	-	131,128	514,815	939,288	1,459,288
BNY Mellon - 2015 B Series Bonds (DW 15-196):																	
2016 (1)	30	01/01/17	5.000%	95,000	-			95,000 (7)	95,000	95,000	68,964			(18,089) (7)	(18,089)	50,875	145,875
2017 (1)	30	01/01/18	5.000%	100,000	-	95,000		(95,000) (7)	-	-	-	30,411		18,089 (7)	48,500	48,500	48,500
2018 - 2030 (13)	30	Various	5.000%	1,840,000	-				-	-	-				-	-	-
Total - 2015 B Series (15)				2,035,000	-	95,000	-	-	95,000	95,000	68,964	30,411	-	-	30,411	99,375	194,375
Retired Debt																	
25 Yr BFA-NH 6.3% ($4,000,000)				-	-				-	-	-				-	-	-
20 Yr State Revoving Loan 1999				-	-				-	-	-				-	-	-
20 Yr BFA-NH 4.5% ($1,205,000) 01/01/05				-	-				-	-	-				-	-	-
Series A - Pro rata BC-2 Bond Expense				-	-				-	-	-				-	-	-
Series B-1 ($6,000,000) 10/01/06				-	-				-	-	-				-	-	-
B-1 Bond Defeasance				-	-				-	-	-				-	-	-
BFA of NH (Series BC-3)				-	-				-	-	-				-	-	-
BFA of NH (Series BC-4)				-	-				-	-	-				-	-	-
IDA Loans				-	-				-	-	-				-	-	-
BFA-NH (Series 2005B)				-	-				-	-	-				-	-	-
BFA-NH (Series 2005A)				-	-				-	-	-				-	-	-
BFA-NH WTP (2005 Series A)				-	-				-	-	-				-	-	-
TOTALS - 2015				**81,779,031**	**1,808,386**	**712,952**	**(81,166)**	**(12,108)**	**619,678**	**2,428,064**	**2,654,392**	**940,951**	**(135,796)**	**103,494**	**908,649**	**3,563,041**	**5,991,105**
Debt Associated with 2016 Capital Additions																	
SRF Loan - Raw Water Transmission (DW 15-046)	20	11/01/36	3.168%	2,991,000	-			92,127 (4)	92,127	92,127	-			107,671 (4)	107,671	107,671	199,798
SRF Loan - Amherst Street - 2016 (DW 16-236)	30	05/01/47	2.464%	1,400,000	-			15,187 (5)	15,187	15,187	-			12,558 (5)	12,558	12,558	27,745
SUB-TOTAL				4,391,000	-	-	-	107,314	107,314	107,314	-	-	-	120,229	120,229	120,229	227,543
TOTALS - 2016				**$86,170,031**	**$ 1,808,386**	**$ 712,952**	**$ (81,166)**	**$ 95,206**	**$ 726,992**	**$ 2,535,378**	**$ 2,654,392**	**$ 940,951**	**$ (135,796)**	**$ 223,723**	**$ 1,028,878**	**$ 3,683,270**	**$ 6,218,648**

DW 16-806
PENNICHUCK WATER WORKS, INC.
PRO-FORMA PRINCIPAL & INTEREST PAYMENTS (2016) - STEP ADJUSTMENT

Notes:
(t) Per Company's response to Staff 3-3

(u) Per Company's response to Staff 3-4

Staff Adj's:
4 Staff Adj to reflect SRF Loan - Raw Water Transmission debt issuance associated with 2016 plant additions per Co's original filing.

5 Staff Adj to reflect SRF Loan - Amherst Street - 2016 debt issuance associated with 2016 plant additions per Co's original filing. However, per Co's response to Staff 3-4, $767,357 of this debt issuance remained unexpended as of 12/31/16.

7 Staff Adj's to correspond pro-forma principal and interest payments to loan amortization schedules provided by Co in response to Staff 3-2.

10 Per the Co's response to Staff 3-3 there were $2,795,188 in unexpended funds as of 12/31/16 relative to the BNY Mellon - 2014 A Series Bonds. However, the Co anticipates that these funds will be fully expended as well as the related plant additions will be used and useful by the time that rates pertaining to the proposed step adjustment go into effect. Therefore, the full amounts of the 2016 pro-forma principal payment of $995,000 and the 2016 pro-forma interest payment of $1,800,819 (per the Co's response to Staff 3-2) are reflected in the debt service revenue requirement portion of the step adjustment under the modified rate structure.

DW 16-806
PENNICHUCK WATER WORKS, INC.
RATE BASE - PERMANENT RATES

	Company Proposal (as revised per Co's Data Responses)					Staff Proposal		
	(1) 13-Month Average (Per Company Filing - Sch 3)	(2) Co Proforma Adj's - Permanent Rates (Per Company Filing - Sch 3)	(3) Perm Rate Adj Revisions per Co Responses to DR's	(4) Adj Rate Base - Permanent Rates (Per Co's Revised Sch 3)	(5) Co Pro-forma Bal Ref (Sch 2A)	(6) Staff Adjustments (Sch's 2B)	(7) Staff Adjustment # (Sch's 2B)	(8) Adjusted Rate Base Per Staff
Plant in Service	$ 181,719,810	$ (45,219,165)	$ (927,749)	$ 135,572,896	**i**	$ 19,559	**11**	$ 135,592,455
Accumulated Depreciation	(47,702,724)	(234,166)	25,712	(47,911,178)	**ii**	905,038	**12 - 15**	(47,006,140)
Acquisition Adjustment	(844,905)			(844,905)				(844,905)
Accumulated Amortization Acq Adj	458,676			458,676				458,676
Contributions in Aid of Construction	(33,936,232)			(33,936,232)				(33,936,232)
Accumulated Amortization of CIAC	7,269,659			7,269,659		1,151	**16**	7,270,810
Net Plant in Service	106,964,284	(45,453,331)	(902,037)	60,608,916		925,748		61,534,664
Rate Stabilization Fund	5,363,435	(376,389)		4,987,046	**iii**	376,389	**17**	5,363,435
Cash Working Capital	1,438,250	117,672	(15,753)	1,540,169	**iv**	(42,414)	**18**	1,497,755
Materials and Supplies	766,338			766,338				766,338
Prepaid Expenses	640,515			640,515				640,515
Unamortized Deferred Debits	81,844,467	(72,881,037)	(69,244)	8,894,186	**v**	10,252	**19 - 21**	8,904,438
Customer Advances	(84,000)			(84,000)				(84,000)
Customer Deposits	(153,001)			(153,001)				(153,001)
Deferred Income Tax	(19,648,150)			(19,648,150)				(19,648,150)
Deferred Tax Liability	(246,109)			(246,109)				(246,109)
Unamortized Investment Tax Credit	(586,224)			(586,224)				(586,224)
Other Deferred Credits	(27,353)			(27,353)				(27,353)
Deferred Credit - Rate Stabilization Fund (Net)	-	(494,949)	-	(494,949)	**vi**	(123,737)	**22**	(618,686)
Deferred Credit - Gain on SRF Loans	-	(841,766)	(53,924)	(895,690)	**vii**			(895,690)
Unfunded FAS 106 and 158 Costs	-	(2,152,272)		(2,152,272)	**viii**			(2,152,272)
NET RATE BASE - PERMANENT RATES	**$ 176,272,452**	**$ (122,082,072)**	**$ (1,040,958)**	**$ 53,149,422**		**$ 1,146,237**		**$ 54,295,659**

DW 16-806
PENNICHUCK WATER WORKS, INC.
COMPANY PRO-FORMA RATE BASE ACCOUNT BALANCE SUMMARY - PERMANENT RATES

Ref			
i	**Plant in Service - Permanent Rates**		
	13-Month Average of Plant in Service per Sch 3 of Co's Original Filing		$ 181,719,810
	Plant in Service Adj IA - Permanent Rates per Sch 3, Att A of Co's Original Filing	$ 4,879,748	
	Modification to Adj IA - Permanent Rates per Co's response to Staff DR 1-66	(1,125,961)	
	Modification to Adj IA - Permanent Rates per Co's response to Staff Tech 1-29	(1,158) →	3,752,629
	Plant in Service Adj IB - Permanent Rates per Sch 3, Att A of Co's Original Filing	(1,223,863)	
	Modification to Adj IB - Permanent Rates per Co's response to Staff DR 2-16	229,370 →	(994,493)
	Plant in Service Adj IC - Permanent Rates per Sch 3, Att A of Co's Original Filing	(48,875,050)	
	Modification to Adj IC - Permanent Rates per Co's response to Staff DR 1-49	(30,000) →	(48,905,050)
	Net Pro-forma Plant in Service Adjustments - Permanent Rates per Company		(46,146,914)
	Pro-forma Plant in Service - Permanent Rates per Company		**$ 135,572,896**
ii	**Accumulated Depreciation - Permanent Rates**		
	13-Month Average of Accumulated Depreciation per Sch 3 of Co's Original Filing		$ (47,702,724)
	Accumulated Depreciation Adj IA - Permanent Rates per Sch 3, Att C of Co's Original Filing		(234,166)
	Modification to Adj IA - Permanent Rates per Co's response to Staff Tech 1-17		25,712
	Net Pro-forma Accumulated Depreciation Adjustments - Permanent Rates per Company		(208,454)
	Pro-forma Accumulated Depreciation - Permanent Rates per Company		**$ (47,911,178)**
iii	**Rate Stabilization Fund - Permanent Rates**		
	13-Month Average of Rate Stabilization Fund per Sch 3 of Co's Original Filing		$ 5,363,435
	Rate Stabilization Fund Adj IIA - Permanent Rates per Sch 3, Att B of Co's Original Filing		(376,389)
	Pro-forma Rate Stabilization Fund - Permanent Rates per Company		**$ 4,987,046**
iv	**Cash Working Capital - Permanent Rates**		
	13-Month Average of Cash Working Capital per Sch 3 of Co's Original Filing		$ 1,438,250
	Cash Working Capital Adj IA - Permanent Rates per Sch 3, Att D of Co's Original Filing		117,672
	Modification to Adj IA - Permanent Rates per Co's O & M Expense Adj modifications relative to responses to Staff DR's - Set 1		(20,335)
	Modification to Adj IA - Permanent Rates per Co's O & M Expense Adj modifications relative to responses to Staff DR's - Set 2		(2,200)
	Modification to Adj IA - Permanent Rates per Co's O & M Expense Adj modifications relative to responses to Staff Tech 1		6,782
	Net Pro-forma Cash Working Capital Adjustment - Permanent Rates per Company		101,919
	Pro-forma Cash Working Capital - Permanent Rates per Company		**$ 1,540,169**
v	**Unamortized Deferred Debits - Permanent Rates**		
	13-Month of Unamortized Deferred Debits per Sch 3 of Co's Original Filing		$ 81,844,467
	Unamortized Deferred Debit Adj IA - Permanent Rates per Sch 3, Att B of Co's Original Filing	$ (12,078)	
	Modification to Adj IA - Permanent Rates per Co's response to Staff DR 1-64	766 →	(11,312)
	Unamortized Deferred Debit Adj IB - Permanent Rates per Sch 3, Att B of Co's Original Filing		(72,868,959)
	Unamortized Deferred Debit Adj IC - Permanent Rates per revised 1604.06 Sch 3, Att B relative to Co's response to Staff Tech 1-7		(64,238)
	Unamortized Deferred Debit Adj ID - Permanent Rates per revised 1604.06 Sch 3, Att B relative to Co's response to Staff Tech 1-16		(5,772)
	Net Pro-forma Unamortized Deferred Debit Adjustments - Permanent Rates per Company		(72,950,281)
	Pro-forma Unamortized Deferred Debits - Permanent Rates per Company		**$ 8,894,186**

DW 16-806
PENNICHUCK WATER WORKS, INC.
COMPANY PRO-FORMA RATE BASE ACCOUNT BALANCE SUMMARY - PERMANENT RATES

Ref		
vi	**Deferred Credit - Rate Stabilization Fund - Permanent Rates**	
	Deferred Credit - Rate Stabilization Fund Adj IA - Permanent Rates per Sch 3, Att F of Co's Original Filing	$ (494,949)
	Modification to Adj IA - Permanent Rates per Co's revised 1604.06 Sch 3, Att F provided with responses to Staff DR's - Set 1	310,792
	Modification to Adj IA - Permanent Rates per Co's response to Staff Tech 1-25	(310,792)
	Pro-forma Deferred Credit - Rate Stabilization Fund - Permanent Rates per Company	**$ (494,949)**
vii	**Deferred Credit - Gain on SRF Loans - Permanent Rates**	
	Deferred Credit - Gain on SRF Loans Adj IB - Permanent Rates per Sch 3, Att F of Co's Original Filing	**$ (841,766)**
	Modification to Adj IB - Permanent Rates per Co's revised 1604.06 Sch 3, Att F provided with revised response to Staff DR 3-5	(53,924)
	Pro-forma Deferred Credit - Gain on SRF Loans - Permanent Rates per Company	**$ (895,690)**
viii	**Unfunded FAS 106 and 158 Costs - Permanent Rates**	
	Unfunded FAS 106 Cost Adj IA - Permanent Rates per Sch 3, Att E of Co's Original Filing	$ 1,258,054
	Unfunded FAS 158 Cost Adj IB - Permanent Rates per Sch 3, Att E of Co's Original Filing	894,218
	Pro-forma FAS 106 and 158 Costs - Permanent Rates per Company	**$ 2,152,272**

DW 16-806
PENNICHUCK WATER WORKS, INC.
STAFF PRO-FORMA RATE BASE ADJUSTMENTS - PERMANENT RATES

Adj No.					
	PLANT IN SERVICE - PERMANENT RATES				
11	To reclassify vehicle repair expenditures from Operating Expenses to Plant in Service per Staff Audit Issue # 12. (See Staff Adj #'s 15, 29, and 41):				
	Reclassified repair expenditure - 01/31/15		$ 18,359		
	To reflect test year average (12 months / 13 months)		x 92.31%	$ 16,947	
	Reclassified repair expenditure - 11/30/15		16,978		
	To reflect test year average (2 months / 13 months)		x 15.38%	2,612	$ 19,559
	Total Adjustments - Plant in Service - Permanent Rates				**$ 19,559**
	ACCUMULATED DEPRECIATION - PERMANENT RATES				
12	To adjust 13-month average for Accumulated Depreciation to reflect a full year's depreciation on all test year fixed plant additions. (See Sch 6)				$ (48,819)
13	To adjust 13-month average for Accumulated Depreciation on Non-revenue Producing Asset additions in order to reflect the year-end value of such. (See Sch 6)				
	Staff Adj to reflect year-end Accum Depr on Non-revenue Producing Asset additions (Sch 6)			$ (230,447)	
	Less: Co's Accum Depr Adj IA on revised 1604.06 Sch 3, Att C			208,454	(21,993)
14	To adjust 13-month average for Accumulated Depreciation on Non-revenue Producing Asset retirements in order to reflect the year-end value of such. (See Sch 7)				977,696
15	To record accumulated depreciation on vehicle repair expeditures reclassified from Operating Expenses to Plant in Service per Staff Audit Issue # 12 (See Staff Adj #'s 11, 29, and 41):				
	Reclassified repair expenditure - 01/31/15		$ 18,359		
	Depreciation rate - Transportation Equipment (approved in DW 06-073)		x 9.44%		
	Accumulated Depreciation		(1,733)		
	To reflect test year average (12 months / 13 months)		x 92.31%	(1,600)	
	Reclassified repair expenditure - 11/30/15		$ 16,978		
	Depreciation Rate - Transportation Equipment (approved in DW 06-073)		x 9.44%		
	Accumulated Depreciation		(1,603)		
	To reflect test year average (2 months / 13 months)		x 15.38%	(247)	(1,846)
	Total Adjustments - Accumulated Depreciation - Permanent Rates				**$ 905,038**
	ACCUMULATED AMORTIZATION - CIAC - PERMANENT RATES				
16	To adjust 13-month average for Accumulated Amortization - CIAC to reflect a full year's amortization on test year CIAC additions. (See Sch 6)				$ 1,151
	Total Adjustments - Accumulated Amortization - CIAC - Permanent Rates				**$ 1,151**
	RATE STABILIZATION FUND - PERMANENT RATES				
17	To adjust balance of Rate Stabilization Fund to Test Year Average (See Sch 5-Perm):				
	Rate Stabilization Fund - Test Year Average (Sch 5-Perm)			$ 5,363,435	
	Less: Rate Stabilization Fund per Co Filing (revised 1604.06 Sch 3; Att B)			(4,987,046)	$ 376,389
	Total Adjustments - Rate Stabilization Fund - Permanent Rates				**$ 376,389**

DW 16-806
PENNICHUCK WATER WORKS, INC.
STAFF PRO-FORMA RATE BASE ADJUSTMENTS - PERMANENT RATES

Adj No.				
	CASH WORKING CAPITAL - PERMANENT RATES			
18	To adjust Cash Working Capital relative to Staff O&M Expense pro-formas. (See Sch 3-Perm)			
	Net Staff Adjustments to O & M Expenses (Sch 3-Perm, Column 6)		$ (344,027)	
	Working Capital Rate (45 days ÷ 365 days)		x 12.33%	$ (42,414)
	Total Adjustments - Cash Working Capital - Permanent Rates			**$ (42,414)**
	UNAMORTIZED DEFERRED DEBITS - PERMANENT RATES			
19	To modify to test year average the Co's pro-forma adj to reflect a full year of amortization expense of certain deferred debits which began to be amortized during the test year:			
	Co's Deferred Debit Adj IA on revised 1604.06 Sch 3, Att B		$ (11,312)	
	Adjustment to Test Year Average		÷ 2	$ 5,656
20	To reclassify office lease research expenditures from Operating Expenses to Unamortized Deferred Debits per Staff Audit Issue # 10 (See Staff Adj #'s 32 and 43):			
	Beginning balance of unamortized deferred debit (reclassified office lease research expense)		2,129	
	Less: Annual amortization (3 years)		(710)	
	Pro-forma year-end unamortized balance		1,419	
	Test-year average of unamortized balance	($2,129 + $1,419 = $3,548	÷ 2)	1,774
21	To reclassify TWD Special Contract legal expenditure to Unamortized Deferred Debits per Staff Audit Issue # 14 (See Staff Adj #'s 33 and 44):			
	Beginning balance of unamortized deferred debit (reclassified legal expense)		3,078	
	Less: Annual amortization (6 years)		(513)	
	Pro-forma year-end balance of unamortized deferred debit		2,565	
	Test-year average of unamortized balance	($3,078 + $2,565 = $5,643	÷ 2)	2,822
	Total Adjustments - Unamortized Deferred Debits - Permanent Rates			**$ 10,252**
	DEFERRED CREDIT - RATE STABILIZATION FUND (Net of Amortization) - PERMANENT RATES			
22	To adjust balance of Deferred Credit-RSF (Net) to Test Year Average. (See Sch 5-Perm):			
	Proforma Deferred Credit-RSF (Net) - 13-Month Average (Sch 5-Perm)		$ (618,686)	
	Less: Deferred Credit-RSF (Net) per Co Filing (revised 1604.06 Sch 3; Att F; Adj I A)		494,949	$ (123,737)
	Total Adjustments - Deferred Credit - RSF - Permanent Rates			**$ (123,737)**
	NET RATE BASE ADJUSTMENTS PER STAFF - PERMANENT RATES			**$ 1,146,237**

DW 16-806
PENNICHUCK WATER WORKS, INC.
OPERATING INCOME STATEMENT - PERMANENT RATES

	Company Proposal (as revised per Co's Data Responses)					Staff Proposal				
	(1) Test Year Operating Income	(2) Co Proforma Adj's - Permanent Rates (Per Company Filing - Sch 1)	(3) Perm Rate Adj Revisions per Co Responses to DR's	(4) Adj Oper Income - Permanent Rates (Per Co's Revised Sch 1)	(5) Co Pro-forma Bal Ref (Sch 3A)	(6) Staff Adjustments (Sch's 3B)	(7) Staff Adjustment # (Sch's 3B)	(8) Pro-forma Operating Income Per Staff	(9) Revenue Deficiency - Approved Methodology	(10) Revenue Requirement - Approved Methodology
OPERATING REVENUES										
Water Revenues:										
Water Revenue not Subject to CBFRR	$ 21,454,981			$ 21,454,981		$ 128,790	**27**	$ 21,583,771	$ (68,593)	$ 21,515,178
Add: WICA Surcharge Revenue	367,548	(367,548)		-	**x**	858,191	**28**	858,191	(858,191)	-
Total Water Revenue not Subject to CBFRR	21,822,529	(367,548)	-	21,454,981		986,981		22,441,962	(926,784)	21,515,178
City Bond Fixed Revenue Requirement (CBFRR) Revenue	7,465,139	(7,905,759)	440,620	-	**xi**			-		-
Water Sales for Resale	11,151			11,151				11,151		11,151
Total Water Revenues	29,298,819	(8,273,307)	440,620	21,466,132		986,981		22,453,113	(926,784)	21,526,329
Other Operating Revenue	221,722	160,406	5,667	387,795	**xii**			387,795		387,795
Total Operating Revenues	29,520,541	(8,112,901)	446,287	21,853,927		986,981		22,840,908	(926,784)	21,914,124
OPERATING EXPENSES										
O & M Expenses:										
Production Expense	4,515,441	56,179		4,571,620	**xiii**			4,571,620		4,571,620
Transmission and Distribution Expense	1,858,477	24,529	4,521	1,887,527	**xiv**	(35,337)	**29**	1,852,190		1,852,190
Engineering Expense	1,065,646	44,904		1,110,550	**xv**			1,110,550		1,110,550
Customer Account and Collection Expense	463,937	3,057		466,994	**xvi**			466,994		466,994
Administrative and General Expense	6,106,621	1,147,022	(236,993)	7,016,650	**xvii**	(119,764)	**30 - 33**	6,896,886		6,896,886
Inter-Division Management Fee	(2,120,673)	(321,333)	104,711	(2,337,295)	**xviii**	(188,926)	**34 - 37**	(2,526,221)		(2,526,221)
Total O & M Expenses	11,889,449	954,358	(127,761)	12,716,046		(344,027)		12,372,019	-	12,372,019
Property Tax Expense	4,022,844	328,944	(86,331)	4,265,457	**xix**	52,535	**38**	4,317,992		4,317,992
Payroll Tax Expense	595,013			595,013		20,313	**39 - 40**	615,326		615,326
Gain from Forgiveness of SRF Debt	(53,925)			(53,925)				(53,925)		(53,925)
Depreciation Expense	4,783,251	(1,250,715)	(840)	3,531,696	**xx**	3,336	**41**	3,535,032		3,535,032
Amortization of Acquisition Adjustment	(27,026)			(27,026)				(27,026)		(27,026)
Amortization - CIAC	(623,483)		(5,595)	(629,078)	**xxi**			(629,078)		(629,078)
Amortization Expense	1,550,010	(2,103,253)	83,596	(469,647)	**xxii**	6,818	**42 - 44**	(462,829)		(462,829)
Total Operating Expenses	22,136,133	(2,070,666)	(136,931)	19,928,536		(261,025)		19,667,511	-	19,667,511
Net Operating Income Before Income Tax	7,384,408	(6,042,235)	583,218	1,925,391		1,248,006		3,173,397	(926,784)	2,246,613
Income Tax Expense:										
NH Business Profits Tax Expense	490,770	(629,857)	17,857	(121,230)	**xxiii**	106,556	**45**	(14,674)	(78,777)	(93,451)
Federal Income Tax Expense	1,763,183	(2,305,276)	65,354	(476,739)	**xxiv**	389,995	**46**	(86,744)	(288,323)	(375,066)
Total Income Tax Expense	2,253,953	(2,935,133)	83,211	(597,969)		496,552		(101,417)	(367,099)	(468,517)
NET OPERATING INCOME - PERMANENT RATES	**$ 5,130,455**	**$ (3,107,102)**	**$ 500,007**	**$ 2,523,360**		**$ 751,455**		**$ 3,274,815**	**$ (559,685)**	**$ 2,715,130**

Revenue Requirement - Original Rate Structure:		
Water Revenue not Subject to CBFRR		$ 21,515,178
City Bond Fixed Revenue Requirement (CBFRR)		7,465,139
Total Revenue Requirement - Original Rate Structure		**$ 28,980,317**
Revenue Requirement - Modified Rate Structure:		
City Bond Fixed Revenue Requirement (CBFRR):		$ 7,729,032
Operating Expense Revenue Requirement (OERR):		
Total O & M Expenses	$ 12,372,019	
Property Tax Expense	4,317,992	
Payroll Tax Expense	615,326	
Amortization Expense	(462,829)	16,842,508
Debt Service Revenue Requirement (DSRR):		
Debt Service Requirement (Sch 1C-Perm)	4,462,778	
Debt Service Coverage Requirement x	1.1	4,909,056
Total Revenue Requirement - Modified Rate Structure		**$ 29,480,596**

DW 16-806
PENNICHUCK WATER WORKS, INC.
COMPANY PRO-FORMA OPERATING INCOME ACCOUNT BALANCE SUMMARY - PERMANENT RATES

Ref			
x	**WICA Surcharge Revenue - Permanent Rates**		
	Test Year WICA Surcharge Revenue per Sch 1 of Co's Original Filing		$ 367,548
	Water Sales Adj IC - Permanent Rates per revised 1604.06 Sch 1, Att A provided relative to responses to Staff DR's - Set 1		(367,548)
	Pro-forma WICA Surcharge Revenue - Permanent Rates per Company		**$ -**
xi	**City Bond Fixed Revenue Requirement (CBFRR) Revenue - Permanent Rates**		
	Test Year City Bond Fixed Revenue Requirement (CBFRR) Revenue per Sch 1 of Co's Original Filing		$ 7,465,139
	Water Sales Adj IA - Permanent Rates per Sch 1, Att A of Co's Original Filing		(7,465,139)
	Water Sales Adj IB - Permanent Rates per Sch 1, Att A of Co's Original Filing	$ (440,620)	
	Modification to Adj IB - Permanent Rates per revised 1604.06 Sch 1, Att A provided with responses to Staff DR's - Set 3	440,620 →	-
	Total Pro-forma CBFRR Revenue Adjustments - Permanent Rates per Company		(7,465,139)
	Pro-forma Test Year City Bond Fixed Revenue Requirement (CBFRR) Revenue - Permanent Rates per Company		**$ -**
xii	**Other Operating Revenue - Permanent Rates**		
	Test Year Other Operating Revenue per Sch 1 of Co's Original Filing		$ 221,722
	Other Operating Revenue Adj IIIA - Permanent Rates per Sch 1, Att A of Co's Original Filing		156,614
	Other Operating Revenue Adj IIIB - Permanent Rates per Sch 1, Att A of Co's Original Filing	$ 3,792	
	Modification to Adj IIIB - Permanent Rates per Co's response to Staff DR 1-23	(3,536) →	256
	Other Operating Revenue Adj IIIC - Permanent Rates per Co's response to Staff Tech 1-31		9,203
	Net Pro-forma Other Operating Revenue Adjustments - Permanent Rates per Company		166,073
	Pro-forma Other Operating Revenue - Permanent Rates per Company		**$ 387,795**
xiii	**Production Expense - Permanent Rates**		
	Test Year Production Expense per Sch 1 of Co's Original Filing		$ 4,515,441
	Union Contract Adj A - Permanent Rates per Sch 1, Att B, Pg 1 of Co's Original Filing		18,362
	Salary Adj A - Permanent Rates per Sch 1, Att B, Pg 1 of Co's Original Filing		27,794
	Operating and Maintenance Adj A - Permanent Rates per Sch 1, Att B, Pg 1 of Co's Original Filing		22,730
	Operating and Maintenance Adj B - Permanent Rates per Sch 1, Att B, Pg 1 of Co's Original Filing		(1,666)
	Operating and Maintenance Adj D - Permanent Rates per Sch 1, Att B, Pg 1 of Co's Original Filing		(11,041)
	Net Pro-forma Production Expense Adjustments - Permanent Rates per Company		56,179
	Pro-forma Production Expense - Permanent Rates per Company		**$ 4,571,620**

DW 16-806
PENNICHUCK WATER WORKS, INC.
COMPANY PRO-FORMA OPERATING INCOME ACCOUNT BALANCE SUMMARY - PERMANENT RATES

Ref				
xiv	**Transmission and Distribution Expense - Permanent Rates**			
	Test Year Transmission and Distribution Expense per Sch 1 of Co's Original Filing			$ 1,858,477
	Union Contract Adj IA - Permanent Rates per Sch 1, Att B, Pg 2 of Co's Original Filing			32,171
	Salary Adj IIA - Permanent Rates per Sch 1, Att B, Pg 2 of Co's Original Filing	$ (7,642)		
	Modification to Adj IIA - Permanent Rates per Co's response to Staff DR 1-36	4,521	→	(3,121)
	Net Pro-forma Transmission and Distribution Expense Adjustments - Permanent Rates per Company			29,050
	Pro-forma Transmission and Distribution Expense - Permanent Rates per Company			**$ 1,887,527**
xv	**Engineering Expense - Permanent Rates**			
	Test Year Engineering Expense per Sch 1 of Co's Original Filing			$ 1,065,646
	Engineering Salary Adj IIIA - Permanent Rates per Sch 1, Att B, Pg 3 of Co's Original Filing			44,904
	Pro-forma Engineering Expense - Permanent Rates per Company			**$ 1,110,550**
xvi	**Customer Account and Collection Expense - Permanent Rates**			
	Test Year Customer Account and Collection Expense per Sch 1 of Co's Original Filing			$ 463,937
	Customer Account and Collection Adj IVA - Permanent Rates per Sch 1, Att B, Pg 4 of Co's Original Filing			3,057
	Pro-forma Customer Account and Collection Expense - Permanent Rates per Company			**$ 466,994**
xvii	**Administrative and General Expense - Permanent Rates**			
	Test Year Administrative and General Expense per Sch 1 of Co's Original Filing			$ 6,106,621
	Salary Adj IA - Permanent Rates per Sch 1, Att C, Pg 1 of Co's Original Filing	$ 269,855		
	Modification to Adj IA - Permanent Rates per Co's responses to Staff DR's 1-35 and 1-36	(152,563)	→	117,292
	Benefit Allocation Adj IA - Permanent Rates per Sch 1, Att C, Pg 1 of Co's Original Filing	208,094		
	Modification to Adj IA - Permanent Rates per Co's response to Staff DR's 1-35 and 1-36	(76,286)	→	131,808
	Regulatory Commission Expense Adj IIA - Permanent Rates per Sch 1, Att C, Pg 1 of Co's Original Filing	13,138		
	Modification to Adj IIA - Permanent Rates per Co's response to Staff DR 1-31	(8,143)	→	4,995
	Pension Expense Adj IIIA - Permanent Rates per Sch 1, Att C, Pg 1 of Co's Original Filing			60,350
	Insurance Adj IVA - Permanent Rates per Sch 1, Att C, Pg 1 of Co's Original Filing			(91,050)
	Early Retirement Health Expense Adj VA - Permanent Rates per Sch 1, Att C, Pg 1 of Co's Original Filing			674,750
	Computer Maintenance Expense Adj VIA - Permanent Rates per Sch 1, Att C, Pg 1 of Co's Original Filing			66,582
	Outside Services Adj VIIA - Permanent Rates per Sch 1, Att C, Pg 1 of Co's Original Filing			(54,698)
	Net Pro-forma Administrative and General Expense Adjustments - Permanent Rates per Company			910,029
	Pro-forma Administrative and General Expense - Permanent Rates per Company			**$ 7,016,650**

DW 16-806
PENNICHUCK WATER WORKS, INC.
COMPANY PRO-FORMA OPERATING INCOME ACCOUNT BALANCE SUMMARY - PERMANENT RATES

Ref				
xviii	**Inter-Division Management Fee - Permanent Rates**			
	Test Year Inter-Division Management Fee per Sch 1 of Co's Original Filing			$ (2,120,673)
	Management Fee Adj IA - Permanent Rates per Sch 1, Att C, Pg 5 of Co's Original Filing	$ (141,158)		
	Modification to Adj IA - Permanent Rates per Co's responses to Staff DR's 1-35, 1-36, and 1-37	67,548	→	(73,610)
	Management Fee Adj IB - Permanent Rates per Sch 1, Att C, Pg 5 of Co's Original Filing	(9,661)		
	Modification to Adj IB - Permanent Rates per Co's response to Staff DR 2-9	(17,841)		
	Modification to Adj IB - Permanent Rates per Co's response to Staff Tech 1-15	55,004	→	27,502
	Management Fee Adj IC - Permanent Rates per Sch 1, Att C, Pg 5 of Co's Original Filing			(15,688)
	Management Fee Adj ID - Permanent Rates per Sch 1, Att C, Pg 5 of Co's Original Filing			23,669
	Management Fee Adj IE - Permanent Rates per Sch 1, Att C, Pg 5 of Co's Original Filing			(175,406)
	Management Fee Adj IF - Permanent Rates per Sch 1, Att C, Pg 5 of Co's Original Filing			(17,308)
	Management Fee Adj IG - Permanent Rates per Sch 1, Att C, Pg 5 of Co's Original Filing			14,219
	Net Pro-forma Inter-Division Management Fee Adjustments - Permanent Rates per Company			(216,622)
	Pro-forma Inter-Division Management Fee - Permanent Rates per Company			**$ (2,337,295)**
xix	**Property Tax Expense - Permanent Rates**			
	Test Year Property Tax Expense per Sch 1 of Co's Original Filing			$ 4,022,844
	Property Tax Expense Adj IA - Permanent Rates per Sch 1, Att D of Co's Original Filing	$ 137,418		
	Modification to Adj IA - Permanent Rates per Co's response to Staff DR 1-63	(86,331)	→	51,087
	Property Tax Expense Adj IB - Permanent Rates per Sch 1, Att D of Co's Original Filing			236,452
	Property Tax Expense Adj IC - Permanent Rates per Sch 1, Att D of Co's Original Filing			(44,926)
	Net Pro-forma Property Tax Expense Adjustments - Permanent Rates per Company			242,613
	Pro-forma Property Tax Expense - Permanent Rates per Company			**$ 4,265,457**
xx	**Depreciation Expense - Permanent Rates**			
	Test Year Depreciation Expense per Sch 1 of Co's Original Filing			$ 4,783,251
	Depreciation Adj IA - Permanent Rates per Sch 1, Att E of Co's Original Filing	$ 234,166		
	Modification to Adj IA - Permanent Rates per Co's response to Staff DR 2-15	(88,743)		
	Modification to Adj IA - Permanent Rates per Co's response to Staff Tech 1-21	88,743	→	234,166
	Depreciation Adj IB - Permanent Rates per Sch 1, Att E of Co's Original Filing			(46,679)
	Depreciation Adj IC - Permanent Rates per Sch 1, Att E of Co's Original Filing			(69,701)
	Depreciation Adj ID - Permanent Rates per Sch 1, Att E of Co's Original Filing	(1,368,501)		
	Modification to Adj ID - Permanent Rates per Co's response to Staff DR 1-41	(840)	→	(1,369,341)
	Net Pro-forma Depreciation Expense Adjustments - Permanent Rates per Company			(1,251,555)
	Pro-forma Depeciation Expense - Permanent Rates per Company			**$ 3,531,696**

DW 16-806
PENNICHUCK WATER WORKS, INC.
COMPANY PRO-FORMA OPERATING INCOME ACCOUNT BALANCE SUMMARY - PERMANENT RATES

Ref				
xxi	**Amortization - CIAC - Permanent Rates**			
	Test Year Amortization - CIAC per Sch 1 of Co's Original Filing			$ (623,483)
	Adjustment - Permanent Rates per Co's response to Staff DR 2-14			(5,595)
	Pro-forma Amortization - CIAC - Permanent Rates per Company			**$ (629,078)**
xxii	**Amortization Expense - Permanent Rates**			
	Test Year Amortization Expense per Sch 1 of Co's Original Filing			$ 1,550,010
	Amortization Adj IA - Permanent Rates per Sch 1, Att F of Co's Original Filing	$ 12,078		
	Modification to Adj IA - Permanent Rates per Co's response to Staff DR 1-64	(766)	→	11,312
	Amortization Adj IB - Permanent Rates per Sch 1, Att F of Co's Original Filing			(36,799)
	Amortization Adj IC - Permanent Rates per Sch 1, Att F of Co's Original Filing	(95,664)		
	Modification to Adj IC - Permanent Rates per Co's response to Staff Tech 1-7	89,957	→	(5,707)
	Amortization Adj ID - Permanent Rates per Sch 1, Att F of Co's Original Filing			(1,735,394)
	Amortization Adj IE - Permanent Rates per Sch 1, Att F of Co's Original Filing	(247,474)		
	Modification to Adj IE - Permanent Rates per Co's revised 1604.06 Sch 3, Att F provided with responses to Staff DR's - Set	155,395		
	Modification to Adj IE - Permanent Rates per Co's response to Staff Tech 1-25	(155,395)	→	(247,474)
	Amortization Adj IF - Permanent Rates per Co's revised 1604.06 Sch 1, Att F provided with responses to Staff Tech 1			(5,595)
	Net Pro-forma Amortization Expense Adjustments - Permanent Rates per Company			(2,019,657)
	Pro-forma Amortization Expense - Permanent Rates per Company			**$ (469,647)**
xxiii	**NH Business Profits Tax Expense - Permanent Rates**			
	NH Business Profits Tax Expense per Sch 1 of Co's Original Filing			$ 490,770
	Income Tax Adj IA - Permanent Rates per Sch 1, Att G of Co's Original Filing			(629,857)
	Modification to Adj IA - Permanent Rates per Co's responses to Staff DR's - Set 1			(23,257)
	Modification to Adj IA - Permanent Rates per Co's responses to Staff DR's - Set 2			9,059
	Modification to Adj IA - Permanent Rates per Co's responses to Staff Tech 1			(5,398)
	Modification to Adj IA - Permanent Rates per Co's responses to Staff DR's - Set 3			37,453
	Net Pro-forma NH Business Profits Tax Expense Adjustments - Permanent Rates per Company			(612,000)
	Pro-forma NH Business Profits Tax Expense - Permanent Rates per Company			**$ (121,230)**
xxiv	**Federal Income Tax Expense - Permanent Rates**			
	Federal Income Tax Expense per Sch 1 of Co's Original Filing			$ 1,763,183
	Income Tax Adj IA - Permanent Rates per Sch 1, Att G of Co's Original Filing			(2,305,276)
	Modification to Adj IA - Permanent Rates per Co's responses to Staff DR's - Set 1			(85,123)
	Modification to Adj IA - Permanent Rates per Co's responses to Staff DR's - Set 2			33,158
	Modification to Adj IA - Permanent Rates per Co's responses to Staff Tech 1			(19,758)
	Modification to Adj IA - Permanent Rates per Co's responses to Staff DR's - Set 3			137,077
	Net Pro-forma Federal Income Tax Expense Adjustments - Permanent Rates per Company			(2,239,922)
	Pro-forma Federal Income Tax Expense - Permanent Rates per Company			**$ (476,739)**

DW 16-806
PENNICHUCK WATER WORKS, INC.
STAFF PRO-FORMA OPERATING INCOME ADJUSTMENTS - PERMANENT RATES

Staff Adj #							
	PRO-FORMA ADJUSTMENTS - OPERATING REVENUES - PERMANENT RATES:						
	WATER REVENUES NOT SUBJECT TO CBFRR - PERMANENT RATES						
27	To reflect Increase in pro-forma annual revenues resulting from the Tyngsborough Special Contract per Co's revised 1604.06 Sch 1, Att A1.						$ 128,790
	Total Adjustments - Water Revenues not Subject to CBFRR - Permanent Rates						**$ 128,790**
	WICA SURCHARGE REVENUE - PERMANENT RATES						
28	To record pro-forma WICA Surcharge Revenue based on test year billed revenue and approved WICA Surcharge % in DW 16-220:						
	Revenues subject to 3.03% WICA Surcharge:						
	2015 Test Year Billed Revenue w/o WICA (Co's revised 1604.06 Sch 1; Att A1)			$ 28,920,120			
	Less: Anheuser-Busch Fixed Contract Charge			(371,430)			
	Hudson Fixed Contract Charge			(32,800)			
	Milford Fixed Contract Charge			(81,000)			
	TWD Special Contract: Volumetric Charge	$ (51,264)					
	Meter Charge	(7,379)					
	Fixed Contract Charge	(76,716)		(135,359)			
	Adjusted test year revenues subject to 3.03% WICA Surcharge			28,299,531			
	WICA Surcharge % approved in DW 16-220 (Commission Order # 25,896 (05/09/16))		x	3.03%	$ 857,476		
	Revenues subject to 1.22% incremental increase in WICA Surcharge:						
	2015 TWD Special Contract Revenue			135,359			
	Less: Fixed Contract Charge			(76,716)			
	Adjusted TWD Special Contract revenue subject to 1.22% incremental increase in WICA Surcharge			58,643			
	WICA Surcharge incremental increase % approved in DW 16-220 (Commission Order # 25,896 (05/09/16))		x	1.22%	715		$ 858,191
	Total Adjustments - WICA Surcharge Revenue - Permanent Rates						**$ 858,191**
	TOTAL OPERATING REVENUE ADJUSTMENTS PER STAFF - PERMANENT RATES						**$ 986,981**
	PRO-FORMA ADJUSTMENTS - OPERATING EXPENSES - PERMANENT RATES:						
	TRANSMISSION AND DISTRIBUTION EXPENSE - PERMANENT RATES						
29	To reclassify repair costs which extended the lives of certain vehicles from Operating Expenses to Plant in Service per Staff Audit Issue # 12 (See Staff Adj #'s 11, 15, and 41):						
	Vehicle repair expenditure - 01/31/15				$ (18,359)		
	Vehicle repair expenditure - 11/30/15				(16,978)		$ (35,337)
	Total Adjustments - Transmission and Distribution Expense - Permanent Rates						**$ (35,337)**
	ADMINISTRATIVE AND GENERAL EXPENSE - PERMANENT RATES						
30	To adjust Co's pro-forma for Pension Expense per response to Staff Tech 1-3:			Pension	Health Retire		
	2016 Actual Expense per Co's response to Staff Tech 1-3			$ 1,284,210	$ 230,968		
	Less: 2015 Actual Expense per Co Filing (revised 1604.06 Sch 1, Att C, Pg 1, III Pension Exp, Adj A)			(1,214,820)	(209,326)		
	Increase in Expense from 2015 to 2016			69,390	21,642		
	Less: Co's Pension Exp Adj IIIA			(84,036)	23,686		
	Total adjustment to Co's pro-forma			(14,646)	+ 45,328	=	$ 30,682
31	To adjust Co's pro-forma for Insurance Expense per response to Staff Tech 1-4:						
	2016 Insurance Expense per Co's response to Staff Tech 1-4				559,905		
	Less: 2015 Actual Insurance Expense per Co Filing (revised 1604.06 Sch 1; Att C; IV Insurance; Adj A)				(765,242)		
	Anticipated decrease in annual Insurance Expense				(205,337)		
	Less: Co's Proforma Adj for Insurance Expense per Filing (revised 1604.06 Sch 1; Att C; IV Insurance; Adj A)				91,050		(114,287)

DW 16-806
PENNICHUCK WATER WORKS, INC.
STAFF PRO-FORMA OPERATING INCOME ADJUSTMENTS - PERMANENT RATES

Staff Adj #				
32	To eliminate various test year expenditures from the Co's Operating Expense accounts per Staff Audit Issue # 10 as well as the Co's response to Staff Tech 1-33:			
	Expenditures deemed by Co to be "below-the-line"		(22,506)	
	Health Rewards Program (total of $8,569 / elimination of one-half of expenditure)		(4,285)	
	Office Lease Research reclassified as a deferred debit (See Staff Adj #'s 20 and 43)		(2,129)	
	Give-aways (total of $1,509 / elimination of one-half of expenditure)		(755)	(29,675)
33	To remove or reclassify certain non-recurring expenses from Operating Expenses per Staff Audit Issue # 14:			
	Research expenditure deemed by Co as "non-recurring"		(3,046)	
	Legal expenditure relative to TWD Special Contract reclassified as deferred debit (See Staff Adj #'s 21 and 44)		(3,078)	
	Legal expenditure associated with potential watershed acquisition		(360)	(6,484)
	Total Adjustments - Administrative and General Expenses - Permanent Rates			**$ (119,764)**
	INTER-DIVISION MANAGEMENT FEE - PERMANENT RATES			
34	To adjust Co's pro-forma allocating increase in Pension Expense to affiliates (See Staff Adj # 30):			
	Modifying pro-forma relative to decrease in annual Pension Expense (Staff Adj # 30)		$ 30,682	
	Affiliate Allocation Percentage	x	26.00%	(7,977)
35	To adjust Co's pro-forma allocating decrease in Insurance Expense to affiliates (See Staff Adj # 31):			
	Modifying pro-forma relative to decrease in annual Insurance Expense (Staff Adj # 31)		(114,287)	
	Affiliate Allocation Percentage	x	26.00%	29,715
36	To allocate portion of Payroll Tax Adjustment for Non-union Wages & Salaries to affiliates (See Staff Adj # 40):			
	Pro-forma adj relative to Payroll Tax Expense on Non-Union Wages & Salaries (Staff Adj # 40)		16,447	
	Affiliate Allocation Percentage	x	26.00%	(4,276)
37	To correct test year over-allocation of affiliate-shared expenses per Staff Audit Issue # 1.			(206,387)
	Total Adjustments - Inter-Division Management Fee - Permanent Rates			**$ (188,926)**
	PROPERTY TAX EXPENSE - PERMANENT RATES			
38	To adjust pro-forma Property Tax Expense to 2016 adjusted billings (Sch 8).			$ 52,535
	Total Adjustments - Property Tax Expense - Permanent Rates			**$ 52,535**
	PAYROLL TAX EXPENSE - PERMANENT RATES			
39	To adjust Payroll Tax Expense relative to Co's pro-forma Union Wage & Salary adjustments (based on Co's revised 1604.06 Sch 1B):			
	Production - Union		$ 18,362	
	Distribution / Meter - Union		32,171	
	Total Union Wage & Salary Adjustments		$ 50,533	
	Payroll Tax Percentage	x	7.65%	$ 3,866

40 To adjust Payroll Tax Expense relative to Co's pro-forma non-union wage & salary adjustments (based on Co's revised 1604.06 Sch 1; Att C; Pg 3):

Non-union Wage & Salary Category		Wage Adj's subject to Medicare Tax	Modifications for determining Soc Sec Tax		Wage Adj's subject to Soc Sec Tax	
Officers		$ (166,267)	$ 54,621		$ (111,646)	
Administration		9,091	-		9,091	
Information Systems		103,086	(5,414)		97,672	
Accounting		33,517	-		33,517	
Revenue & Customer Ops		137,866	-		137,866	
Engineering		44,904	(6,937)		37,967	
Water Supply		27,794	(7,567)		20,227	
Distribution		(3,121)	-		(3,121)	
Total Non-union Wage & Salary Adjustments		$ 186,870	$ 34,703		$ 221,573	
Payroll Tax Percentage	x	1.45%		x	6.20%	
Payroll Tax Adjustment		$ 2,710			$ 13,738	16,447

Total Adjustments - Payroll Tax Expense - Permanent Rates **$ 20,313**

DW 16-806
PENNICHUCK WATER WORKS, INC.
STAFF PRO-FORMA OPERATING INCOME ADJUSTMENTS - PERMANENT RATES

Staff Adj #				
	DEPRECIATION EXPENSE - PERMANENT RATES			
41	To record annual depreciation expense on repair expenditures reclassified to Plant in Service per Staff Audit Issue # 12 (See Staff Adj #'s 11, 15, and 29):			
	Vehicle repair expenditure - 01/31/15		$ 18,359	
	Vehicle repair expenditure - 11/30/15		16,978	
	Total expenditures reclassified to Plant in Service		35,337	
	Annual depreciation rate - Transportation Equipment per last approved Depreciation Study in DW 06-073	x	9.44%	$ 3,336
	Total Adjustments - Depreciation Expense - Permanent Rates			**$ 3,336**
	AMORTIZATION EXPENSE - PERMANENT RATES			
42	To reverse Co Amortization Expense Adj IF (revised 1604.06 Sch 1, Att F) relative to reflecting a full-year Amortization on test year CIAC additions because this adj is also recorded on the Co's revised 1604.06 Sch 1 relative to the "Amortization Expense: CIAC" account.			$ 5,595
43	To record annual amortization of Office Lease Research deferred debit per Staff Audit Issue # 10 (See Staff Adj #'s 20 and 32):			
	Office Lease Research deferred debit		$ 2,129	
	Amortization period (years)	÷	3	710
44	To record annual amortization of TWD Special Contract deferred debit per Staff Audit Issue # 14 (See Staff Adj #'s 21 and 33):			
	TWD Special Contract deferred debit		3,078	
	Amortization period (years)	÷	6	513
	Total Adjustments - Amortization Expense - Permanent Rates			**$ 6,818**
	NEW HAMPSHIRE BUSINESS PROFITS TAX (NHBPT) EXPENSE - PERMANENT RATES			
45	To record NHBPT pro-forma relative to Staff's Net Operating Revenue & Expense Adjustments (Sch 3Bii-Perm)			$ 106,556
	Total Adjustments - NHBPT Expense - Permanent Rates			**$ 106,556**
	FEDERAL INCOME TAX (FIT) EXPENSE - PERMANENT RATES			
46	To record FIT pro-forma relative to Staff's Net Operating Revenue & Expense Adjustments (Sch 3Bii-Perm)			$ 389,995
	Total Adjustment - FIT Expense - Permanent Rates			**$ 389,995**
	NET OPERATING EXPENSE ADJUSTMENTS PER STAFF - PERMANENT RATES			**$ 235,526**
	NET OPERATING INCOME ADJUSTMENTS PER STAFF - PERMANENT RATES			**$ 751,455**

DW 16-806
PENNICHUCK WATER WORKS, INC.
PRO-FORMA INCOME TAX EXPENSE - PERMANENT RATES

Operating Revenues - Permanent Rates:	
Total pro-forma adjustments - Water Revenue not Subject to CBFRR	$ 128,790
Total pro-forma adjustments - WICA Surcharge Revenue	858,191
Total pro-forma adjustments - CBFRR Revenue	-
Total pro-forma adjustments - Water Sales for Resale	-
Total pro-forma adjustments - Other Operating Revenue	-
Total pro-forma adjust's b/f Income Tax Exp - Operating Revenues - Permanent Rates	986,981
Operating Expenses - Permanent Rates:	
Total pro-forma adjustments - Production Expense	-
Total pro-forma adjustments - Transmission and Distribution Expense	(35,337)
Total pro-forma adjustments - Engineering Expense	-
Total pro-forma adjustments - Customer Account and Collection Expense	-
Total pro-forma adjustments - Administrative & General Expense	(119,764)
Total pro-forma adjustments - Inter-Division Management Fee	(188,926)
Total pro-forma adjustments - Property Tax Expense	52,535
Total pro-forma adjustments - Payroll Tax Expense	20,313
Total pro-forma adjustments - Gain from Forgiveness SRF Debt	-
Total pro-forma adjustments - Depreciation Expense	3,336
Total pro-forma adjustments - Amortization of Acquisition Adjustment	-
Total pro-forma adjustments - Amortization-CIAC	-
Total pro-forma adjustments - Amortization Expense **(v)**	1,223
Net pro-forma adjust's b/f Income Tax Exp - Operating Expenses - Permanent Rates	(266,620)
Net Operating Income Adj's per Staff subject to NHBPT - Permanent Rates	1,253,601
New Hampshire Business Profits Tax @ 8.50%	106,556
Net Operating Income Adj's per Staff subject to FIT - Permanent Rates	1,147,045
Federal Income Tax @ 34.00%	389,995
Sub-total	757,050
Less: Staff Adj # 42 not included in tax calculation **(v)**	(5,595)
Net Pro-forma Operating Income Adjust's after Income Tax per Staff - Permanent Rates	**$ 751,455**

Notes:

(v) Two pro-forma adj's in the amount of $(5,595) relative to Amortization - CIAC are reflected in the Co's revised 1604.06 Sch 1. Staff reversed one of the Co's pro-formas via Staff Adj # 42. However, only one of the Co's pro-formas was adjusted for income taxes in its revised 1604.06 Sch 1, Att G. Therefore, Staff is eliminating Staff Adj # 42 for purposes of this income tax calculation:

Total pro-forma adjustments - Amortization Expense:	$ 6,818
Less: Staff Adj # 42:	(5,595)
Adjusted Staff pro-forma - Amortization Expense:	$ 1,223

DW 16-806
PENNICHUCK WATER WORKS, INC.
REPORT OF PROPOSED RATE CHANGES - PERMANENT RATES
ORIGINAL RATE STRUCTURE

			Change in Annual Total Revenues						Change in Permanent Rates			
Rate or Class of Service	Effect of Proposed Change	Average Number Customers	Present Permanent Rate Revenues	Present WICA Revenues	Present Total Revenues	Calculated Revenues - Permanent	Change Amount	Change % Increase	Present Permanent Rates	Calculated Permanent Rates	Change Amount	Change % Increase
G-M	Increase	27,015	$ 23,211,105	$ 697,374	$ 23,908,479	$ 23,155,366	$(753,113.30)	-3.15%	$ 23,211,105	$ 23,155,366	$ (55,739)	-0.24%
Private FP	Increase	830	1,058,281	31,796	1,090,077	1,055,740	(34,337)	-3.15%	1,058,281	1,055,740	(2,541)	-0.24%
FP - Hydrants	Increase	5	3,075,100	92,391	3,167,491	3,067,715	(99,775)	-3.15%	3,075,100	3,067,715	(7,385)	-0.24%
Anheuser-Busch Contract												
Contract Charges	No Increase	2	371,430	-	371,430	371,430	-	0.00%	371,430	371,430	-	0.00%
Volumetric Charges	Increase	-	415,998	12,499	428,497	414,999	(13,498)	-3.15%	415,998	414,999	(999)	-0.24%
Milford Contract												
Contract Charges	No Increase	1	81,000	-	81,000	81,000	-	0.00%	81,000	81,000	-	0.00%
Volumetric Charges	Increase	-	66,533	1,999	68,532	66,373	(2,159)	-3.15%	66,533	66,373	(160)	-0.24%
Hudson Contract												
Contract Charges	No Increase	1	32,800	-	32,800	32,800	-	0.00%	32,800	32,800	-	0.00%
Volumetric Charges	Increase	-	472,514	14,197	486,711	471,379	(15,331)	-3.15%	472,514	471,379	(1,135)	-0.24%
Tyngsborough Contract												
Volumetric & Meter Charge	Increase	1	264,149	7,936	272,085	263,515	(8,571)	-3.15%	264,149	263,515	(634)	-0.24%
		27,855	$ 29,048,910 (α)	$ 858,191 (β)	$ 29,907,101 (γ)	$ 28,980,317 (δ)	$ (926,784)	-3.10%	$ 29,048,910	$ 28,980,317	$ (68,593)	-0.24%

Notes:

(α) Present Permanent Rate Revenues:

Test Year Water Revenue not Subject to CBFRR (Sch 3-Perm, Col 1)	$ 21,454,981	
Add: Staff Adj # 27: Increase in TWD Special Contract Revenue (Sch 3Bi-Perm)	128,790	
Test Year Pro-forma Water Revenue not Subject to CBFRR	21,583,771	
Add: City Bond Fixed Revenue Requirement (CBFRR) (Sch 3-Perm, Col 1)	7,465,139	$ 29,048,910

(β) Per Staff Adj # 28: Pro-forma WICA Surcharge Revenue (Sch 3Bi-Perm) 858,191

(γ) See Sch 1 - Original Rate Structure, Line 13 → Σ $ 29,907,101

(δ) Per Sch 1 - Original Rate Structure, Line 17

DW 16-806
PENNICHUCK WATER WORKS, INC.
REPORT OF PROPOSED RATE CHANGES - PERMANENT RATES
MODIFIED RATE STRUCTURE

			Change in Annual Total Revenues						Change in Permanent Rates			
Rate or Class of Service	Effect of Proposed Change	Average Number Customers	Present Permanent Rate Revenues	Present WICA Revenues	Present Total Revenues	Calculated Revenues - Permanent	Change Amount	Change % Increase	Present Permanent Rates	Calculated Permanent Rates	Change Amount	Change % Increase
G-M	Increase	27,015	$ 23,211,105	$ 697,374	$ 23,908,479	$ 23,561,897	$(346,582.19)	-1.45%	$ 23,211,105	$ 23,561,897	$ 350,792	1.51%
Private FP	Increase	830	1,058,281	31,796	1,090,077	1,074,275	(15,802)	-1.45%	1,058,281	1,074,275	15,994	1.51%
FP - Hydrants	Increase	5	3,075,100	92,391	3,167,491	3,121,574	(45,917)	-1.45%	3,075,100	3,121,574	46,474	1.51%
Anheuser-Busch Contract												
Contract Charges	No Increase	2	371,430	-	371,430	371,430	-	0.00%	371,430	371,430	-	0.00%
Volumetric Charges	Increase	-	415,998	12,499	428,497	422,285	(6,212)	-1.45%	415,998	422,285	6,287	1.51%
Milford Contract												
Contract Charges	No Increase	1	81,000	-	81,000	81,000	-	0.00%	81,000	81,000	-	0.00%
Volumetric Charges	Increase	-	66,533	1,999	68,532	67,539	(993)	-1.45%	66,533	67,539	1,006	1.51%
Hudson Contract												
Contract Charges	No Increase	1	32,800	-	32,800	32,800	-	0.00%	32,800	32,800	-	0.00%
Volumetric Charges	Increase	-	472,514	14,197	486,711	479,655	(7,055)	-1.45%	472,514	479,655	7,141	1.51%
Tyngsborough Contract												
Volumetric & Meter Charge	Increase	1	264,149	7,936	272,085	268,141	(3,944)	-1.45%	264,149	268,141	3,992	1.51%
		27,855	$ 29,048,910 (α)	$ 858,191 (β)	$ 29,907,101 (ε)	$ 29,480,596 (η)	$ (426,505)	-1.43%	$ 29,048,910	$ 29,480,596	$ 431,686	1.49%

Notes:

(α) Present Permanent Rate Revenues:

Test Year Water Revenue not Subject to CBFRR (Sch 3-Perm, Col 1)	$ 21,454,981	
Add: Staff Adj # 27: Increase in TWD Special Contract Revenue (Sch 3Bi-Perm)	128,790	
Test Year Pro-forma Water Revenue not Subject to CBFRR	21,583,771	
Add: CBFRR - Original Rate Structure (Sch 3-Perm, Col 1)	7,465,139	$ 29,048,910

(β) Per Staff Adj # 28: Pro-forma WICA Surcharge Revenue (Sch 3Bi-Perm) 858,191

(ε) See Sch 1 - Modified Rate Structure, Line 13 → Σ $ 29,907,101

(η) Per Sch 1 - Modified Rate Structure, Line 10

DW 16-806
PENNICHUCK WATER WORKS, INC.
RATE STABILIZATION FUND (RSF) - PERMANENT RATES

	RSF before Interco Loans	Interco Loans	RSF
12/31/14	$ 5,276,236	$ (12,954)	$ 5,263,282
01/31/15	5,175,176	(12,954)	5,162,222
02/28/15	5,082,899	(12,954)	5,069,945
03/31/15	5,044,088	(12,954)	5,031,134
04/30/15	4,989,416	(12,954)	4,976,462
05/31/15	4,989,082	(12,954)	4,976,128
06/30/15	5,365,644	(12,954)	5,352,690
07/31/15	5,450,588	(12,954)	5,437,634
08/31/15	5,566,755	(12,954)	5,553,801
09/30/15	5,924,488	(12,954)	5,911,534
10/31/15	5,740,423	(12,954)	5,727,469
11/30/15	5,545,841	(12,954)	5,532,887
12/31/15	5,742,423	(12,954)	5,729,469
Average	**$ 5,376,389**	**$ (12,954)**	**$ 5,363,435**

Annual Amortization of RSF Credit - Permanent Rates:

RSF @ 12/31/15		$ 5,742,423	
Less: Initial RSF		(5,000,000)	
RSF Credit		$ 742,423	
Amortization Period	÷	3	Years
Annual Amortization		**$ 247,474**	

Deferred Credit - RSF - Permanent Rates:

Month 1	$ 742,423
Month 2	721,800
Month 3	701,177
Month 4	680,554
Month 5	659,932
Month 6	639,309
Month 7	618,686
Month 8	598,063
Month 9	577,440
Month 10	556,817
Month 11	536,194
Month 12	515,572
Month 13	494,949
Average	**$ 618,686**

DW 16-806
PENNICHUCK WATER WORKS, INC.
RATE BASE - 5-YEAR AVERAGE

	Company Proposal (as revised per Co's Data Responses)					Staff Proposal		
	(1) Adj Rate Base - Permanent Rates (Per Co's Revised Sch 3)	(2) Co Proforma Adj's - 5-Year Average (Per Company Filing - Sch 3)	(3) 5-Year Avg Adj Revisions per Co Responses to DR's	(4) Adj Rate Base - 5-Yr Avg Perm Rates	(5) Co Pro-forma Bal Ref (Sch 2A)	(6) Staff Adjustments (Sch's 2B)	(7) Staff Adjustment # (Sch's 2B)	(8) Adjusted Rate Base Per Staff
Plant in Service	$ 135,572,896			$ 135,572,896		$ 19,559	**11**	$ 135,592,455
Accumulated Depreciation	(47,911,178)			(47,911,178)		905,038	**12 - 15**	(47,006,140)
Acquisition Adjustment	(844,905)			(844,905)				(844,905)
Accumulated Amortization Acq Adj	458,676			458,676				458,676
Contributions in Aid of Construction	(33,936,232)			(33,936,232)				(33,936,232)
Accumulated Amortization of CIAC	7,269,659			7,269,659		1,151	**16**	7,270,810
Net Plant in Service	60,608,916	-	-	60,608,916		925,748		61,534,664
Rate Stabilization Fund	4,987,046			4,987,046		376,389	**17**	5,363,435
Cash Working Capital	1,540,169	(20,574)	(379)	1,519,216	**iv'**	(42,414)	**18**	1,476,802
Materials and Supplies	766,338			766,338				766,338
Prepaid Expenses	640,515			640,515				640,515
Unamortized Deferred Debits	8,894,186			8,894,186		10,252	**19 - 21**	8,904,438
Customer Advances	(84,000)			(84,000)				(84,000)
Customer Deposits	(153,001)			(153,001)				(153,001)
Deferred Income Tax	(19,648,150)			(19,648,150)				(19,648,150)
Deferred Tax Liability	(246,109)			(246,109)				(246,109)
Unamortized Investment Tax Credit	(586,224)			(586,224)				(586,224)
Other Deferred Credits	(27,353)			(27,353)				(27,353)
Deferred Credit - Rate Stabilization Fund (Net)	(494,949)			(494,949)		(123,737)	**22**	(618,686)
Deferred Credit - Gain on SRF Loans	(895,690)			(895,690)				(895,690)
Unfunded FAS 106 and 158 Costs	(2,152,272)			(2,152,272)				(2,152,272)
NET RATE BASE - 5-YEAR AVERAGE	**$ 53,149,422**	**$ (20,574)**	**$ (379)**	**$ 53,128,469**		**$ 1,146,237**		**$ 54,274,706**

DW 16-806
PENNICHUCK WATER WORKS, INC.
COMPANY PRO-FORMA RATE BASE ACCOUNT BALANCE SUMMARY - 5-YEAR AVERAGE

Ref		
iv'	**Cash Working Capital - 5-Year Average**	
	Pro-forma Cash Working Capital - Permanent Rates per Company	$ 1,540,169
	Cash Working Capital Adj IA - 5-Year Average per Sch 3, Att D of Co's Original Filing	(20,574)
	Modification to Adj IA - 5-Year Average per Co's O & M Expense Adj modifications relative to responses to Staff DR's - Set 1	(379)
	Net Pro-forma Cash Working Capital Adjustment - 5-Year Average per Company	(20,953)
	Pro-forma Cash Working Capital - 5-Year Average Per Company	**$ 1,519,216**

DW 16-806
PENNICHUCK WATER WORKS, INC.
OPERATING INCOME STATEMENT - 5-YEAR AVERAGE

	Company Proposal (as revised per Co's Data Responses)					Staff Proposal				
	(1) Adj Oper Income - Permanent Rates (Per Co's Revised Sch 1)	(2) Co Proforma Adj's - 5-Year Average (Per Company Filing - Sch 1)	(3) Perm Rate Adj Revisions per Co Responses to DR's	(4) Adj Oper Income - 5-Yr Avg Perm Rates	(5) Co Pro-forma Bal Ref (Sch 3A)	(6) Staff Adjustments (Sch's 3B)	(7) Staff Adjustment # (Sch's 3B)	(8) Pro-forma Operating Income Per Staff	(9) Revenue Deficiency - Approved Methodology	(10) Revenue Requirement - Approved Methodology
OPERATING REVENUES										
Water Revenues:										
Water Revenue not Subject to CBFRR	$ 21,454,981	$ (395,692)	$ (101,358)	$ 20,957,931	**ix'**	$ -	**27, 47**	$ 20,957,931	$ 385,579	$ 21,343,510
Add: WICA Surcharge Revenue	-			-		839,228	**28, 48**	839,228	(839,228)	-
Total Water Revenue not Subject to CBFRR	21,454,981	(395,692)	(101,358)	20,957,931		839,228		21,797,159	(453,649)	21,343,510
City Bond Fixed Revenue Requirement (CBFRR) Revenue	-			-				-		-
Water Sales for Resale	11,151			11,151				11,151		11,151
Total Water Revenues	21,466,132	(395,692)	(101,358)	20,969,082		839,228		21,808,310	(453,649)	21,354,661
Other Operating Revenue	387,795			387,795				387,795		387,795
Total Operating Revenues	21,853,927	(395,692)	(101,358)	21,356,877		839,228		22,196,105	(453,649)	21,742,456
OPERATING EXPENSES										
O & M Expenses:										
Production Expense	4,571,620	(166,859)	(3,075)	4,401,686	**xiii'**			4,401,686		4,401,686
Transmission and Distribution Expense	1,887,527			1,887,527		(35,337)	**29**	1,852,190		1,852,190
Engineering Expense	1,110,550			1,110,550				1,110,550		1,110,550
Customer Account and Collection Expense	466,994			466,994				466,994		466,994
Administrative and General Expense	7,016,650			7,016,650		(119,764)	**30 - 33**	6,896,886		6,896,886
Inter-Division Management Fee	(2,337,295)			(2,337,295)		(188,926)	**34 - 37**	(2,526,221)		(2,526,221)
Total O & M Expenses	12,716,046	(166,859)	(3,075)	12,546,112		(344,027)		12,202,085	-	12,202,085
Property Tax Expense	4,265,457			4,265,457		52,535	**38**	4,317,992		4,317,992
Payroll Tax Expense	595,013			595,013		20,313	**39 - 40**	615,326		615,326
Gain from Forgiveness of SRF Debt	(53,925)			(53,925)				(53,925)		(53,925)
Depreciation Expense	3,531,696			3,531,696		3,336	**41**	3,535,032		3,535,032
Amortization of Acquisition Adjustment	(27,026)			(27,026)				(27,026)		(27,026)
Amortization - CIAC	(629,078)			(629,078)				(629,078)		(629,078)
Amortization Expense	(469,647)			(469,647)		6,818	**42 - 44**	(462,829)		(462,829)
Total Operating Expenses	19,928,536	(166,859)	(3,075)	19,758,602		(261,025)		19,497,577	-	19,497,577
Net Operating Income Before Income Tax	1,925,391	(228,833)	(98,283)	1,598,275		1,100,253		2,698,528	(453,649)	2,244,879
Income Tax Expense:										
NH Business Profits Tax Expense	(121,230)	(33,085)	5,280	(149,035)	**xxiii'**	93,997	**45, 49**	(55,038)	(38,560)	(93,598)
Federal Income Tax Expense	(476,739)	(66,554)	(35,211)	(578,504)	**xxiv'**	344,029	**46, 50**	(234,475)	(141,130)	(375,605)
Total Income Tax Expense	(597,969)	(99,639)	(29,931)	(727,539)		438,027		(289,512)	(179,690)	(469,203)
NET OPERATING INCOME - 5-YEAR AVERAGE	**$ 2,523,360**	**$ (129,194)**	**$ (68,352)**	**$ 2,325,814**		**$ 662,227**		**$ 2,988,041**	**$ (273,959)**	**$ 2,714,082**

Revenue Requirement - Original Rate Structure:		
Water Revenue not Subject to CBFRR		$ 21,343,510
City Bond Fixed Revenue Requirement (CBFRR) (Sch 3-Perm)		7,465,139
Total Revenue Requirement - Original Rate Structure		**$ 28,808,649**
Proposed Revenue Requirement - Modified Rate Structure:		
City Bond Fixed Revenue Requirement (CBFRR):		$ 7,729,032
Operating Expense Revenue Requirement (OERR):		
Total O & M Expenses	$ 12,202,085	
Property Tax Expense	4,317,992	
Payroll Tax Expense	615,326	
Amortization Expense	(462,829)	16,672,574
Debt Service Revenue Requirement (DSRR):		
Debt Service Requirement (Sch 1C-Perm)	4,462,778	
Debt Service Coverage Requirement x	1.1	4,909,056
Total Proposed Revenue Requirement - Modified Rate Structure		**$ 29,310,662**

DW 16-806
PENNICHUCK WATER WORKS, INC.
COMPANY PRO-FORMA OPERATING INCOME ACCOUNT BALANCE SUMMARY - 5-YEAR AVERAGE

Ref			
ix'	**Water Revenue not Subject to CBFRR - 5-Year Average**		
	Pro-forma Water Revenue not Subject to CBFRR - Permanent Rates per Company		$ 21,454,981
	Revenue Adj - 5-Year Average per Sch 1, Att A1 of Co's Original Filing		(395,692)
	Modification to Revenue Adj - 5-Year Average per Co's response to Staff DR 1-26		(102,212)
	Modification to Revenue Adj - 5-Year Average per Co's response to Staff Tech 1-2		854
	Net Pro-forma Water Revenue not Subject to CBFRR Adjustment - 5-Year Average per Company		(497,050)
	Pro-forma Water Revenue not Subject to CBFRR - 5-Year Average per Company		**$ 20,957,931**
xiii'	**Production Expense - 5-Year Average**		
	Pro-forma Production Expense - Permanent Rates per Company		$ 4,571,620
	Operating and Maintenance Adj A - 5-Year Average per Sch 1, Att B, Pg 1 of Co's Original Filing		(83,175)
	Operating and Maintenance Adj C - 5-Year Average per Sch 1, Att B, Pg 1 of Co's Original Filing		(43,064)
	Operating and Maintenance Adj E - 5-Year Average per Sch 1, Att B, Pg 1 of Co's Original Filing	$ (40,620)	
	Modification to Adj E - 5-Year Average per Co's response to Staff DR 1-29	(3,075) →	(43,695)
	Net Pro-forma Production Expense Adjustments - 5-Year Average per Company		(169,934)
	Pro-forma Production Expense - 5-Year Average per Company		**$ 4,401,686**
xxiii'	**NH Business Profits Tax Expense - 5-Year Average**		
	Pro-forma NH Business Profits Tax Expense - Permanent Rates per Company		$ (121,230)
	Income Tax Adj IA - 5-Year Average per Sch 1, Att G of Co's Original Filing		(33,085)
	Modification to Adj IA - 5-Year Average per Co's responses to Staff DR's - Set 1		5,207
	Modification to Adj IA - 5-Year Average per Co's responses to Staff Tech 1		73
	Net Pro-forma NH Business Profits Tax Expense Adjustments - 5-Year Average per Company		(27,805)
	Pro-forma NH Business Profits Tax Expense - 5-Year Average		**$ (149,035)**
xxiv'	**Federal Income Tax Expense - 5-Year Average**		
	Pro-forma Federal Income Tax Expense - Permanent Rates per Company		$ (476,739)
	Income Tax Adj IA - 5-Year Average per Sch 1, Att G of Co's Original Filing		(66,554)
	Modification to Adj IA - 5-Year Average per Co's responses to Staff DR's - Set 1		(35,477)
	Modification to Adj IA - 5-Year Average per Co's responses to Staff Tech 1		266
	Net Pro-forma Federal Income Tax Expense Adjustments - 5-Year Average per Company		(101,765)
	Pro-forma Federal Income Tax Expense - 5-Year Average		**$ (578,504)**

DW 16-806
PENNICHUCK WATER WORKS, INC.
STAFF PRO-FORMA OPERATING INCOME ADJUSTMENTS - 5-YEAR AVERAGE

Adj No.			
	PRO-FORMA ADJUSTMENTS - OPERATING REVENUES - 5-YEAR AVERAGE:		
	WATER REVENUES NOT SUBJECT TO CBFRR - 5-YEAR AVERAGE		
47	To modify Co's revenue pro-forma by removing TWD revenues already reflected in pro-forma test year per Staff Adj # 27.		$ (128,790)
	Total Adjustments - Water Revenues not Subject to CBFRR - 5-Year Average		**$ (128,790)**
	WICA SURCHARGE REVENUE - 5-YEAR AVERAGE		
48	To record reduction in pro-forma WICA Surcharge Revenue based on Co's 5-Yr Avg revenue pro-forma:		
	Co's pro-forma to reduce volumetric revenues per revised 1604.06 Sch 1, Att A1 ($(497,050) - $128,790)	$ (625,840)	
	WICA Surcharge % approved in DW 16-220 (Commission Order # 25,896 (05/09/16))	x 3.03%	$ (18,963)
	Total Adjustments - WICA Surcharge Revenue - 5-Year Average		**$ (18,963)**
	TOTAL OPERATING REVENUE ADJUSTMENTS PER STAFF - 5-YEAR AVERAGE		**$ (147,753)**
	PRO-FORMA ADJUSTMENTS - OPERATING EXPENSES - 5-YEAR AVERAGE:		
	NEW HAMPSHIRE BUSINESS PROFITS TAX (NHBPT) EXPENSE - 5-YEAR AVERAGE		
49	To adjust NHBPT pro-forma relative to Staff's Net Operating Revenue & Expense Adjustments - 5 Year Avg (See Sch 3Bii-5YAvg):		
	NHBPT - 5 Year Average per Sch 3Bii-5Y Avg	$ 93,997	
	Less: NHBPT - Permanent Rates per Sch 3Bii-Perm	(106,556)	$ (12,559)
	Total Adjustments - NHBPT Expense - 5-Year Average		**$ (12,559)**
	FEDERAL INCOME TAX (FIT) EXPENSE - 5-YEAR AVERAGE		
50	To adjust FIT pro-forma relative to Staff's Net Operating Revenue & Expense Adjustments - 5 Year Avg (See Sch 3Bii-5YAvg):		
	FIT - 5 Year Average per Sch 3Bii-5YAvg	$ 344,029	
	Less: FIT - 2016 Step Adjustment per Sch 3Bii-Step	(389,995)	$ (45,966)
	Total Adjustment - FIT Expense - 5-Year Average		**$ (45,966)**
	TOTAL OPERATING EXPENSE ADJUSTMENTS PER STAFF - 5-YEAR AVERAGE		**$ (58,525)**
	NET OPERATING INCOME ADJUSTMENTS PER STAFF - 5-YEAR AVERAGE		**$ (89,228)**
	NET OPERATING INCOME ADJUSTMENTS PER STAFF - PERMANENT RATES		**751,455**
	NET OPERATING INCOME ADJUSTMENTS PER STAFF - PERMANENT RATES / 5-YEAR AVERAGE		**$ 662,227**

DW 16-806
PENNICHUCK WATER WORKS, INC.
PRO-FORMA INCOME TAX EXPENSE - 5-YEAR AVERAGE

Operating Revenues - 5-Year Average:	
Total pro-forma adjustments - Water Revenue not Subject to CBFRR	$ -
Total pro-forma adjustments - WICA Surcharge Revenue	839,228
Total pro-forma adjustments - CBFRR Revenue	-
Total pro-forma adjustments - Water Sales for Resale	-
Total pro-forma adjustments - Other Operating Revenue	-
Total pro-forma adjust's b/f Income Tax Exp - Operating Revenues - 5-Year Average	839,228
Operating Expenses - 5-Year Average:	
Total pro-forma adjustments - Production Expense	-
Total pro-forma adjustments - Transmission and Distribution Expense	(35,337)
Total pro-forma adjustments - Engineering Expense	-
Total pro-forma adjustments - Customer Account and Collection Expense	-
Total pro-forma adjustments - Administrative & General Expense	(119,764)
Total pro-forma adjustments - Inter-Division Management Fee	(188,926)
Total pro-forma adjustments - Property Tax Expense	52,535
Total pro-forma adjustments - Payroll Tax Expense	20,313
Total pro-forma adjustments - Gain from Forgiveness SRF Debt	-
Total pro-forma adjustments - Depreciation Expense	3,336
Total pro-forma adjustments - Amortization of Acquisition Adjustment	-
Total pro-forma adjustments - Amortization-CIAC	-
Total pro-forma adjustments - Amortization Expense **(v)**	1,223
Net pro-forma adjust's b/f Income Tax Exp - Operating Expenses - 5-Year Average	(266,620)
Net Operating Income Adj's per Staff subject to NHBPT - 5-Year Average	1,105,848
New Hampshire Business Profits Tax @ 8.50%	93,997
Net Operating Income Adj's per Staff subject to FIT - 5-Year Average	1,011,851
Federal Income Tax @ 34.00%	344,029
Sub-total	667,822
Less: Staff Adj # 42 not included in tax calculation **(v)**	(5,595)
Net Pro-forma Operating Income Adjust's after Income Tax per Staff - 5-Year Average	**$ 662,227**

Notes:

(v) Two pro-forma adj's in the amount of $(5,595) relative to Amortization - CIAC are reflected in the Co's revised 1604.06 Sch 1. Staff reversed one of the Co's pro-formas via Staff Adj # 42. However, only one of the Co's pro-formas was adjusted for income taxes in its revised 1604.06 Sch 1, Att G. Therefore, Staff is eliminating Staff Adj # 42 for purposes of this income tax calculation:

Total pro-forma adjustments - Amortization Expense:	$ 6,818
Less: Staff Adj # 42:	(5,595)
Adjusted Staff pro-forma - Amortization Expense:	$ 1,223

DW 16-806
PENNICHUCK WATER WORKS, INC.
REPORT OF PROPOSED RATE CHANGES - 5-YEAR AVERAGE PERMANENT RATES
ORIGINAL RATE STRUCTURE

			Change in Annual Total Revenues						Change in 5-Yr Avg Permanent Rates			
Rate or Class of Service	Effect of Proposed Change	Average Number Customers	5-Year Avg Permanent Rate Revenues	5-Year Avg WICA Revenues	5-Year Avg Total Revenues	Calculated Revenues - 5-Yr Avg Perm	Change Amount	Change % Increase	Present 5-Year Avg Permanent Rates	Calculated 5-Year Avg Permanent Rates	Change Amount	Change % Increase
G-M	Increase	27,015	$ 22,715,984	$ 682,368	$ 23,398,352	$ 23,029,494	$ (368,858)	-1.58%	$ 22,715,984	$ 23,029,494	$ 313,510	1.38%
Private FP	Increase	830	1,058,281	31,790	1,090,071	1,072,887	(17,184)	-1.58%	1,058,281	1,072,887	14,606	1.38%
FP - Hydrants	Increase	5	3,075,100	92,373	3,167,473	3,117,540	(49,933)	-1.58%	3,075,100	3,117,540	42,440	1.38%
Anheuser-Busch Contract												
Contract Charges	No Increase	2	371,430	-	371,430	371,430	-	0.00%	371,430	371,430	-	0.00%
Volumetric Charges	Increase	-	407,619	12,245	419,864	413,245	(6,619)	-1.58%	407,619	413,245	5,626	1.38%
Milford Contract												
Contract Charges	No Increase	1	81,000	-	81,000	81,000	-	0.00%	81,000	81,000	-	0.00%
Volumetric Charges	Increase	-	59,634	1,791	61,425	60,457	(968)	-1.58%	59,634	60,457	823	1.38%
Hudson Contract												
Contract Charges	No Increase	1	32,800	-	32,800	32,800	-	0.00%	32,800	32,800	-	0.00%
Volumetric Charges	Increase	-	357,073	10,726	367,799	362,001	(5,798)	-1.58%	357,073	362,001	4,928	1.38%
Tyngsborough Contract												
Volumetric & Meter Charge	Increase	1	264,149	7,935	272,084	267,795	(4,289)	-1.58%	264,149	267,795	3,646	1.38%
		27,855	$ 28,423,070 (α')	$ 839,228 (β')	$ 29,262,298 (γ')	$ 28,808,648 (δ')	$ (453,649)	-1.55%	$ 28,423,070	$ 28,808,648	$ 385,578	1.36%

Notes:

(α') 5-Year Avg Present Permanent Rate Revenues:

Test Year Water Revenue not Subject to CBFRR (Sch 3-Perm, Col 1)	$ 21,454,981	
Add: Co Adj for increase in TWD Special Contract (See revised 1604.06 Sch 1, Att A1)	128,790	
Less: Co Adj to reflect 5-Year Avg usage (See revised 1604.06 Sch 1, Att A1)	(625,840)	
Test Year Pro-forma Water Revenue not Subject to CBFRR	20,957,931	
Add: City Bond Fixed Revenue Requirement (CBFRR) (Sch 3-Perm, Col 1)	7,465,139	$ 28,423,070

(β') Per Staff Adj # 28: Pro-forma WICA Surcharge Revenue (Sch 3Bi-Perm) 858,191
Less: Staff Adj # 52: To decrease WICA Rev relative to 5-Year Avg usage (Sch 3Bi-5YAvg) (18,963) 839,228

(γ') See Sch 1 - Original Rate Structure, Line 13 → Σ $ 29,262,298

(δ') Per Sch 1 - Original Rate Structure, Line 17

DW 16-806
PENNICHUCK WATER WORKS, INC.
REPORT OF PROPOSED RATE CHANGES - 5-YEAR AVERAGE PERMANENT RATES
MODIFIED RATE STRUCTURE

			Change in Annual Total Revenues						Change in 5-Yr Avg Permanent Rates			
Rate or Class of Service	Effect of Proposed Change	Average Number Customers	5-Year Avg Permanent Rate Revenues	5-Year Avg WICA Revenues	5-Year Avg Total Revenues	Proposed Revenues - 5-Yr Avg Perm	Proposed Change Amount	Proposed Change % Increase	Present 5-Year Avg Permanent Rates	Proposed 5-Year Avg Permanent Rates	Proposed Change Amount	Proposed Change % Increase
G-M	Increase	27,015	$ 22,715,984	$ 682,368	$ 23,398,352	$ 23,437,676	$ 39,324	0.17%	$ 22,715,984	$ 23,437,676	$ 721,692	3.18%
Private FP	Increase	830	1,058,281	31,790	1,090,071	1,091,903	1,832	0.17%	1,058,281	1,091,903	33,622	3.18%
FP - Hydrants	Increase	5	3,075,100	92,373	3,167,473	3,172,797	5,323	0.17%	3,075,100	3,172,797	97,697	3.18%
Anheuser-Busch Contract												
Contract Charges	No Increase	2	371,430	-	371,430	371,430	-	0.00%	371,430	371,430	-	0.00%
Volumetric Charges	Increase	-	407,619	12,245	419,864	420,569	706	0.17%	407,619	420,569	12,950	3.18%
Milford Contract												
Contract Charges	No Increase	1	81,000	-	81,000	81,000	-	0.00%	81,000	81,000	-	0.00%
Volumetric Charges	Increase	-	59,634	1,791	61,425	61,529	103	0.17%	59,634	61,529	1,895	3.18%
Hudson Contract												
Contract Charges	No Increase	1	32,800	-	32,800	32,800	-	0.00%	32,800	32,800	-	0.00%
Volumetric Charges	Increase	-	357,073	10,726	367,799	368,417	618	0.17%	357,073	368,417	11,344	3.18%
Tyngsborough Contract												
Volumetric & Meter Charge	Increase	1	264,149	7,935	272,084	272,541	457	0.17%	264,149	272,541	8,392	3.18%
		27,855	$ 28,423,070 (α')	$ 839,228 (β')	$ 29,262,298 (ε')	$ 29,310,661 (η')	$ 48,364	0.17%	$ 28,423,070	$ 29,310,661	$ 887,591	3.12%

Notes:

(α') 5-Year Avg Permanent Rate Revenues:

Test Year Water Revenue not Subject to CBFRR (Sch 3-Perm, Col 1)	$ 21,454,981	
Add: Co Adj for increase in TWD Special Contract (See revised 1604.06 Sch 1, Att A1)	128,790	
Less: Co Adj to reflect 5-Year Avg usage (See revised 1604.06 Sch 1, Att A1)	(625,840)	
Test Year Pro-forma Water Revenue not Subject to CBFRR	20,957,931	
Add: CBFRR - Original Rate Structure (Sch 3-Perm, Col 1)	7,465,139	$ 28,423,070

(β') Per Staff Adj # 28: Pro-forma WICA Surcharge Revenue (Sch 3Bi-Perm) 858,191
Less: Staff Adj # 52: To decrease WICA Rev relative to 5-Year Avg usage (Sch 3Bi-5YAvg) (18,963) 839,228

(ε') See Sch 1 - Modified Rate Structure, Line 13 → Σ $ 29,262,298

(η') Per Sch 1 - Modified Rate Structure, Line 10

DW 16-806
PENNICHUCK WATER WORKS, INC.
RATE BASE - STEP ADJUSTMENT

	Company Proposal (as revised per Co's Data Responses)					Staff Proposal		
	(1) Adj Rate Base - 5-Year Avg / Perm (Per Co's Revised Sch 3)	(2) Co Proforma Adj's - 2016 Step Increase (Per Company Filing - Sch 3)	(3) Perm Rate Adj Revisions per Co Responses to DR's	(4) Adj Rate Base - 2016 Step Increase (Per Co's Revised Sch 3)	(5) Co Pro-forma Bal Ref (Sch 2A)	(6) Staff Adjustments (Sch's 2B)	(7) Staff Adjustment # (Sch's 2B)	(8) Adjusted Rate Base Per Staff
Plant in Service	$ 135,572,896	$ 19,733,892	$ (2,909,087)	$ 152,397,701	**i"**	$ 44,334	**11, 23**	$ 152,442,035
Accumulated Depreciation	(47,911,178)		(2,611,969)	(50,523,147)	**ii"**	2,814,053	**12 - 15, 24**	(47,709,094)
Acquisition Adjustment	(844,905)			(844,905)				(844,905)
Accumulated Amortization Acq Adj	458,676			458,676				458,676
Contributions in Aid of Construction	(33,936,232)			(33,936,232)				(33,936,232)
Accumulated Amortization of CIAC	7,269,659			7,269,659		1,151	**16**	7,270,810
Net Plant in Service	60,608,916	19,733,892	(5,521,056)	74,821,752		2,859,538		77,681,290
Rate Stabilization Fund	4,987,046			4,987,046		1,033,640	**17, 25**	6,020,686
Cash Working Capital	1,519,216			1,519,216		(42,414)	**18**	1,476,802
Materials and Supplies	766,338			766,338				766,338
Prepaid Expenses	640,515			640,515				640,515
Unamortized Deferred Debits	8,894,186			8,894,186		10,252	**19 - 21**	8,904,438
Customer Advances	(84,000)			(84,000)				(84,000)
Customer Deposits	(153,001)			(153,001)				(153,001)
Deferred Income Tax	(19,648,150)			(19,648,150)				(19,648,150)
Deferred Tax Liability	(246,109)			(246,109)				(246,109)
Unamortized Investment Tax Credit	(586,224)			(586,224)				(586,224)
Other Deferred Credits	(27,353)			(27,353)				(27,353)
Deferred Credit - Rate Stabilization Fund (Net)	(494,949)		(533,526)	(1,028,475)	**vi"**	(257,118)	**22, 26**	(1,285,593)
Deferred Credit - Gain on SRF Loans	(895,690)			(895,690)				(895,690)
Unfunded FAS 106 and 158 Costs	(2,152,272)			(2,152,272)				(2,152,272)
NET RATE BASE - STEP ADJUSTMENT	**$ 53,128,469**	**$ 19,733,892**	**$ (6,054,582)**	**$ 66,807,779**		**$ 3,603,897**		**$ 70,411,676**

DW 16-806
PENNICHUCK WATER WORKS, INC.
COMPANY PRO-FORMA RATE BASE ACCOUNT BALANCE SUMMARY - STEP ADJUSTMENT

Ref				
i"	**Plant in Service - Step Adjustment**			
	Pro-forma Plant in Service - Permanent Rates per Company			$ 135,572,896
	2016 Plant Additions - Step Adjustment per Sch 3 - STEP Additions of Co's Original Filing	$ 20,865,578		
	Modification to 2016 Plant Additions - Step Adjustment per Co's response to Staff DR 1-69	406,570		
	Modification to 2016 Plant Additions - Step Adjustment per Co's response to Staff Tech 1-30	(1,106,505)		
	Modification to 2016 Plant Additions - Step Adjustment per revised 1604.06 Sch 3 - STEP Additions provided with Co's responses to Staff DR's - Set 3	(2,209,152)	→	17,956,491
	2016 Plant Retirements - Step Adjustment per Sch 3, Att A - STEP of Co's Original Filing			(1,131,686)
	Net Pro-forma Plant in Service Adjustments - Step Adjustment per Company			16,824,805
	Pro-forma Plant in Service - Step Adjustment per Company			**$ 152,397,701**
ii"	**Accumulated Depreciation - Step Adjustment**			
	Pro-forma Accumulated Depreciation - Permanent Rates per Company			$ (47,911,178)
	Accumulated Depreciation Adj IIA - Step Adjustment per revised 1604.06 Sch 3, Att C provided in response to Staff DR 1-48	$ (329,523)		
	Modification to Adj IIA - Step Adjustment in response to Staff Tech 1-30	(263,681)		
	Modification to Adj IIA - Step Adjustment per revised 1604.06 Sch 3, Att C provided with responses to Staff DR's - Set 3	(6,273)	→	(599,477)
	Accumulated Depreciation Adj IIB - Step Adjustment per revised 1604.06 Sch 3, Att C provided with responses to Staff Tech 1	(2,016,564)		
	Modification to Depreciation Adj IIB - Step Adjustment per revised Sch 3, Att C provided with responses to Staff DR's - Set 3	4,072	→	(2,012,492)
	Net Pro-forma Accumulated Depreciation Adjustments - Step Adjustment per Company			(2,611,969)
	Pro-forma Accumulated Depreciation - Step Adjustment per Company			**$ (50,523,147)**
vi"	**Deferred Credit - Rate Stabilization Fund - Step Adjuustment**			
	Pro-forma Deferred Credit - Rate Stabilization Fund - Permanent Rates per Company			$ (494,949)
	Deferred Credit Adj IA - Step Adjustment per revised 1604.06 Sch 3, Att F provided with responses to Staff DR's - Set 1			(509,650)
	Modification to Adj IA - Step Adjustment per Co's response to Staff Tech 1-25			(23,876)
	Pro-forma Deferred Credit - Rate Stabilization Fund - Step Adjustment per Company			**$ (1,028,475)**

DW 16-806
PENNICHUCK WATER WORKS, INC.
STAFF PRO-FORMA RATE BASE ADJUSTMENTS - STEP ADJUSTMENT

Adj No.				
	PLANT IN SERVICE - STEP ADJUSTMENT			
23	To adjust 2016 plant additions eligible for step adjustment (See Sch 9):			
	2016 plant additions traditionally eligible for step adjustment per Staff (Sch 9)		$19,018,011	
	Less: Management Fee allocation of New Distribution Facility per Staff (Sch 9)		(2,168,431)	
	Net Increase in Plant in Service per Staff		16,849,580	
	Less: Net increase in 2016 plant additions per Co (See Co's revised 1604.06 Sch 3)		(16,824,805)	$ 24,775
	Total Adjustments - Plant in Service - Step Adjustment			**$ 24,775**
	ACCUMULATED DEPRECIATION - STEP ADJUSTMENT			
24	To adjust accumulated depreciation relative to 2016 plant add's and disp's eligible for step adjustment (See Sch's 9 and 10):			
	Increase in accumulated depreciation from 2016 plant additions per Staff (Sch 9)	$ (222,184)		
	Less: Management Fee allocation to affiliates of New Distribution Facility per Staff (Sch 9)	24,005	$ (198,179)	
	Increase in accumulated depreciation from net proceeds of sale of Will Street facility (Sch 10)	(702,442)		
	Less: Management Fee allocation to affiliates of Will Street Facility per Staff (Sch 10)	197,667	(504,775)	
	Total increase in Accumulated Depreciation from 2016 asset additions and disposals		(702,954)	
	Less: Increase in accum deprec from 2016 plant add's and disp's per Co (rev.1604.06 Sch 3, Att C, Adj's IIA & IIB)		2,611,969	$ 1,909,015
	Total Adjustments - Accumulated Depreciation - Step Adjustment			**$ 1,909,015**
	RATE STABILIZATION FUND - STEP ADJUSTMENT			
25	To adjust balance of Rate Stabilization Fund-Step to Test Year Average (See Sch 5-Step):			
	Rate Stabilization Fund-Step - Test Year Average (Sch 5-Step)		$ 6,020,686	
	Less: Rate Stabilization Fund-Perm - Test Year Average (Sch 5-Perm)		(5,363,435)	$ 657,251
	Total Adjustments - Rate Stabilization Fund - Step Adjustment			**$ 657,251**
	DEFERRED CREDIT - RATE STABILIZATION FUND-STEP (Net of Amortization) - STEP ADJUSTMENT			
26	To adjust balance of Deferred Credit-RSF-Step (Net) to Test Year Average (See Sch 5-Step):			
	Pro-forma Deferred Credit-RSF-Step (Net) - 13-Month Average (Sch 5-Step)		$ (1,285,593)	
	Less: Deferred Credit-RSF-Perm (Net) - 13-Month Average per Co (Sch 5-Perm)		618,686	
	Less: Deferred Credit Adj IA (Step) per revised 1604.06 Sch 3, Att F		533,526	$ (133,382)
	Total Adjustments - Deferred Credit - RSF - Step Adjustment			**$ (133,382)**
	NET RATE BASE ADJUSTMENTS PER STAFF - STEP ADJUSTMENT			**$ 2,457,659**
	NET RATE BASE ADJUSTMENTS PER STAFF - PERMANENT RATES / 5-YEAR AVERAGE			**1,146,237**
	NET RATE BASE ADJUSTMENTS PER STAFF - PERMANENT RATES / 5-YEAR AVERAGE / STEP ADJUSTMENT			**$ 3,603,897**

DW 16-806
PENNICHUCK WATER WORKS, INC.
OPERATING INCOME STATEMENT - STEP ADJUSTMENT

	Company Proposal (as revised per Co's Data Responses)					Staff Proposal				
	(1) Adj Oper Income - 5-Yr Avg / Perm (Per Co's Revised Sch 1)	(2) Co Proforma Adj's - 2016 Step Increase (Per Company Filing - Sch 1)	(3) Perm Rate Adj Revisions per Co Responses to DR's	(4) Adj Oper Income - 2016 Step Increase (Per Co's Revised Sch 1)	(5) Co Pro-forma Bal Ref (Sch 3A)	(6) Staff Adjustments (Sch's 3B)	(7) Staff Adjustment # (Sch's 3B)	(8) Pro-forma Operating Income Per Staff	(9) Revenue Deficiency - Approved Methodology	(10) Revenue Requirement - Approved Methodology
OPERATING REVENUES										
Water Revenues:										
Water Revenue not Subject to CBFRR	$ 20,957,931			$ 20,957,931		$ -	**27, 47**	$ 20,957,931	$ 2,134,517	$ 23,092,448
Add:WICA Surcharge Revenue	-			-		839,228	**28, 48**	839,228	(839,228)	-
Total Water Revenue not Subject to CBFRR	20,957,931	-	-	20,957,931		839,228		21,797,159	1,295,289	23,092,448
City Bond Fixed Revenue Requirement (CBFRR) Revenue	-			-				-		-
Water Sales for Resale	11,151			11,151				11,151		11,151
Total Water Revenues	20,969,082	-	-	20,969,082		839,228		21,808,310	1,295,289	23,103,599
Other Operating Revenue	387,795			387,795				387,795		387,795
Total Operating Revenues	21,356,877	-	-	21,356,877		839,228		22,196,105	1,295,289	23,491,394
OPERATING EXPENSES										
O & M Expenses:										
Production Expense	4,401,686			4,401,686				4,401,686		4,401,686
Transmission and Distribution Expense	1,887,527			1,887,527		(35,337)	**29**	1,852,190		1,852,190
Engineering Expense	1,110,550			1,110,550				1,110,550		1,110,550
Customer Account and Collection Expense	466,994			466,994				466,994		466,994
Administrative and General Expense	7,016,650			7,016,650		(119,764)	**30 - 33**	6,896,886		6,896,886
Inter-Division Management Fee	(2,337,295)			(2,337,295)		(188,926)	**34 - 37**	(2,526,221)		(2,526,221)
Total O & M Expenses	12,546,112	-	-	12,546,112		(344,027)		12,202,085	-	12,202,085
Property Tax Expense	4,265,457	598,028	(5,701)	4,857,784	**xix"**	(20,403)	**38, 51**	4,837,381		4,837,381
Payroll Tax Expense	595,013			595,013		20,313	**39 - 40**	615,326		615,326
Gain from Forgiveness of SRF Debt	(53,925)			(53,925)				(53,925)		(53,925)
Depreciation Expense	3,531,696	581,893	(94,155)	4,019,434	**xx"**	(114,705)	**41, 52**	3,904,729		3,904,729
Amortization of Acquisition Adjustment	(27,026)			(27,026)				(27,026)		(27,026)
Amortization - CIAC	(629,078)			(629,078)				(629,078)		(629,078)
Amortization Expense	(469,647)		(266,764)	(736,411)	**xxii"**	6,818	**42 - 44**	(729,593)		(729,593)
Total Operating Expenses	19,758,602	1,179,921	(366,620)	20,571,903		(452,004)		20,119,899	-	20,119,899
Net Operating Income Before Income Tax	1,598,275	(1,179,921)	366,620	784,974		1,291,232		2,076,206	1,295,289	3,371,495
Income Tax Expense:										
NH Business Profits Tax Expense	(149,035)	(86,659)	17,528	(218,166)	**xxiii"**	110,230	**45, 49, 53**	(107,936)	110,100	2,164
Federal Income Tax Expense	(578,504)	(371,710)	118,691	(831,523)	**xxiv"**	403,443	**46, 50, 54**	(428,080)	402,964	(25,116)
Total Income Tax Expense	(727,539)	(458,369)	136,219	(1,049,689)		513,673		(536,016)	513,064	(22,952)
NET OPERATING INCOME - STEP ADJUSTMENT	**$ 2,325,814**	**$ (721,552)**	**$ 230,401**	**$ 1,834,663**		**$ 777,559**		**$ 2,612,222**	**$ 782,225**	**$ 3,394,447**

Revenue Requirement - Original Rate Structure:

Water Revenue not Subject to CBFRR		$ 23,092,448
City Bond Fixed Revenue Requirement (CBFRR) (Sch 3-Perm)		7,465,139
Total Revenue Requirement - Original Rate Structure		**$ 30,557,587**

Proposed Revenue Requirement - Modified Rate Structure:

City Bond Fixed Revenue Requirement (CBFRR):		$ 7,729,032
Operating Expense Revenue Requirement (OERR):		
Total O & M Expenses	$ 12,202,085	
Property Tax Expense*	4,839,426	
Payroll Tax Expense	615,326	
Amortization Expense	(729,593)	16,927,243
(*See Staff Adj # 1 - Sch 1 - Modified)		
Debt Service Revenue Requirement (DSRR):		
Debt Service Requirement (Sch 1C-Step)	6,218,648	
Debt Service Coverage Requirement x	1.1	6,840,513
Total Proposed Revenue Requirement - Modified Rate Structure		**$ 31,496,788**

DW 16-806
PENNICHUCK WATER WORKS, INC.
COMPANY PRO-FORMA OPERATING INCOME ACCOUNT BALANCE SUMMARY - STEP ADJUSTMENT

Ref			
xix"	**Property Tax Expense - Step Adjustment**		
	Pro-forma Property Tax Expense - Permanent Rates per Company		$ 4,265,457
	Property Tax Expense - Step Adjustment on 2016 Plant Additions per Sch 3 - STEP Additions of Co's Original Filing	$ 607,260	
	Modification to Property Tax Expense - Step Adjustment per Co's response to Staff DR 1-72	307	
	Modification to Property Tax Expense - Step Adjustment per Co's response to Staff Tech 1-30	(110)	
	Modification to Property Tax Expense - Step Adjustment per Co's revised 1604.06 Sch 3 - STEP Additions provided with responses to Staff DR's - Set 3	(5,898) →	601,559
	Property Tax Expense - Step Adjustment on 2016 Plant Retirements per Sch 3, Att A - STEP		(9,232)
	Net Pro-forma Property Tax Expense Adjustments - Step Adjustment per Company		592,327
	Pro-forma Property Tax Expense - Step Adjustment per Company		**$ 4,857,784**
xx"	**Depreciation Expense - Step Adjustment**		
	Pro-forma Depreciation Expense - Permanent Rates per Company		$ 3,531,696
	Depreciation Expense - Step Adjustment on 2016 Plant Additions per Sch 3 - STEP Additions of Co's Original Filing	$ 669,365	
	Modification to Depreciation Expense - Step Adjustment per Co's response to Staff DR's 1-69 and 1-70	(10,319)	
	Modification to Depreciation Expense - Step Adjustment per Co's response to Staff Tech 1-30	(65,842)	
	Modification to Depreciation Expense - Step Adjustment per Co's revised 1604.06 Sch 3 - STEP Additions provided with responses to Staff DR's - Set 3	(58,425) →	534,779
	Depreciation Expense - Step Adjustment on 2016 Plant Retirements per Sch 3, Att A - STEP	(87,472)	
	Modification to Depreciation Expense - Step Adjustment per Co's response to Staff DR 1-74	40,431 →	(47,041)
	Net Pro-forma Depreciation Expense Adjustments - Step Adjustment per Company		487,738
	Pro-forma Depeciation Expense - Step Adjustment per Company		**$ 4,019,434**
xxii'	**Amortization Expense - Step Adjustment**		
	Pro-forma Amortization Expense - Permanent Rates per Company		$ (469,647)
	Amortization Adj IE - Step Adjustment per revised 1604.06 Sch 1, Att F provided with responses to Staff DR's - Set 1		(254,825)
	Modification to Adj IE - Step Adjustment per Co's response to Staff Tech 1-25		(11,939)
	Net Pro-forma Amortization Expense Adjustments - Step Adjustment per Company		(266,764)
	Pro-forma Amortization Expense - Step Adjustment per Company		**$ (736,411)**
xxiii'	**NH Business Profits Tax Expense - Step Adjustment**		
	NH Business Profits Tax Expense - 5-Year Average		$ (149,035)
	Income Tax Adj IA - Step Adjustment per Sch 1, Att G of Co's Original Filing		(86,659)
	Modification to Adj IA - Step Adjustment per Co's responses to Staff DR's - Set 1		(16,220)
	Modification to Adj IA - Step Adjustment per Co's responses to Staff Tech 1		28,281
	Modification to Adj IA - Step Adjustment per Co's responses to Staff DR's - Set 3		5,467
	Net Pro-forma NH Business Profits Tax Expense Adjustments - Step Adjustment per Company		(69,131)
	Pro-forma NH Business Profits Tax Expense - Step Adjustment		**$ (218,166)**
xxiv'	**Federal Income Tax Expense - Step Adjustment**		
	Federal Income Tax Expense - 5-Year Average		$ (578,504)
	Income Tax Adj IA - Step Adjustment per Sch 1, Att G of Co's Original Filing		(371,710)
	Modification to Adj IA - Step Adjustment per Co's responses to Staff DR's - Set 1		(4,827)
	Modification to Adj IA - Step Adjustment per Co's responses to Staff Tech 1		103,508
	Modification to Adj IA - Step Adjustment per Co's responses to Staff DR's - Set 3		20,010
	Net Pro-forma Federal Income Tax Expense Adjustments - Step Adjustment per Company		(253,019)
	Pro-forma Federal Income Tax Expense - Step Adjustment		**$ (831,523)**

DW 16-806
PENNICHUCK WATER WORKS, INC.
STAFF PRO-FORMA OPERATING INCOME ADJUSTMENTS - STEP ADJUSTMENT

Adj No.				
	PROPERTY TAX EXPENSE - STEP ADJUSTMENT			
51	To adjust Property Tax Expense relative to 2016 plant additions and retirements eligible for step adj per Staff (See Sch's 9 and 10):			
	Property Tax Expense on 2016 Plant Additions traditionally eligible for step adj per Staff (Sch 9)		$ 527,130	
	Property Tax Expense on 2016 Plant Retirements traditionally eligible for step adj per Staff (Sch 10)		(7,741)	
	Net Increase in Property Tax Expense on 2016 additions & retirements traditionally eligible for step adj per Staff		519,389	
	Less: Property Tax Expense adj on 2016 plant additions and retirements per Co (See revised 1604.06 Sch 1)		(592,327)	(72,938)
	Total Adjustments - Property Tax Expense - Step Adjustment			**$ (72,938)**
	DEPRECIATION EXPENSE - STEP ADJUSTMENT			
52	To adjust Depreciation Exp relative to 2016 plant add's & retire's traditionally eligible for step adj per Staff (See Sch's 9 and 10):			
	Depreciation Expense on 2016 Plant Additions traditionally eligible for step adj per Staff (Sch 9)	$ 444,367		
	Less: Management fee allocation on New Distribution Facility per Staff (Sch 9)	(58,228)	$ 386,139	
	Depreciation Expense on 2016 plant retirements traditionally eligible for step adj per Staff (Sch 10)	(23,151)		
	Less: Management fee allocation on Will Street Facility per Staff (Sch 10)	6,710	(16,441)	
	Net Increase in Depreciation Exp on 2016 plant add's & retire's traditionally eligible for step adj per Staff		369,698	
	Less: Depreciation Expense adj on 2016 plant additions and retirements per Co (See revised 1604.06 Sch 1)		(487,738)	$ (118,040)
	Total Adjustments - Depreciation Expense - Step Adjustment			**$ (118,040)**
	NEW HAMPSHIRE BUSINESS PROFITS TAX (NHBPT) EXPENSE - STEP ADJUSTMENT			
53	To adjust NHBPT pro-forma relative to Staff's Net Operating Revenue & Expense Adjustments - Step (Sch 3Bii-Step):			
	NHBPT - 2016 Step Adjustment per Sch 3Bii-Step		$ 110,230	
	Less: NHBPT - Permanent Rates per Sch 3Bii-5YAvg		(93,997)	$ 16,233
	Total Adjustments - NHBPT Expense - Step Adjustment			**$ 16,233**
	FEDERAL INCOME TAX (FIT) EXPENSE - STEP ADJUSTMENT			
54	To adjust FIT pro-forma relative to Staff's Net Operating Revenue & Expense Adjustments - Step (Sch 3Bii-Step):			
	NHBPT - 2016 Step Adjustment per Sch 3Bii-Step		$ 403,443	
	Less: NHBPT - Permanent Rates per Sch 3Bii-5YAvg		(344,029)	$ 59,413
	Total Adjustment - FIT Expense - Step Adjustment			**$ 59,413**
	NET OPERATING INCOME ADJUSTMENTS PER STAFF - STEP ADJUSTMENT			**$ 115,332**
	NET OPERATING INCOME ADJUSTMENTS PER STAFF - PERMANENT RATES / 5-YEAR AVERAGE			**662,227**
	NET OPERATING INCOME ADJUSTMENTS PER STAFF - PERMANENT RATES / 5-YEAR AVERAGE / STEP ADJUSTMENT			**$ 777,559**

DW 16-806
PENNICHUCK WATER WORKS, INC.
PRO-FORMA INCOME TAX EXPENSE - STEP ADJUSTMENT

Operating Revenues - Step Adjustment:	
Total pro-forma adjustments - Water Revenue not Subject to CBFRR	$ -
Total pro-forma adjustments - WICA Surcharge Revenue	839,228
Total pro-forma adjustments - CBFRR Revenue	-
Total pro-forma adjustments - Water Sales for Resale	-
Total pro-forma adjustments - Other Operating Revenue	-
Total pro-forma adjust's b/f Income Tax Exp - Operating Revenues - Step Adjustment	839,228
Operating Expenses - Step Adjustment:	
Total pro-forma adjustments - Production Expense	-
Total pro-forma adjustments - Transmission and Distribution Expense	(35,337)
Total pro-forma adjustments - Engineering Expense	-
Total pro-forma adjustments - Customer Account and Collection Expense	-
Total pro-forma adjustments - Administrative & General Expense	(119,764)
Total pro-forma adjustments - Inter-Division Management Fee	(188,926)
Total pro-forma adjustments - Property Tax Expense	(20,403)
Total pro-forma adjustments - Payroll Tax Expense	20,313
Total pro-forma adjustments - Gain from Forgiveness SRF Debt	-
Total pro-forma adjustments - Depreciation Expense	(114,705)
Total pro-forma adjustments - Amortization of Acquisition Adjustment	-
Total pro-forma adjustments - Amortization-CIAC	-
Total pro-forma adjustments - Amortization Expense **(v)**	1,223
Net pro-forma adjust's b/f Income Tax Exp - Operating Expenses - Step Adjustment	(457,599)
Net Operating Income Adj's per Staff subject to NHBPT - Step Adjustment	1,296,827
New Hampshire Business Profits Tax @ 8.50%	110,230
Net Operating Income Adj's per Staff subject to FIT - Step Adjustment	1,186,597
Federal Income Tax @ 34.00%	403,443
Sub-total	783,154
Less: Staff Adj # 42 not included in tax calculation **(v)**	(5,595)
Net Pro-forma Operating Income Adjust's after Income Tax per Staff - Step Adjustment	**$ 777,559**

Notes:

(v) Two pro-forma adj's in the amount of $(5,595) relative to Amortization - CIAC are reflected in the Co's revised 1604.06 Sch 1. Staff reversed one of the Co's pro-formas via Staff Adj # 42. However, only one of the Co's pro-formas was adjusted for income taxes in its revised 1604.06 Sch 1, Att G. Therefore, Staff is eliminating Staff Adj # 42 for purposes of this income tax calculation:

Total pro-forma adjustments - Amortization Expense:	$ 6,818
Less: Staff Adj # 42:	(5,595)
Adjusted Staff pro-forma - Amortization Expense:	$ 1,223

DW 16-806
PENNICHUCK WATER WORKS, INC.
REPORT OF PROPOSED RATE CHANGES - 5-YEAR AVERAGE PERMANENT RATES w/ 2016 STEP ADJUSTMENT
ORIGINAL RATE STRUCTURE

			Change in Annual Total Revenues						Change in 5-Yr Avg Permanent Rates w/ Step Adjustment			
Rate or Class of Service	Effect of Proposed Change	Average Number Customers	5-Year Avg Permanent Rate Revenues	5-Year Avg WICA Revenues	5-Year Avg Total Revenues	Calculated Rev's - 5-Yr Avg Perm Rts w/ Step	Change Amount	Change % Increase	5-Year Avg Permanent Rate Revenues	Calculated Rev's - 5-Yr Avg Perm Rts w/ Step	Change Amount	Change % Increase
G-M	Increase	27,015	$ 22,715,984	$ 682,368	$ 23,398,352	$ 24,451,538	$ 1,053,187	4.50%	$ 22,715,984	$ 24,451,538	$ 1,735,554	7.64%
Private FP	Increase	830	1,058,281	31,790	1,090,071	1,139,136	49,065	4.50%	1,058,281	1,139,136	80,855	7.64%
FP - Hydrants	Increase	5	3,075,100	92,373	3,167,473	3,310,045	142,572	4.50%	3,075,100	3,310,045	234,945	7.64%
Anheuser-Busch Contract												
Contract Charges	No Increase	2	371,430	-	371,430	371,430	-	0.00%	371,430	371,430	-	0.00%
Volumetric Charges	Increase	-	407,619	12,245	419,864	438,762	18,899	4.50%	407,619	438,762	31,143	7.64%
Milford Contract												
Contract Charges	No Increase	1	81,000	-	81,000	81,000	-	0.00%	81,000	81,000	-	0.00%
Volumetric Charges	Increase	-	59,634	1,791	61,425	64,190	2,765	4.50%	59,634	64,190	4,556	7.64%
Hudson Contract												
Contract Charges	No Increase	1	32,800	-	32,800	32,800	-	0.00%	32,800	32,800	-	0.00%
Volumetric Charges	Increase	-	357,073	10,726	367,799	384,354	16,555	4.50%	357,073	384,354	27,281	7.64%
Tyngsborough Contract												
Volumetric & Meter Charge	Increase	1	264,149	7,935	272,084	284,331	12,247	4.50%	264,149	284,331	20,182	7.64%
		27,855	$ 28,423,070 (α')	$ 839,228 (β')	$ 29,262,298 (γ'')	$ 30,557,586 (δ'')	$ 1,295,289	4.43%	$ 28,423,070	$ 30,557,586	$ 2,134,516	7.51%

Notes:

(α') 5-Year Avg Permanent Rate Revenues:

Test Year Water Revenue not Subject to CBFRR (Sch 3-Perm, Col 1)	$ 21,454,981	
Add: Co Adj for increase in TWD Special Contract (See revised 1604.06 Sch 1, Att A1)	128,790	
Less: Co Adj to reflect 5-Year Avg usage (See revised 1604.06 Sch 1, Att A1)	(625,840)	
Test Year Pro-forma Water Revenue not Subject to CBFRR	20,957,931	
Add: City Bond Fixed Revenue Requirement (CBFRR) (Sch 3-Perm, Col 1)	7,465,139	$ 28,423,070

(β') Per Staff Adj # 28: Pro-forma WICA Surcharge Revenue (Sch 3Bi-Perm) 858,191
Less: Staff Adj # 52: To decrease WICA Rev relative to 5-Year Avg usage (Sch 3Bi-5YAvg) (18,963) 839,228

(γ'') See Sch 1 - Original Rate Structure, Line 13 → Σ $ 29,262,298

DW 16-806
PENNICHUCK WATER WORKS, INC.
REPORT OF PROPOSED RATE CHANGES - 5-YEAR AVERAGE PERMANENT RATES w/ 2016 STEP ADJUSTMENT
MODIFIED RATE STRUCTURE

			Change in Annual Total Revenues						Change in 5-Yr Avg Permanent Rates w/ Step Adjustment			
Rate or Class of Service	Effect of Proposed Change	Average Number Customers	5-Year Avg Permanent Rate Revenues	5-Year Avg WICA Revenues	5-Year Avg Total Revenues	Total Proposed Rev's - 5-Yr Avg Perm Rts w/ Step	Proposed Change Amount	Proposed Change % Increase	5-Year Avg Permanent Rate Revenues	Total Proposed Rev's - 5-Yr Avg Perm Rts w/ Step	Proposed Change Amount	Proposed Change % Increase
G-M	Increase	27,015	$ 22,715,984	$ 682,368	$ 23,398,352	$ 25,215,194	$ 1,816,842	7.76%	$ 22,715,984	$ 25,215,194	$ 2,499,210	11.00%
Private FP	Increase	830	1,058,281	31,790	1,090,071	1,174,713	84,642	7.76%	1,058,281	1,174,713	116,432	11.00%
FP - Hydrants	Increase	5	3,075,100	92,373	3,167,473	3,413,422	245,949	7.76%	3,075,100	3,413,422	338,322	11.00%
Anheuser-Busch Contract												
Contract Charges	No Increase	2	371,430	-	371,430	371,430	-	0.00%	371,430	371,430	-	0.00%
Volumetric Charges	Increase	-	407,619	12,245	419,864	452,465	32,602	7.76%	407,619	452,465	44,846	11.00%
Milford Contract												
Contract Charges	No Increase	1	81,000	-	81,000	81,000	-	0.00%	81,000	81,000	-	0.00%
Volumetric Charges	Increase	-	59,634	1,791	61,425	66,195	4,770	7.76%	59,634	66,195	6,561	11.00%
Hudson Contract												
Contract Charges	No Increase	1	32,800	-	32,800	32,800	-	0.00%	32,800	32,800	-	0.00%
Volumetric Charges	Increase	-	357,073	10,726	367,799	396,358	28,559	7.76%	357,073	396,358	39,285	11.00%
Tyngsborough Contract												
Volumetric & Meter Charge	Increase	1	264,149	7,935	272,084	293,211	21,127	7.76%	264,149	293,211	29,062	11.00%
		27,855	$ 28,423,070 (α')	$ 839,228 (β')	$ 29,262,298 (ε'')	$ 31,496,788 (η'')	$ 2,234,490	7.64%	$ 28,423,070	$ 31,496,788	$ 3,073,718	10.81%

Notes:

(α') 5-Year Avg Present Permanent Rate Revenues:

Test Year Water Revenue not Subject to CBFRR (Sch 3-Perm, Col 1)	$ 21,454,981	
Add: Co Adj for increase in TWD Special Contract (See revised 1604.06 Sch 1, Att A1)	128,790	
Less: Co Adj to reflect 5-Year Avg usage (See revised 1604.06 Sch 1, Att A1)	(625,840)	
Test Year Pro-forma Water Revenue not Subject to CBFRR	20,957,931	
Add: CBFRR - Original Rate Structure (Sch 3-Perm, Col 1)	7,465,139	$ 28,423,070

(β') Per Staff Adj # 28: Pro-forma WICA Surcharge Revenue (Sch 3Bi-Perm) 858,191
Less: Staff Adj # 52: To decrease WICA Rev relative to 5-Year Avg usage (Sch 3Bi-5YAvg) (18,963) 839,228

(ε'') See Sch 1 - Modified Rate Structure, Line 13 → **Σ** $ 29,262,298

(η'') Per Sch 1 - Modified Rate Structure, Line 10

DW 16-806
PENNICHUCK WATER WORKS, INC.
RATE STABILIZATION FUND (RSF) - STEP ADJUSTMENT

	RSF before Interco Loans	Interco Loans	RSF
12/31/15	$ 5,742,423	$ (12,954)	$ 5,729,469
01/31/16	5,637,141	(12,954)	5,624,187
02/28/16	5,479,155	(12,954)	5,466,201
03/31/16	5,502,188	(12,954)	5,489,234
04/30/16	5,502,188	(12,954)	5,489,234
05/31/16	5,447,448	(12,954)	5,434,494
06/30/16	5,688,934	(12,954)	5,675,980
07/31/16	6,170,514	(12,954)	6,157,560
08/31/16	6,549,069	(12,954)	6,536,115
09/30/16	6,750,115	(12,954)	6,737,161
10/31/16	6,775,976	(12,954)	6,763,022
11/30/16	6,649,456	(12,954)	6,636,502
12/31/16	6,542,712	(12,954)	6,529,758
Average	**$ 6,033,640**	**$ (12,954)**	**$ 6,020,686**

Annual Amortization of RSF Credit - Step Adjustment:

RSF @ 12/31/15		$ 6,542,712	
Less: Initial RSF		(5,000,000)	
RSF Credit		$ 1,542,712	
Amortization Period	÷	3	Years
Annual Amortization		**$ 514,237**	

Deferred Credit - RSF - Step Adjustment:

Month 1	$ 1,542,712
Month 2	1,499,859
Month 3	1,457,006
Month 4	1,414,153
Month 5	1,371,300
Month 6	1,328,446
Month 7	1,285,593
Month 8	1,242,740
Month 9	1,199,887
Month 10	1,157,034
Month 11	1,114,181
Month 12	1,071,328
Month 13	1,028,475
Average	**$ 1,285,593**

Pennichuck Water Works, Inc.
Asset Additions
For the Twelve Months Ended December 31, 2015

Asset ID	Asset Description	In Service	Month in Service	Book Cost	Years	Months	Monthly Deprec Rate	Half Yr Dep	NRPA - Settlement Agreement in DW13-130	13-Mo Avg Accum Depr (Actual)	Adj to reflect Full-Year Depr Exp	13-Mo Avg Accum Depr - Full-Year Exp	Full-Year Depr Exp	Adj to reflect Year-end A/D for NRPA
20000-017592	Trailside Drive (#5): Amherst - 1" CT Service	01/01/2015	1	1,332.06	42	9	2.60	15.58	N/A - CIAC	7.79	7.79	15.58	31.16	-
20000-017634	Trailside Drive (#7): Amherst - 1" CT Service	02/01/2015	2	1,332.06	42	9	2.60	15.58	N/A - CIAC	7.19	7.19	14.38	31.16	-
20000-018058	Vale Ct (#1): Amherst - 1" Developer Installed Services - CIAC	07/01/2015	7	1,358.21	42	9	2.65	15.89	N/A - CIAC	4.28	4.28	8.55	31.77	-
20000-018064	Scottie Way (#5): Amherst - 1" Developer Installed Services - CIAC	07/01/2015	7	1,906.72	42	9	3.72	22.30	N/A - CIAC	6.00	6.00	12.01	44.60	-
20000-018066	Scottie Way (#7): Amherst - 1" Developer Installed Services - CIAC	07/01/2015	7	1,906.72	42	9	3.72	22.30	N/A - CIAC	6.00	6.00	12.01	44.60	-
20000-018181	Founders Way (#2): Amherst - 1" Developer Installed Services - CIAC	09/01/2015	9	1,475.20	42	9	2.88	17.25	N/A - CIAC	3.32	3.32	6.64	34.51	-
20000-018197	Potters Way (#1): Amherst - 1 Developer Installed Services - CIAC	09/01/2015	9	1,358.21	42	9	2.65	15.89	N/A - CIAC	3.05	3.05	6.11	31.77	-
20000-018205	Trailside Dr (#15): Amherst - 1 Developer Installed Services - CIAC	09/01/2015	9	1,358.21	42	9	2.65	15.89	N/A - CIAC	3.05	3.05	6.11	31.77	-
20000-018207	Trailside Dr (#21): Amherst - 1 Developer Installed Services - CIAC	09/01/2015	9	1,358.21	42	9	2.65	15.89	N/A - CIAC	3.05	3.05	6.11	31.77	-
20000-018225	Thornton Ferry Rd (#2): Amherst - 1 Developer Installed Services - CIAC	09/01/2015	9	1,906.72	42	9	3.72	22.30	N/A - CIAC	4.29	4.29	8.58	44.60	-
20000-018416	Trailside Dr (#17): Amherst - 1" Developer Installed Services - CIAC	10/01/2015	10	1,358.21	42	9	2.65	15.89	N/A - CIAC	2.44	2.44	4.89	31.77	-
20000-018426	Manchester Rd (#14): Amherst - 1" Developer Installed Services - CIAC	10/01/2015	10	1,906.72	42	9	3.72	22.30	N/A - CIAC	3.43	3.43	6.86	44.60	-
20000-018428	Fells Dr (#25): Amherst - 1" Developer Installed Services - CIAC	10/01/2015	10	1,906.72	42	9	3.72	22.30	N/A - CIAC	3.43	3.43	6.86	44.60	-
20000-018613	Fells Dr (#15): Amherst - 1" Developer Installed Services - CIAC	12/01/2015	12	1,906.72	42	9	3.72	22.30	N/A - CIAC	1.72	1.72	3.43	44.60	-
Subtotal: 333230-2000-001 (14)				**22,370.69**				**261.65**		**59.06**	**59.06**	**118.12**	**523.29**	**-**
Asset Type: Developer Installed Services - Paid														
Asset GL Acct #: 333250-2000-001														
20000-017603	Trailside Drive (#5): Amherst - 1" CT Service	01/01/2015	1	574.66	42	9	1.12	6.72	No	3.36	3.36	6.72	13.44	-
20000-017640	Trailside Drive (#7): Amherst - 1" CT Service	02/01/2015	2	574.66	42	9	1.12	6.72	No	3.10	3.10	6.20	13.44	-
20000-018072	Vale Ct (#1): Amherst - 1" Developer Installed Services - Paid	07/01/2015	7	548.51	42	9	1.07	6.42	No	1.73	1.73	3.45	12.83	-
20000-018263	Potters Way (#1): Amherst - 1 Developer Installed Services - Paid	09/01/2015	9	548.51	42	9	1.07	6.42	No	1.23	1.23	2.47	12.83	-
20000-018267	Trailside Dr (#15): Amherst - 1 Developer Installed Services - Paid	09/01/2015	9	548.51	42	9	1.07	6.42	No	1.23	1.23	2.47	12.83	-
20000-018268	Trailside Dr (#21): Amherst - 1 Developer Installed Services - Paid	09/01/2015	9	548.51	42	9	1.07	6.42	No	1.23	1.23	2.47	12.83	-
20000-018431	Trailside Dr (#17): Amherst - 1" Developer Installed Services - Paid	10/01/2015	10	548.51	42	9	1.07	6.42	No	0.99	0.99	1.97	12.83	-
Subtotal: 333250-2000-001 (7)				**3,891.87**				**45.52**		**12.88**	**12.88**	**25.76**	**91.04**	**-**
Asset Type: Distribution Mains														
Asset GL Acct #: 331200-2000-001														
20000-017653	Foundry St Amherst, Main Replacement - Land Survey Services	02/01/2015	2	3,191.64	62	6	4.26	25.53	Yes	11.78	11.78	23.57	51.07	27.50
20000-017654	Cross St., Amherst Water Main Replacement - Land Survey Services	02/01/2015	2	729.00	62	6	0.97	5.83	No	2.69	2.69	5.38	11.66	-
20000-017656	Boston Post Rd Amherst Water Main Replacement	02/01/2015	2	1,368.40	62	6	1.82	10.95	Yes	5.05	5.05	10.11	21.89	11.79
20000-017657	Boston Post Rd Amherst Water Main Replacement - Labor	02/01/2015	2	164.38	62	6	0.22	1.32	Yes	0.61	0.61	1.21	2.63	1.42
20000-017658	Boston Post Rd Amherst Water Main Replacement - Labor OH	02/01/2015	2	105.79	62	6	0.14	0.85	Yes	0.39	0.39	0.78	1.69	0.91
20000-017659	Boston Post Rd Amherst Water Main Replacement - Truck	02/01/2015	2	61.42	62	6	0.08	0.49	Yes	0.23	0.23	0.45	0.98	0.53
20000-017660	Boston Post Rd., Amherst Main Replacement - Land Survey Work	02/01/2015	2	1,752.51	62	6	2.34	14.02	Yes	6.47	6.47	12.94	28.04	15.10
20000-017661	Boston Post Rd., Amherst Main Replacement - Land Survey Work	02/01/2015	2	188.82	62	6	0.25	1.51	Yes	0.70	0.70	1.39	3.02	1.63
20000-017662	Boston Post Rd., Amherst Main Replacement - Land Survey Work	02/01/2015	2	121.51	62	6	0.16	0.97	Yes	0.45	0.45	0.90	1.94	1.05
20000-017663	Boston Post Rd., Amherst Main Replacement - Land Survey Work	02/01/2015	2	56.70	62	6	0.08	0.45	Yes	0.21	0.21	0.42	0.91	0.49
20000-018126	Boston Post Rd Amherst Water Main Replacement	08/01/2015	8	697.10	62	6	0.93	5.58	Yes	1.29	1.29	2.57	11.15	8.58
20000-018147.1	School Street, Amherst - Water Main Replacement (Foundry St, carry over)	08/01/2015	8	25,703.50	62	6	34.27	205.63	Yes	47.45	47.45	94.91	411.26	316.35
20000-018147.2	Foundry Street, Amherst - Water Main Replacement (Foundry St, carry over)	08/01/2015	8	139,433.06	62	6	185.91	1,115.46	Yes	257.41	257.41	514.83	2,230.93	1,716.10
20000-018148	Foundry Street, Amherst - Water Main Replacement (Foundry St, carry over) - Labor	08/01/2015	8	871.10	62	6	1.16	6.97	Yes	1.61	1.61	3.22	13.94	10.72
20000-018149	Foundry Street, Amherst - Water Main Replacement (Foundry St, carry over) - Labor OH	08/01/2015	8	478.41	62	6	0.64	3.83	Yes	0.88	0.88	1.77	7.65	5.89
20000-018150	Foundry Street, Amherst - Water Main Replacement (Foundry St, carry over) - Truck	08/01/2015	8	255.15	62	6	0.34	2.04	Yes	0.47	0.47	0.94	4.08	3.14
20000-018151	School Street, Amherst - Water Main Replacement (Foundry St, carry over) - Inventory	08/01/2015	8	368.67	62	6	0.49	2.95	Yes	0.68	0.68	1.36	5.90	4.54
20000-018359	Mack Hill Rd. Water Main Replacement	10/01/2015	10	112,075.02	62	6	149.43	896.60	Yes	137.94	137.94	275.88	1,793.20	1,517.32
20000-018360	Mack Hill Rd. Water Main Replacement - labor	10/01/2015	10	872.97	62	6	1.16	6.98	Yes	1.07	1.07	2.15	13.97	11.82
20000-018361	Mack Hill Rd. Water Main Replacement - labor oh	10/01/2015	10	479.44	62	6	0.64	3.84	Yes	0.59	0.59	1.18	7.67	6.49
20000-018362	Mack Hill Rd. Water Main Replacement - truck	10/01/2015	10	280.35	62	6	0.37	2.24	Yes	0.35	0.35	0.69	4.49	3.80
20000-018641	Mack Hill Rd. Water Main Replacement	12/01/2015	12	151,666.66	62	6	202.22	1,213.33	Yes	93.33	93.33	186.67	2,426.67	2,240.00
20000-018669	School Street, Amherst - Water Main Replacement (carry over)	12/01/2015	12	27.48	62	6	0.04	0.22	Yes	0.02	0.02	0.03	0.44	0.41
Subtotal: 331200-2000-001 (23)				**440,949.08**				**3,527.59**		**571.67**	**571.67**	**1,143.35**	**7,055.19**	**5,905.55**
Asset Type: Distribution Mains - Gates														
Asset GL Acct #: 331250-2000-001														
Life Yr Mo: 62 yr 6 mo														
20000-018154	Foundry Street, Amherst - Water Main Replacement (Foundry St, carry over)	08/01/2015	8	2,070.00	62	6	2.76	16.56	Yes	3.82	3.82	7.64	33.12	25.48
20000-018358	Mack Hill Rd. Water Main Replacement - gates	10/01/2015	10	20,700.00	62	6	27.60	165.60	Yes	25.48	25.48	50.95	331.20	280.25
Subtotal: 331250-2000-001 (2)				**22,770.00**				**182.16**		**29.30**	**29.30**	**58.60**	**364.32**	**305.72**
Asset Type: Electric Pumping Equip: Pumps														
Asset GL Acct #: 311200-2000-001														
20000-017753	Standish Way - Replace Booster # 1 (Amherst - Bon Terrain)	04/01/2015	4	3,233.70	22	9	11.85	71.07	No	27.33	27.33	54.67	142.14	-
Subtotal: 311200-2000-001 (1)				**3,233.70**				**71.07**		**27.33**	**27.33**	**54.67**	**142.14**	**-**
Asset Type: Electric Pumping Equip: Pumps														
Asset GL Acct #: 311210-2000-001														
20000-017879	Milford Booster, Amherst - Rebuild Motor Booster #2	06/01/2015	6	1,995.00	22	9	7.31	43.85	No	13.49	13.49	26.98	87.69	-
Subtotal: 311210-2000-001 (1)				**1,995.00**				**43.85**		**13.49**	**13.49**	**26.98**	**87.69**	**-**
Asset Type: Hydrants														
Asset GL Acct #: 335000-2000-001														
Life Yr Mo: 44 yr 8 mo														
20000-018152	Foundry Street, Amherst - Water Main Replacement (Foundry St, carry over)	08/01/2015	8	13,162.50	44	8	24.56	147.34	Yes	34.00	34.00	68.00	294.68	226.68
Subtotal: 335000-2000-001 (1)				**13,162.50**				**147.34**		**34.00**	**34.00**	**68.00**	**294.68**	**226.68**
Asset Type: Renewed Services														
Asset GL Acct #: 333200-2000-001														
20000-018153.1	School Street, Amherst - Water Main Replacement (Foundry St, carry over)	08/01/2015	8	900.00	42	9	1.75	10.53	Yes	2.43	2.43	4.86	21.05	16.19
20000-018153.2	Foundry Street, Amherst - Water Main Replacement (Foundry St, carry over)	08/01/2015	8	26,550.00	42	9	51.75	310.53	Yes	71.66	71.66	143.32	621.05	477.73
Subtotal: 333200-2000-001 (2)				**27,450.00**				**321.05**		**74.09**	**74.09**	**148.18**	**642.11**	**493.93**
Asset Type: Services														
Asset GL Acct #: 333100-2000-001														
20000-017811	Thornton Ferry Rd (#2): Amherst - 1 1/2" New Service: M To S	05/01/2015	5	2,007.49	42	9	3.91	23.48	No	8.13	8.13	16.25	46.96	-
Subtotal: 333100-2000-001 (1)				**2,007.49**				**23.48**		**8.13**	**8.13**	**16.25**	**46.96**	**-**
Subtotal: Amherst (52)				**537,830.33**				**4,623.71**		**829.95**	**829.95**	**1,659.91**	**9,247.41**	**6,931.88**
Town or Department: Bedford														
Asset Type: Developer Installed Services - CIAC														
Asset GL Acct #: 333230-2000-001														
20000-017638	Atherstone Ln. (#12): Bedford - 1" Developer Installed Services - CIAC	02/01/2015	2	1,906.72	42	9	3.72	22.30	N/A - CIAC	10.29	10.29	20.59	44.60	-
20000-018215	Settlers CT (#10): Bedford - 1.5 Developer Installed Services - CIAC	09/01/2015	9	2,023.71	42	9	3.94	23.67	N/A - CIAC	4.55	4.55	9.10	47.34	-
20000-018239	Settlers CT (#32): Bedford - 1 Developer Installed Services - CIAC	09/01/2015	9	1,906.72	42	9	3.72	22.30	N/A - CIAC	4.29	4.29	8.58	44.60	-
20000-018548	New Boston Rd (#203): Bedford - 1" Developer Installed Services - CIAC	11/01/2015	11	1,906.72	42	9	3.72	22.30	N/A - CIAC	2.57	2.57	5.15	44.60	-
Subtotal: 333230-2000-001 (4)				**7,743.87**				**90.57**		**21.71**	**21.71**	**43.41**	**181.14**	**-**
Asset Type: Electric Pumping Equip: Pumps														
Asset GL Acct #: 311210-2000-001														
20000-017882	Donald St., Bedford - Rebuild Booster Pump #2	06/01/2015	6	2,495.00	22	9	9.14	54.84	No	16.87	16.87	33.74	109.67	-
Subtotal: 311210-2000-001 (1)				**2,495.00**				**54.84**		**16.87**	**16.87**	**33.74**	**109.67**	**-**
Asset Type: Services														
Asset GL Acct #: 333100-2000-001														
20000-018580	New Boston Rd (at Wall): Bedford - 1 1/2" New Service: M To S	11/01/2015	11	9,785.30	42	9	19.07	114.45	No	13.21	13.21	26.41	228.90	-
Subtotal: 333100-2000-001 (1)				**9,785.30**				**114.45**		**13.21**	**13.21**	**26.41**	**228.90**	**-**
Subtotal: Bedford (6)				**20,024.17**				**259.85**		**51.78**	**51.78**	**103.57**	**519.71**	**-**
Town or Department: Community Systems														
Asset Type: Meters														
Asset GL Acct #: 334000-2000-001														
20000-017576	5/8" New Meter: Community Systems	01/01/2015	1	850.03	20	11	3.39	20.32	Yes	10.16	10.16	20.32	40.64	20.32
20000-017577	3/4" New Meter: Community Systems	01/01/2015	1	294.89	20	11	1.17	7.05	Yes	3.52	3.52	7.05	14.10	7.05
20000-017622.1	5/8" New Meter: Community Systems	02/01/2015	2	208.69	20	11	0.83	4.99	Yes	2.30	2.30	4.60	9.98	5.37
20000-017622.2	5/8" New Meter: Community Systems	02/01/2015	2	208.69	20	11	0.83	4.99	Yes	2.30	2.30	4.60	9.98	5.37
20000-017622.3	5/8" New Meter: Community Systems	02/01/2015	2	208.70	20	11	0.83	4.99	Yes	2.30	2.30	4.61	9.98	5.37
20000-017684	5/8" New Meter: Community Systems	03/01/2015	3	938.92	20	11	3.74	22.44	Yes	9.50	9.50	18.99	44.89	25.90
20000-017757	5/8" New Meter: Community Systems	04/01/2015	4	828.94	20	11	3.30	19.82	Yes	7.62	7.62	15.24	39.63	24.39
20000-017798	5/8" New Meter: Community Systems	05/01/2015	5	726.44	20	11	2.89	17.37	Yes	6.01	6.01	12.02	34.73	22.71
20000-017802	3/4" New Meter: Community Systems	05/01/2015	5	140.36	20	11	0.56	3.36	Yes	1.16	1.16	2.32	6.71	4.39
20000-017898	5/8" New Meter: Community Systems	06/01/2015	6	336.49	20	11	1.34	8.04	Yes	2.47	2.47	4.95	16.09	11.14
20000-018010	5/8" New Meter: Community Systems	07/01/2015	7	498.56	20	11	1.99	11.92	Yes	3.21	3.21	6.42	23.84	17.42
20000-018015	1" New Meter: Community Systems	07/01/2015	7	1,652.84	20	11	6.59	39.51	Yes	10.64	10.64	21.27	79.02	57.75
20000-018016	1 1/2" New Meter: Community Systems	07/01/2015	7	439.44	20	11	1.75	10.50	Yes	2.83	2.83	5.66	21.01	15.35
20000-018112	5/8" New Meter: Community Systems	08/01/2015	8	10,157.00	20	11	40.47	242.80	Yes	56.03	56.03	112.06	485.59	373.53
20000-018118	1" New Meter: Community Systems	08/01/2015	8	276.46	20	11	1.10	6.61	Yes	1.53	1.53	3.05	13.22	10.17
20000-018168	5/8" Meter: Community Systems	09/01/2015	9	9,005.05	20	11	35.88	215.26	Yes	41.40	41.40	82.79	430.52	347.73
20000-018169	3/4" Meter: Community Systems	09/01/2015	9	237.98	20	11	0.95	5.69	Yes	1.09	1.09	2.19	11.38	9.19
20000-018172	1" Meter: Community Systems	09/01/2015	9	297.82	20	11	1.19	7.12	Yes	1.37	1.37	2.74	14.24	11.50
20000-018436	5/8" New Meter: Community Systems	10/01/2015	10	2,776.86	20	11	11.06	66.38	Yes	10.21	10.21	20.42	132.76	112.33
20000-018569	5/8" New Meter: Community Systems	11/01/2015	11	1,670.80	20	11	6.66	39.94	Yes	4.61	4.61	9.22	79.88	70.66
20000-018572	5/8" New Meter: Community Systems	11/01/2015	11	199.22	20	11	0.79	4.76	Yes	0.55	0.55	1.10	9.52	8.43
20000-018585	5/8" New Meter: Community Systems	12/01/2015	12	920.09	20	11	3.67	21.99	Yes	1.69	1.69	3.38	43.99	40.60
Subtotal: 334000-2000-001 (22)				**32,874.27**				**785.84**		**182.51**	**182.51**	**365.01**	**1,571.68**	**1,206.67**
Asset Type: Radios for Metering Equipment														
Asset GL Acct #: 334100-2000-001														
20000-017580	Neptune Radio Replacements: Community Systems	01/01/2015	1	463.84	20	11	1.85	11.09	No	5.54	5.54	11.09	22.18	-
20000-017626	Neptune Radio Replacements: Community Systems	02/01/2015	2	28.70	20	11	0.11	0.69	No	0.32	0.32	0.63	1.37	-
20000-017689	Neptune Radio Replacements: Community Systems	03/01/2015	3	232.41	20	11	0.93	5.56	No	2.35	2.35	4.70	11.11	-
20000-017763	Neptune Radio Replacements: Community Systems	04/01/2015	4	250.51	20	11	1.00	5.99	No	2.30	2.30	4.61	11.98	-
20000-017805	Neptune Radio Replacements: Community Systems	05/01/2015	5	427.39	20	11	1.70	10.22	No	3.54	3.54	7.07	20.43	-
20000-017905	Pure Neptune Radio Replacements: Community Systems	06/01/2015	6	289.06	20	11	1.15	6.91	No	2.13	2.13	4.25	13.82	-
20000-018018.1	Neptune Radio Replacements: Community Systems	07/01/2015	7	121.08	20	11	0.48	2.89	No	0.78	0.78	1.56	5.79	-
20000-018018.2	Neptune Radio Replacements: Community Systems	07/01/2015	7	121.09	20	11	0.48	2.89	No	0.78	0.78	1.56	5.79	-
20000-018120	Neptune Radio Replacements: Community Systems	08/01/2015	8	593.30	20	11	2.36	14.18	No	3.27	3.27	6.55	28.36	-
20000-018174	Neptune Radio Replacements: Community Systems	09/01/2015	9	334.50	20	11	1.33	8.00	No	1.54	1.54	3.08	15.99	-
20000-018576	Neptune Radio Replacements: Community Systems	11/01/2015	11	457.91	20	11	1.82	10.95	No	1.26	1.26	2.53	21.89	-
20000-018589	Neptune Radio Replacements: Community Systems	12/01/2015	12	228.39	20	11	0.91	5.46	No	0.42	0.42	0.84	10.92	-
Subtotal: 334100-2000-001 (12)				**3,548.18**				**84.82**		**24.23**	**24.23**	**48.46**	**169.63**	**-**
Subtotal: Community Systems (34)				**36,422.45**				**870.66**		**206.74**	**206.74**	**413.47**	**1,741.31**	**1,206.67**
Town or Department: Core														
Asset Type: Meters														

Asset ID	Asset Description	In Service	Month in Service	Book Cost	Years	Months	Monthly Deprec Rate	Half Yr Dep	NRPA - Settlement Agreement in DW13-130	13-Mo Avg Accum Depr (Actual)	Adj to reflect Full-Year Depr Exp	13-Mo Avg Accum Depr - Full-Year Exp	Full-Year Depr Exp	Adj to reflect Year-end A/D for NRPA
Asset GL Acct #: 334000-2000-001														
20000-017575	5/8" New Meter: Core	01/01/2015	1	2,630.91	20	11	10.48	62.89	Yes	31.45	31.45	62.89	125.78	62.89
20000-017578	2" New Meter: Core	01/01/2015	1	666.41	20	11	2.66	15.93	Yes	7.97	7.97	15.93	31.86	15.93
20000-017621	5/8" New Meter: Core	02/01/2015	2	24,232.60	20	11	96.54	579.27	Yes	267.35	267.35	534.71	1,158.53	623.82
20000-017623	1" New Meter: Core	02/01/2015	2	277.36	20	11	1.11	6.63	Yes	3.06	3.06	6.12	13.26	7.14
20000-017624	3/4" New Meter: Core	02/01/2015	2	904.42	20	11	3.60	21.62	Yes	9.98	9.98	19.96	43.24	23.28
20000-017683	5/8" New Meter: Core	03/01/2015	3	24,917.04	20	11	99.27	595.63	Yes	252.00	252.00	503.99	1,191.25	687.26
20000-017685	3/4" New Meter: Core	03/01/2015	3	359.22	20	11	1.43	8.59	Yes	3.63	3.63	7.27	17.17	9.91
20000-017686	5/8" New Meter: Core	03/01/2015	3	11,964.59	20	11	47.67	286.01	Yes	121.00	121.00	242.01	572.01	330.01
20000-017687	1" New Meter: Core	03/01/2015	3	277.36	20	11	1.11	6.63	Yes	2.81	2.81	5.61	13.26	7.65
20000-017756	5/8" New Meter: Core	04/01/2015	4	5,287.00	20	11	21.06	126.38	Yes	48.61	48.61	97.22	252.76	155.55
20000-017758	1" New Meter: Core	04/01/2015	4	451.44	20	11	1.80	10.79	Yes	4.15	4.15	8.30	21.58	13.28
20000-017759	1" New Meter: Core	04/01/2015	4	278.28	20	11	1.11	6.65	Yes	2.56	2.56	5.12	13.30	8.19
20000-017760	5/8" New Meter: Core	04/01/2015	4	10,347.85	20	11	41.23	247.36	Yes	95.14	95.14	190.28	494.72	304.44
20000-017761	1 1/2" New Meter: Core	04/01/2015	4	954.94	20	11	3.80	22.83	Yes	8.78	8.78	17.56	45.65	28.10
20000-017797	5/8" New Meter: Core	05/01/2015	5	17,966.66	20	11	71.58	429.48	Yes	148.67	148.67	297.33	858.96	561.63
20000-017799	1 1/2" New Meter: Core	05/01/2015	5	1,755.78	20	11	7.00	41.97	Yes	14.53	14.53	29.06	83.94	54.88
20000-017800	2" New Meter: Core	05/01/2015	5	1,646.54	20	11	6.56	39.36	Yes	13.62	13.62	27.25	78.72	51.47
20000-017801	3/4" New Meter: Core	05/01/2015	5	1,291.18	20	11	5.14	30.86	Yes	10.68	10.68	21.37	61.73	40.36
20000-017803	1" New Meter: Core	05/01/2015	5	274.06	20	11	1.09	6.55	Yes	2.27	2.27	4.54	13.10	8.57
20000-017897	5/8" New Meter: Core	06/01/2015	6	2,687.62	20	11	10.71	64.25	Yes	19.77	19.77	39.54	128.49	88.96
20000-017899	3/4" New Meter: Core	06/01/2015	6	958.96	20	11	3.82	22.92	Yes	7.05	7.05	14.11	45.85	31.74
20000-017900	1 1/2" New Meter: Core	06/01/2015	6	1,651.41	20	11	6.58	39.48	Yes	12.15	12.15	24.29	78.95	54.66
20000-017901	1" New Meter: Core	06/01/2015	6	2,950.70	20	11	11.76	70.53	Yes	21.70	21.70	43.41	141.07	97.66
20000-017902	5/8" New Meter: Core	06/01/2015	6	1,251.05	20	11	4.98	29.91	Yes	9.20	9.20	18.40	59.81	41.41
20000-017903	1" New Meter: Core	06/01/2015	6	7,791.34	20	11	31.04	186.25	Yes	57.31	57.31	114.61	372.49	257.88
20000-018009	5/8" New Meter: Core	07/01/2015	7	6,024.73	20	11	24.00	144.02	Yes	38.77	38.77	77.55	288.03	210.49
20000-018011	1" New Meter: Core	07/01/2015	7	11,203.08	20	11	44.63	267.80	Yes	72.10	72.10	144.20	535.61	391.40
20000-018012	2" New Meter: Core	07/01/2015	7	8,841.02	20	11	35.22	211.34	Yes	56.90	56.90	113.80	422.68	308.88
20000-018013	1 1/2" New Meter: Core	07/01/2015	7	10,684.01	20	11	42.57	255.39	Yes	68.76	68.76	137.52	510.79	373.27
20000-018014	3/4" New Meter: Core	07/01/2015	7	621.03	20	11	2.47	14.85	Yes	4.00	4.00	7.99	29.69	21.70
20000-018111	5/8" New Meter: Core	08/01/2015	8	5,727.04	20	11	22.82	136.90	Yes	31.59	31.59	63.19	273.80	210.62
20000-018113	1 1/2" New Meter: Core	08/01/2015	8	3,538.73	20	11	14.10	84.59	Yes	19.52	19.52	39.04	169.18	130.14
20000-018114	3/4" New Meter: Core	08/01/2015	8	214.98	20	11	0.86	5.14	Yes	1.19	1.19	2.37	10.28	7.91
20000-018115	1 1/2" New Meter: Core	08/01/2015	8	75.10	20	11	0.30	1.80	Yes	0.41	0.41	0.83	3.59	2.76
20000-018116	1" New Meter: Core	08/01/2015	8	3,551.69	20	11	14.15	84.90	Yes	19.59	19.59	39.19	169.80	130.62
20000-018117	2" New Meter: Core	08/01/2015	8	3,604.17	20	11	14.36	86.16	Yes	19.88	19.88	39.76	172.31	132.55
20000-018167	5/8" Meter: Core	09/01/2015	9	4,692.39	20	11	18.69	112.17	Yes	21.57	21.57	43.14	224.34	181.20
20000-018170	3/4" Meter: Core	09/01/2015	9	160.45	20	11	0.64	3.84	Yes	0.74	0.74	1.48	7.67	6.20
20000-018171	1 1/2" Meter: Core	09/01/2015	9	2,772.28	20	11	11.04	66.27	Yes	12.74	12.74	25.49	132.54	107.05
20000-018435	5/8" New Meter: Core	10/01/2015	10	2,958.70	20	11	11.79	70.73	Yes	10.88	10.88	21.76	141.45	119.69
20000-018437	1 1/2" New Meter: Core	10/01/2015	10	561.97	20	11	2.24	13.43	Yes	2.07	2.07	4.13	26.87	22.73
20000-018438	2" New Meter: Core	10/01/2015	10	1,510.21	20	11	6.02	36.10	Yes	5.55	5.55	11.11	72.20	61.09
20000-018439	2" New Meter: Core	10/01/2015	10	727.53	20	11	2.90	17.39	Yes	2.68	2.68	5.35	34.78	29.43
20000-018440	1" New Meter: Core	10/01/2015	10	546.89	20	11	2.18	13.07	Yes	2.01	2.01	4.02	26.15	22.12
20000-018568	5/8" New Meter: Core	11/01/2015	11	2,762.23	20	11	11.00	66.03	Yes	7.62	7.62	15.24	132.06	116.82
20000-018570	1" New Meter: Core	11/01/2015	11	2,816.11	20	11	11.22	67.32	Yes	7.77	7.77	15.53	134.63	119.10
20000-018571	1 1/2" New Meter: Core	11/01/2015	11	1,074.61	20	11	4.28	25.69	Yes	2.96	2.96	5.93	51.38	45.45
20000-018573	1" New Meter: Core	11/01/2015	11	274.02	20	11	1.09	6.55	Yes	0.76	0.76	1.51	13.10	11.59
20000-018574	5/8" New Meter: Core	11/01/2015	11	676.90	20	11	2.70	16.18	Yes	1.87	1.87	3.73	32.36	28.63
20000-018584	5/8" New Meter: Core	12/01/2015	12	2,341.33	20	11	9.33	55.97	Yes	4.31	4.31	8.61	111.94	103.33
20000-018586	1" New Meter: Core	12/01/2015	12	794.32	20	11	3.16	18.99	Yes	1.46	1.46	2.92	37.98	35.05
20000-018587	5/8" New Meter: Core	12/01/2015	12	604.71	20	11	2.41	14.46	Yes	1.11	1.11	2.22	28.91	26.69
Subtotal: 334000-2000-001 (52)				**203,134.95**				**4,855.82**		**1,594.23**	**1,594.23**	**3,188.47**	**9,711.63**	**6,523.16**
Asset Type: Radios for Metering Equipment														
Asset GL Acct #: 334100-2000-001														
20000-017579	Neptune Radio Replacements: Core	01/01/2015	1	1,641.59	20	11	6.54	39.24	No	19.62	19.62	39.24	78.48	-
20000-017625.1	Neptune Radio Replacements: Core	02/01/2015	2	379.62	20	11	1.51	9.07	No	4.19	4.19	8.38	18.15	-
20000-017625.2	Neptune Radio Replacements: Core	02/01/2015	2	126.54	20	11	0.50	3.02	No	1.40	1.40	2.79	6.05	-
20000-017625.3	Neptune Radio Replacements: Core	02/01/2015	2	126.54	20	11	0.50	3.02	No	1.40	1.40	2.79	6.05	-
20000-017625.4	Neptune Radio Replacements: Core	02/01/2015	2	126.54	20	11	0.50	3.02	No	1.40	1.40	2.79	6.05	-
20000-017625.5	Neptune Radio Replacements: Core	02/01/2015	2	126.54	20	11	0.50	3.02	No	1.40	1.40	2.79	6.05	-
20000-017625.6	Neptune Radio Replacements: Core	02/01/2015	2	253.08	20	11	1.01	6.05	No	2.79	2.79	5.58	12.10	-
20000-017625.7	Neptune Radio Replacements: Core	02/01/2015	2	253.08	20	11	1.01	6.05	No	2.79	2.79	5.58	12.10	-
20000-017625.8	Neptune Radio Replacements: Core	02/01/2015	2	253.08	20	11	1.01	6.05	No	2.79	2.79	5.58	12.10	-
20000-017625.9	Neptune Radio Replacements: Core	02/01/2015	2	253.14	20	11	1.01	6.05	No	2.79	2.79	5.59	12.10	-
20000-017688	Neptune Radio Replacements: Core	03/01/2015	3	2,026.75	20	11	8.07	48.45	No	20.50	20.50	40.99	96.90	-
20000-017762	Neptune Radio Replacements: Core	04/01/2015	4	2,163.82	20	11	8.62	51.72	No	19.89	19.89	39.79	103.45	-
20000-017804	Neptune Radio Replacements: Core	05/01/2015	5	1,995.66	20	11	7.95	47.71	No	16.51	16.51	33.03	95.41	-
20000-017904	Neptune Radio Replacements: Core	06/01/2015	6	2,551.93	20	11	10.17	61.00	No	18.77	18.77	37.54	122.00	-
20000-018017	Neptune Radio Replacements: Core	07/01/2015	7	3,526.82	20	11	14.05	84.31	No	22.70	22.70	45.40	168.61	-
20000-018119	Neptune Radio Replacements: Core	08/01/2015	8	2,655.06	20	11	10.58	63.47	No	14.65	14.65	29.29	126.94	-
20000-018173	Neptune Radio Replacements: Core	09/01/2015	9	2,526.88	20	11	10.07	60.40	No	11.62	11.62	23.23	120.81	-
20000-018441	Neptune Radio Replacements: Core	10/01/2015	10	2,251.95	20	11	8.97	53.83	No	8.28	8.28	16.56	107.66	-
20000-018575	Neptune Radio Replacements: Core	11/01/2015	11	2,839.96	20	11	11.31	67.89	No	7.83	7.83	15.67	135.77	-
20000-018577	Neptune Radio Replacements: Core	11/01/2015	11	1,414.73	20	11	5.64	33.82	No	3.90	3.90	7.80	67.64	-
20000-018588	Neptune Radio Replacements: Core	12/01/2015	12	2,336.57	20	11	9.31	55.85	No	4.30	4.30	8.59	111.71	-
20000-018590	Neptune Radio Replacements: Core	12/01/2015	12	997.07	20	11	3.97	23.83	No	1.83	1.83	3.67	47.67	-
Subtotal: 334100-2000-001 (22)				**30,826.95**				**736.90**		**191.34**	**191.34**	**382.69**	**1,473.80**	**-**
Subtotal: Core (74)				**233,961.90**				**5,592.71**		**1,785.58**	**1,785.58**	**3,571.16**	**11,185.43**	**6,523.16**
Town or Department: Derry														
Asset Type: Developer Installed Services - CIAC														
Asset GL Acct #: 333230-2000-001														
20000-017920	Harvest Dr (#30): Derry - 1" Developer Installed Services - CIAC	06/01/2015	6	1,358.21	42	9	2.65	15.89	N/A - CIAC	4.89	4.89	9.78	31.77	-
20000-018054	Harvest Dr (#26): Derry - 1" Developer Installed Services - CIAC	07/01/2015	7	1,358.21	42	9	2.65	15.89	N/A - CIAC	4.28	4.28	8.55	31.77	-
Subtotal: 333230-2000-001 (2)				**2,716.42**				**31.77**		**9.16**	**9.16**	**18.33**	**63.54**	**-**
Asset Type: Developer Installed Services - Paid														
Asset GL Acct #: 333250-2000-001														
20000-017913	Harvest Dr (#30): Derry - 1" Developer Installed Services - Paid	06/01/2015	6	548.51	42	9	1.07	6.42	No	1.97	1.97	3.95	12.83	-
20000-018070	Harvest Dr (#26): Derry - 1" Developer Installed Services - Paid	07/01/2015	7	548.51	42	9	1.07	6.42	No	1.73	1.73	3.45	12.83	-
Subtotal: 333250-2000-001 (2)				**1,097.02**				**12.83**		**3.70**	**3.70**	**7.40**	**25.66**	**-**
Asset Type: Distribution Mains														
Asset GL Acct #: 331200-2000-001														
20000-018498	Maple Haven Interconnection with Richardson (4" PVC and 6" PVC)	11/01/2015	11	86,900.00	62	6	115.87	695.20	No	80.22	80.22	160.43	1,390.40	-
Subtotal: 331200-2000-001 (1)				**86,900.00**				**695.20**		**80.22**	**80.22**	**160.43**	**1,390.40**	**-**
Asset Type: Electric Pumping Equip: Pumps														
Asset GL Acct #: 311210-2000-001														
20000-018284	Replacing Chlorine Feed Pump- Glenn Ridge	09/01/2015	9	1,135.25	22	9	4.16	24.95	No	4.80	4.80	9.60	49.90	-
Subtotal: 311210-2000-001 (1)				**1,135.25**				**24.95**		**4.80**	**4.80**	**9.60**	**49.90**	**-**
Asset Type: Purification System Equipment														
Asset GL Acct #: 320000-2000-001														
20000-018379	Hi and Lo - Replace Water Treatment Vessels & Piping	10/01/2015	10	5,449.95	15	0	30.28	181.67	No	27.95	27.95	55.90	363.33	-
20000-018380	Hi and Lo - Replace Water Treatment Vessels & Piping (Labor)	10/01/2015	10	2,502.01	15	0	13.90	83.40	No	12.83	12.83	25.66	166.80	-
20000-018381	Hi and Lo - Replace Water Treatment Vessels & Piping (labor OH)	10/01/2015	10	1,374.10	15	0	7.63	45.80	No	7.05	7.05	14.09	91.61	-
20000-018382	Hi and Lo - Replace Water Treatment Vessels & Piping (truck)	10/01/2015	10	725.00	15	0	4.03	24.17	No	3.72	3.72	7.44	48.33	-
Subtotal: 320000-2000-001 (4)				**10,051.06**				**335.04**		**51.54**	**51.54**	**103.09**	**670.07**	**-**
Asset Type: Well Pumps & Piping														
Asset GL Acct #: 307210-2000-001														
20000-017698	Hi Lo - Replace Well Pump & Piping #4 - 35 GPM 3HP Franklin J-Class Pump End	03/01/2015	3	4,998.96	30	0	13.89	83.32	No	35.25	35.25	70.50	166.63	-
20000-017884	Glen Ridge - Replace Well Pump and Piping Well #2	06/01/2015	6	3,134.88	30	0	8.71	52.25	No	16.08	16.08	32.15	104.50	-
Subtotal: 307210-2000-001 (2)				**8,133.84**				**135.56**		**51.33**	**51.33**	**102.65**	**271.13**	**-**
Subtotal: Derry (12)				**110,033.59**				**1,235.35**		**200.75**	**200.75**	**401.50**	**2,470.70**	**-**
Town or Department: Merrimack														
Asset Type: Communication Equipment														
Asset GL Acct #: 346000-2000-001														
20000-017883	Phone Replacements (10)	06/01/2015	6	1,763.53	19	0	7.73	46.41	No	14.28	14.28	28.56	92.82	-
20000-018090	Phone System Upgrade 2015	08/01/2015	8	44,940.99	19	0	197.11	1,182.66	No	272.92	272.92	545.84	2,365.32	-
20000-018283	Phone System Upgrade 2015	09/01/2015	9	2,780.00	19	0	12.19	73.16	No	14.07	14.07	28.14	146.32	-
20000-018335	Phone System Upgrade 2015	09/01/2015	9	-8,156.36	19	0	(35.77)	(214.64)	No	(41.28)	(41.28)	(82.55)	(429.28)	-
20000-018375	Phone System Upgrade 2015	10/01/2015	10	22,948.31	19	0	100.65	603.90	No	92.91	92.91	185.82	1,207.81	-
Subtotal: 346000-2000-001 (5)				**64,276.47**				**1,691.49**		**352.90**	**352.90**	**705.80**	**3,382.97**	**-**
Asset Type: Computer Equipment														
Asset GL Acct #: 347110-2000-001														
20000-017717	Asset Management: Toughbook Adapters (8)	03/01/2015	3	599.89	7	0	7.14	42.85	Yes	18.13	18.13	36.26	85.70	49.44
20000-017861	Asset Management: Computer for Engineering (1)	05/01/2015	5	2,798.00	7	0	33.31	199.86	Yes	69.18	69.18	138.36	399.71	261.35
20000-017862	Asset Management: Computer for Engineering (1)	05/01/2015	5	2,798.00	7	0	33.31	199.86	Yes	69.18	69.18	138.36	399.71	261.35
20000-017863	Asset Management: Computer for Engineering (1)	05/01/2015	5	2,833.00	7	0	33.73	202.36	Yes	70.05	70.05	140.09	404.71	264.62
20000-017885	Monitor Acquisition	06/01/2015	6	1,152.23	7	0	13.72	82.30	No	25.32	25.32	50.65	164.60	-
20000-017886	Miscellaneous Computer Hardware - Main Office & OPS	06/01/2015	6	3,639.53	7	0	43.33	259.97	No	79.99	79.99	159.98	519.93	-
20000-018092	Router Switch Replacement	08/01/2015	8	20,986.37	7	0	249.84	1,499.03	No	345.93	345.93	691.86	2,998.05	-
20000-018093	Router Switch Replacement - Labor	08/01/2015	8	45.75	7	0	0.54	3.27	No	0.75	0.75	1.51	6.54	-
20000-018094	Router Switch Replacement - OH	08/01/2015	8	25.13	7	0	0.30	1.80	No	0.41	0.41	0.83	3.59	-
20000-018095	Router Switch Replacement - truck	08/01/2015	8	11.00	7	0	0.13	0.79	No	0.18	0.18	0.36	1.57	-
20000-018296	DPaC 2015 (Click Mobil)	09/01/2015	9	143,741.50	7	0	1,711.21	10,267.25	No	1,974.47	1,974.47	3,948.94	20,534.50	-
20000-018297	DPaC 2015 (Click Mobil) - union labor	09/01/2015	9	5,512.71	7	0	65.63	393.77	No	75.72	75.72	151.45	787.53	-
20000-018298	DPaC 2015 (Click Mobil) - union labor oh	09/01/2015	9	3,027.58	7	0	36.04	216.26	No	41.59	41.59	83.18	432.51	-
20000-018299	DPaC 2015 (Click Mobil) - truck	09/01/2015	9	333.88	7	0	3.97	23.85	No	4.59	4.59	9.17	47.70	-
20000-018324	ClickMobile - 2014 (DPaC) - labor	09/01/2015	9	2,292.17	7	0	27.29	163.73	No	31.49	31.49	62.97	327.45	-
20000-018325	ClickMobile - 2014 (DPaC) - truck	09/01/2015	9	521.45	7	0	6.21	37.25	No	7.16	7.16	14.33	74.49	-
20000-018326	ClickMobile - 2014 (DPaC) - loh	09/01/2015	9	1,258.86	7	0	14.99	89.92	No	17.29	17.29	34.58	179.84	-
20000-018333	ClickMobile - 2014 (DPaC)	09/02/2015	9	197,358.46	7	0	2,349.51	14,097.03	No	2,710.97	2,710.97	5,421.94	28,194.07	-
20000-018364	DPaC 2015 (Click Mobil)	10/01/2015	10	14,327.27	7	0	170.56	1,023.38	No	157.44	157.44	314.89	2,046.75	-
20000-018365	DPaC 2015 (Click Mobil) - union labor	10/01/2015	10	179.09	7	0	2.13	12.79	No	1.97	1.97	3.94	25.58	-
20000-018366	DPaC 2015 (Click Mobil) - union labor oh	10/01/2015	10	98.36	7	0	1.17	7.03	No	1.08	1.08	2.16	14.05	-
20000-018367	DPaC 2015 (Click Mobil) - truck	10/01/2015	10	10.00	7	0	0.12	0.71	No	0.11	0.11	0.22	1.43	-
20000-018374	Router Switch Replacement - truck	10/01/2015	10	11.00	7	0	0.13	0.79	No	0.12	0.12	0.24	1.57	-
20000-018376	Router Switch Replacement	10/01/2015	10	3,250.00	7	0	38.69	232.14	No	35.71	35.71	71.43	464.29	-
20000-018491	Domain Controller replacement	11/01/2015	11	5,470.14	7	0	65.12	390.72	No	45.08	45.08	90.17	781.45	-
20000-018492	GPS Equipment Upgrades - Geo 7X Cent Kit w/2M Range Pole - serial #5424442136	11/01/2015	11	12,589.74	7	0	149.88	899.27	Yes	103.76	103.76	207.52	1,798.53	1,591.01
20000-018493	GPS Equipment Upgrades - Geo 7X Cent Kit w/2M Range Pole - serial #5442446313	11/01/2015	11	12,589.74	7	0	149.88	899.27	Yes	103.76	103.76	207.52	1,798.53	1,591.01
20000-018494	GPS Equipment Upgrades - Geo 7X Cent Kit w/2M Range Pole - serial #5442446403	11/01/2015	11	12,589.74	7	0	149.88	899.27	Yes	103.76	103.76	207.52	1,798.53	1,591.01
20000-018495	GPS Equipment Upgrades - Geo 7X Cent Kit w/2M Range Pole - serial #5441446084	11/01/2015	11	12,589.74	7	0	149.88	899.27	Yes	103.76	103.76	207.52	1,798.53	1,591.01

Asset ID	Asset Description	In Service	Month in Service	Book Cost	Years	Months	Monthly Deprec Rate	Half Yr Dep	NRPA - Settlement Agreement in DW13-130	13-Mo Avg Accum Depr (Actual)	Adj to reflect Full-Year Depr Exp	13-Mo Avg Accum Depr - Full-Year Exp	Full-Year Depr Exp	Adj to reflect Year-end A/D for NRPA
20000-018496	GPS Equipment Upgrades - Geo 7X Cent Kit w/2M Range Pole - serial #5442446394	11/01/2015	11	12,589.75	7	0	149.88	899.27	Yes	103.76	103.76	207.52	1,798.54	1,591.01
20000-018497	GPS Equipment Upgrades - Geo 7X Cent Kit w/2M Range Pole - serial #5442446410	11/01/2015	11	12,589.75	7	0	149.88	899.27	Yes	103.76	103.76	207.52	1,798.54	1,591.01
20000-018506	DPaC 2015 (Click Mobil) -	11/01/2015	11	1,505.01	7	0	17.92	107.50	No	12.40	12.40	24.81	215.00	-
20000-018507	DPaC 2015 (Click Mobil) - union labor	11/01/2015	11	196.36	7	0	2.34	14.03	No	1.62	1.62	3.24	28.05	-
20000-018508	DPaC 2015 (Click Mobil) - union labor oh	11/01/2015	11	107.84	7	0	1.28	7.70	No	0.89	0.89	1.78	15.41	-
20000-018521	HP Color Laser Printer - Accounting	11/01/2015	11	795.54	7	0	9.47	56.82	No	6.56	6.56	13.11	113.65	-
20000-018624.1	Asset Management & GIS (2015) - Ipad	12/01/2015	12	547.48	7	0	6.52	39.11	Yes	3.01	3.01	6.02	78.21	72.20
20000-018624.2	Asset Management & GIS (2015) - Ipad	12/01/2015	12	547.48	7	0	6.52	39.11	Yes	3.01	3.01	6.02	78.21	72.20
20000-018624.3	Asset Management & GIS (2015) - Ipad	12/01/2015	12	547.48	7	0	6.52	39.11	Yes	3.01	3.01	6.02	78.21	72.20
20000-018624.4	Asset Management & GIS (2015) - Ipad	12/01/2015	12	547.48	7	0	6.52	39.11	Yes	3.01	3.01	6.02	78.21	72.20
20000-018624.5	Asset Management & GIS (2015) - Ipad	12/01/2015	12	547.48	7	0	6.52	39.11	Yes	3.01	3.01	6.02	78.21	72.20
20000-018624.6	Asset Management & GIS (2015) - Ipad	12/01/2015	12	547.48	7	0	6.52	39.11	Yes	3.01	3.01	6.02	78.21	72.20
20000-018624.7	Asset Management & GIS (2015) - Ipad	12/01/2015	12	547.48	7	0	6.52	39.11	Yes	3.01	3.01	6.02	78.21	72.20
20000-018637	DPaC 2015 (Click Mobil)	12/01/2015	12	24,847.52	7	0	295.80	1,774.82	No	136.52	136.52	273.05	3,549.65	-
20000-018638	DPaC 2015 (Click Mobil) - union labor	12/01/2015	12	373.27	7	0	4.44	26.66	No	2.05	2.05	4.10	53.32	-
20000-018639	DPaC 2015 (Click Mobil) - union labor oh	12/01/2015	12	205.00	7	0	2.44	14.64	No	1.13	1.13	2.25	29.29	-
20000-018640	DPaC 2015 (Click Mobil) - truck	12/01/2015	12	58.50	7	0	0.70	4.18	No	0.32	0.32	0.64	8.36	-
20000-018674	Router Switch Replacement	12/01/2015	12	93.59	7	0	1.11	6.69	No	0.51	0.51	1.03	13.37	-
Subtotal: 347110-2000-001 (47)				**519,834.82**				**37,131.06**		**6,589.56**	**6,589.56**	**13,179.12**	**74,262.12**	**10,888.20**
Asset Type: Computer Software														
Asset GL Acct #: 347110-2000-001														
20000-017718	Asset Management: GIS Mapping	03/01/2015	3	44,476.40	7	0	529.48	3,176.89	Yes	1,344.07	1,344.07	2,688.13	6,353.77	3,665.64
20000-017719	Asset Management: GeoNexus Syncronizer	03/01/2015	3	8,487.50	7	0	101.04	606.25	Yes	256.49	256.49	512.98	1,212.50	699.52
20000-017720	Asset Management: GIS Website	03/01/2015	3	1,485.00	7	0	17.68	106.07	Yes	44.88	44.88	89.75	212.14	122.39
20000-017723	Asset Management: Project Management	03/01/2015	3	2,659.49	7	0	31.66	189.96	Yes	80.37	80.37	160.74	379.93	219.19
20000-017724	Asset Management: GIS Mapping	03/01/2015	3	7,345.87	7	0	87.45	524.71	Yes	221.99	221.99	443.98	1,049.41	605.43
20000-017725	Asset Management: GIS Mapping	03/01/2015	3	4,727.07	7	0	56.27	337.65	Yes	142.85	142.85	285.70	675.30	389.59
20000-017726	Asset Management: GIS Mapping	03/01/2015	3	1,509.38	7	0	17.97	107.81	Yes	45.61	45.61	91.23	215.63	124.40
20000-017786	Asset Management: GIS Mapping	04/01/2015	4	99,953.58	7	0	1,189.92	7,139.54	Yes	2,745.98	2,745.98	5,491.95	14,279.08	8,787.13
20000-017787	Asset Management: GIS Mapping	04/01/2015	4	1,016.39	7	0	12.10	72.60	Yes	27.92	27.92	55.85	145.20	89.35
20000-017788	Asset Management: GIS Mapping	04/01/2015	4	120.75	7	0	1.44	8.63	Yes	3.32	3.32	6.63	17.25	10.62
20000-017789	Asset Management: GIS Mapping	04/01/2015	4	558.20	7	0	6.65	39.87	Yes	15.34	15.34	30.67	79.74	49.07
20000-017790	Asset Management: GeoNexus Syncronizer	04/01/2015	4	2,537.50	7	0	30.21	181.25	Yes	69.71	69.71	139.42	362.50	223.08
20000-017791	Asset Management: Project Management	04/01/2015	4	3,200.81	7	0	38.10	228.63	Yes	87.93	87.93	175.87	457.26	281.39
20000-017845	LanSweeper Software	05/01/2015	5	595.00	7	0	7.08	42.50	No	14.71	14.71	29.42	85.00	-
20000-017856	Asset Management: GIS Mapping	05/01/2015	5	42,567.21	7	0	506.75	3,040.52	Yes	1,052.49	1,052.49	2,104.97	6,081.03	3,976.06
20000-017857	Asset Management: GIS Mapping	05/01/2015	5	56.20	7	0	0.67	4.01	Yes	1.39	1.39	2.78	8.03	5.25
20000-017858	Asset Management: GIS Mapping	05/01/2015	5	21.00	7	0	0.25	1.50	Yes	0.52	0.52	1.04	3.00	1.96
20000-017859	Asset Management: GIS Mapping	05/01/2015	5	30.87	7	0	0.37	2.21	Yes	0.76	0.76	1.53	4.41	2.88
20000-017860	Asset Management: Project Management	05/01/2015	5	151.25	7	0	1.80	10.80	Yes	3.74	3.74	7.48	21.61	14.13
20000-017887	Munis Enhancement Request-Discount Chg Code Level	06/01/2015	6	7,700.00	7	0	91.67	550.00	No	169.23	169.23	338.46	1,100.00	-
20000-017888	ItemAge Upgrade	06/01/2015	6	5,000.00	7	0	59.52	357.14	No	109.89	109.89	219.78	714.29	-
20000-017962	Asset Management: GIS Mapping	06/01/2015	6	48,861.00	7	0	581.68	3,490.07	Yes	1,073.87	1,073.87	2,147.74	6,980.14	4,832.41
20000-017963	Asset Management: GIS Mapping	06/01/2015	6	3,069.12	7	0	36.54	219.22	Yes	67.45	67.45	134.91	438.45	303.54
20000-017964	Asset Management: GIS Mapping	06/01/2015	6	1,072.50	7	0	12.77	76.61	Yes	23.57	23.57	47.14	153.21	106.07
20000-017965	Asset Management: GIS Mapping	06/01/2015	6	1,685.56	7	0	20.07	120.40	Yes	37.05	37.05	74.09	240.79	166.70
20000-017966	Asset Management: GIS Website	06/01/2015	6	1,285.00	7	0	15.30	91.79	Yes	28.24	28.24	56.48	183.57	127.09
20000-017967	Asset Management: Project Management	06/01/2015	6	835.81	7	0	9.95	59.70	Yes	18.37	18.37	36.74	119.40	82.66
20000-018025	Asset Management: GIS Mapping	07/01/2015	7	31,972.00	7	0	380.62	2,283.71	Yes	614.85	614.85	1,229.69	4,567.43	3,337.74
20000-018026	Asset Management: Project Management	07/01/2015	7	135.86	7	0	1.62	9.70	Yes	2.61	2.61	5.23	19.41	14.18
20000-018027	Asset Management: Project Management	07/01/2015	7	1,383.02	7	0	16.46	98.79	Yes	26.60	26.60	53.19	197.57	144.38
20000-018028	Asset Management: GIS Website	07/01/2015	7	7,670.00	7	0	91.31	547.86	Yes	147.50	147.50	295.00	1,095.71	800.71
20000-018029	Asset Management: GIS Mapping	07/01/2015	7	40,459.23	7	0	481.66	2,889.95	Yes	778.06	778.06	1,556.12	5,779.89	4,223.77
20000-018030	Asset Management: GIS Mapping	07/01/2015	7	2,300.94	7	0	27.39	164.35	Yes	44.25	44.25	88.50	328.71	240.21
20000-018031	Asset Management: GIS Mapping	07/01/2015	7	1,263.68	7	0	15.04	90.26	Yes	24.30	24.30	48.60	180.53	131.92
20000-018032	Asset Management: GIS Mapping	07/01/2015	7	786.50	7	0	9.36	56.18	Yes	15.13	15.13	30.25	112.36	82.11
20000-018270	Asset Management: GIS Mapping	09/01/2015	9	14,933.90	7	0	177.78	1,066.71	Yes	205.14	205.14	410.27	2,133.41	1,723.14
20000-018271	Asset Management: GeoNexus Syncronizer	09/01/2015	9	350.00	7	0	4.17	25.00	Yes	4.81	4.81	9.62	50.00	40.38
20000-018272	Asset Management: Project Management	09/01/2015	9	1,066.13	7	0	12.69	76.15	Yes	14.64	14.64	29.29	152.30	123.02
20000-018273	Asset Management: GIS Mapping	09/01/2015	9	244.18	7	0	2.91	17.44	Yes	3.35	3.35	6.71	34.88	28.17
20000-018274	Asset Management: GIS Mapping	09/01/2015	9	134.10	7	0	1.60	9.58	Yes	1.84	1.84	3.68	19.16	15.47
20000-018275	Asset Management: GIS Mapping	09/01/2015	9	5.50	7	0	0.07	0.39	Yes	0.08	0.08	0.15	0.79	0.63
20000-018276	Asset Management: GeoNexus Syncronizer	09/01/2015	9	1,050.00	7	0	12.50	75.00	Yes	14.42	14.42	28.85	150.00	121.15
20000-018277	Asset Management: GIS Website	09/01/2015	9	7,640.00	7	0	90.95	545.71	Yes	104.95	104.95	209.89	1,091.43	881.54
20000-018278	Asset Management: GIS Mapping	09/01/2015	9	44,914.01	7	0	534.69	3,208.14	Yes	616.95	616.95	1,233.90	6,416.29	5,182.39
20000-018279	Asset Management: GIS Mapping	09/01/2015	9	227.51	7	0	2.71	16.25	Yes	3.13	3.13	6.25	32.50	26.25
20000-018280	Asset Management: GIS Mapping	09/01/2015	9	124.95	7	0	1.49	8.93	Yes	1.72	1.72	3.43	17.85	14.42
20000-018281	Asset Management: GIS Mapping	09/01/2015	9	20.00	7	0	0.24	1.43	Yes	0.27	0.27	0.55	2.86	2.31
20000-018282	Asset Management: Project Management	09/01/2015	9	915.00	7	0	10.89	65.36	Yes	12.57	12.57	25.14	130.71	105.58
20000-018394	Asset Management: GIS Mapping	10/01/2015	10	15,877.99	7	0	189.02	1,134.14	Yes	174.48	174.48	348.97	2,268.28	1,919.32
20000-018395	Asset Management: Project Management	10/01/2015	10	597.06	7	0	7.11	42.65	Yes	6.56	6.56	13.12	85.29	72.17
20000-018396	Asset Management: GeoNexus Syncronizer	10/01/2015	10	175.00	7	0	2.08	12.50	Yes	1.92	1.92	3.85	25.00	21.15
20000-018397	Asset Management: GIS Mapping	10/01/2015	10	112.40	7	0	1.34	8.03	Yes	1.24	1.24	2.47	16.06	13.59
20000-018398	Asset Management: GIS Mapping	10/01/2015	10	61.73	7	0	0.73	4.41	Yes	0.68	0.68	1.36	8.82	7.46
20000-018399	Asset Management: GIS Mapping	10/01/2015	10	20.00	7	0	0.24	1.43	Yes	0.22	0.22	0.44	2.86	2.42
20000-018457	ClickSoft Enhancement & Clicksoft Mobile	11/01/2015	11	254,097.32	7	0	3,024.97	18,149.81	No	2,094.21	2,094.21	4,188.42	36,299.62	-
20000-018458	ClickMobile (2013 DPaC) - labor	11/01/2015	11	2,581.07	7	0	30.73	184.36	No	21.27	21.27	42.55	368.72	-
20000-018459	ClickMobile (2013 DPaC) - labor oh	11/01/2015	11	1,527.99	7	0	18.19	109.14	No	12.59	12.59	25.19	218.28	-
20000-018460	ClickMobile (2013 DPaC) - truck	11/01/2015	11	175.88	7	0	2.09	12.56	No	1.45	1.45	2.90	25.13	-
20000-018514	Asset Management & GIS (2015) - GIS Mapping (labor)	11/01/2015	11	14.05	7	0	0.17	1.00	Yes	0.12	0.12	0.23	2.01	1.78
20000-018515	Asset Management & GIS (2015) - GIS Mapping (labor oh)	11/01/2015	11	7.72	7	0	0.09	0.55	Yes	0.06	0.06	0.13	1.10	0.98
20000-018516	Asset Management & GIS (2015) - GIS Mapping	11/01/2015	11	20,354.28	7	0	242.31	1,453.88	Yes	167.76	167.76	335.51	2,907.75	2,572.24
20000-018517	Asset Management & GIS (2015) - Project Management	11/01/2015	11	2,311.03	7	0	27.51	165.07	Yes	19.05	19.05	38.09	330.15	292.05
20000-018518	Asset Management & GIS (2015) - GeoNexus Syncronizer	11/01/2015	11	350.00	7	0	4.17	25.00	Yes	2.88	2.88	5.77	50.00	44.23
20000-018519	Asset Management & GIS (2015) - Website	11/01/2015	11	2,065.00	7	0	24.58	147.50	Yes	17.02	17.02	34.04	295.00	260.96
20000-018619	Asset Management & GIS (2015) - Website	12/01/2015	12	745.00	7	0	8.87	53.21	Yes	4.09	4.09	8.19	106.43	98.24
20000-018620	Asset Management & GIS (2015) - GIS Mapping	12/01/2015	12	43,314.79	7	0	515.65	3,093.91	Yes	237.99	237.99	475.99	6,187.83	5,711.84
20000-018621	Asset Management & GIS (2015) - GIS Mapping (labor)	12/01/2015	12	2,248.72	7	0	26.77	160.62	Yes	12.36	12.36	24.71	321.25	296.53
20000-018622	Asset Management & GIS (2015) - GIS Mapping (labor oh)	12/01/2015	12	1,235.00	7	0	14.70	88.21	Yes	6.79	6.79	13.57	176.43	162.86
20000-018623	Asset Management & GIS (2015) - Project Management	12/01/2015	12	1,177.50	7	0	14.02	84.11	Yes	6.47	6.47	12.94	168.21	155.27
Subtotal: 347110-2000-001 (69)				**797,654.50**				**56,975.32**		**13,114.10**	**13,114.10**	**26,228.20**	**113,950.64**	**53,758.12**
Asset Type: Non-Union Vehicles														
Asset GL Acct #: 341000-2000-001														
20000-017940	2015 Ford Escape - New Chief Engineering Inspector Truck #401	06/01/2015	6	22,773.00	10	7	179.31	1,075.89	No	331.04	331.04	662.09	2,151.78	-
20000-017941	2015 Chevy Silverado - New Engineering Inspector Vehicle #402	06/01/2015	6	34,675.00	10	7	273.03	1,638.19	No	504.06	504.06	1,008.12	3,276.38	-
20000-018322	2015 Ford Escape - Construction Services Managers Vehicle	09/01/2015	9	24,707.99	10	7	194.55	1,167.31	No	224.48	224.48	448.96	2,334.61	-
20000-018655	Vehicle Purchase - 2015 GMC Terrain (for VP of Sales and Service)	12/01/2015	12	21,645.00	10	7	170.43	1,022.60	No	78.66	78.66	157.32	2,045.20	-
Subtotal: 341000-2000-001 (4)				**103,800.99**				**4,903.98**		**1,138.24**	**1,138.24**	**2,276.49**	**9,807.97**	**-**
Subtotal: Merrimack (125)				**1,485,566.78**				**100,701.85**		**21,194.81**	**21,194.81**	**42,389.61**	**201,403.70**	**64,646.32**
Town or Department: Milford														
Asset Type: Developer Installed Distribution Mains: CIAC														
Asset GL Acct #: 331300-2000-001														
20000-018139	Timber Ridge Drive, Nashua - Developer Installed Distribution Mains: CIAC	08/01/2015	8	59,391.00	62	2	79.61	477.68	N/A - CIAC	110.23	110.23	220.47	955.35	-
Subtotal: 331300-2000-001 (1)				**59,391.00**				**477.68**		**110.23**	**110.23**	**220.47**	**955.35**	**-**
Asset Type: Developer Installed Hydrants: CIAC														
Asset GL Acct #: 335100-2000-001														
20000-018141	Timber Ridge Drive, Nashua - Developer Installed Hydrants: CIAC	08/01/2015	8	5,286.78	44	8	9.86	59.18	N/A - CIAC	13.66	13.66	27.31	118.36	-
Subtotal: 335100-2000-001 (1)				**5,286.78**				**59.18**		**13.66**	**13.66**	**27.31**	**118.36**	**-**
Asset Type: Developer Installed Services - CIAC														
Asset GL Acct #: 333230-2000-001														
Life Yr Mo: 42 yr 9 mo														
20000-017594	Reserve Way (#54): Milford - 1" Developer Installed Services - CIAC	01/01/2015	1	1,906.72	42	9	3.72	22.30	N/A - CIAC	11.15	11.15	22.30	44.60	-
20000-017743	Badger Hill Dr. (#149): Milford - 1" Developer Installed Services - CIAC	04/01/2015	4	1,906.72	42	9	3.72	22.30	N/A - CIAC	8.58	8.58	17.15	44.60	-
20000-018247	Reserve Way (#18): Milford - 1 Developer Installed Services - CIAC	09/01/2015	9	1,906.72	42	9	3.72	22.30	N/A - CIAC	4.29	4.29	8.58	44.60	-
20000-018611	Timber Ridge Dr (#21): Milford - 1" Developer Installed Services - CIAC	12/01/2015	12	1,906.72	42	9	3.72	22.30	N/A - CIAC	1.72	1.72	3.43	44.60	-
Subtotal: 333230-2000-001 (4)				**7,626.88**				**89.20**		**25.73**	**25.73**	**51.46**	**178.41**	**-**
Asset Type: Well Pumps & Piping														
Asset GL Acct #: 307210-2000-001														
20000-017844	Badger Hill - Well Pump #1 Phase Converter	05/01/2015	5	2,854.21	30	0	7.93	47.57	No	16.47	16.47	32.93	95.14	-
Subtotal: 307210-2000-001 (1)				**2,854.21**				**47.57**		**16.47**	**16.47**	**32.93**	**95.14**	**-**
Subtotal: Milford (7)				**75,158.87**				**673.63**		**166.09**	**166.09**	**332.18**	**1,347.26**	**-**
Town or Department: Nashua														
Asset Type: Backhoe														
Asset GL Acct #: 341000-2000-001														
20000-017950	Replacement Excavator - Volvo EC55C Excavator #87.5 (2015 carryover)	06/01/2015	6	70,109.20	16	8	350.55	2,103.28	No	647.16	647.16	1,294.32	4,206.55	-
20000-017951	Replacement Excavator - Volvo EC55C Excavator #87.5 (2015 carryover) - Labor	06/01/2015	6	213.64	16	8	1.07	6.41	No	1.97	1.97	3.94	12.82	-
20000-017952	Replacement Excavator - Volvo EC55C Excavator #87.5 (2015 carryover) - Labor OH	06/01/2015	6	117.33	16	8	0.59	3.52	No	1.08	1.08	2.17	7.04	-
Subtotal: 341000-2000-001 (3)				**70,440.17**				**2,113.21**		**650.22**	**650.22**	**1,300.43**	**4,226.41**	**-**
Asset Type: Booster Station - Structures														
Asset GL Acct #: 304550-2000-001														
20000-017939	Timberline Booster Station Engineering Design Only	06/01/2015	6	2,351.80	41	0	4.78	28.68	Yes	8.82	8.82	17.65	57.36	39.71
Subtotal: 304550-2000-001 (1)				**2,351.80**				**28.68**		**8.82**	**8.82**	**17.65**	**57.36**	**39.71**
Asset Type: Booster Stations														
Asset GL Acct #: 304550-2000-001														
20000-017944	Timberline Booster Station - Structure Improvements	06/01/2015	6	42,876.43	40	8	87.86	527.17	Yes	162.21	162.21	324.41	1,054.34	729.93
20000-017954	Timberline Booster Station Construction - structure improvements	06/01/2015	6	112,027.27	40	8	229.56	1,377.38	Yes	423.81	423.81	847.62	2,754.77	1,907.15
20000-017958	Timberline Booster Station Construction - structure improvements (backhoe)	06/01/2015	6	19.50	40	8	0.04	0.24	Yes	0.07	0.07	0.15	0.48	0.33
20000-017959	Timberline Booster Station Construction - structure improvements (labor)	06/01/2015	6	615.44	40	8	1.26	7.57	Yes	2.33	2.33	4.66	15.13	10.48
20000-017960	Timberline Booster Station Construction - structure improvements (labor oh)	06/01/2015	6	337.99	40	8	0.69	4.16	Yes	1.28	1.28	2.56	8.31	5.75
20000-017961	Timberline Booster Station Construction - structure improvements (truck)	06/01/2015	6	119.75	40	8	0.25	1.47	Yes	0.45	0.45	0.91	2.94	2.04
20000-018034	Timberline Booster Station Construction - structural improvements	07/01/2015	7	3,802.24	40	8	7.79	46.75	Yes	12.59	12.59	25.17	93.50	68.33
20000-018038	Timberline Booster Station Construction - structure improvements (labor)	07/01/2015	7	49.70	40	8	0.10	0.61	Yes	0.16	0.16	0.33	1.22	0.89
20000-018039	Timberline Booster Station Construction - structure improvements (labor oh)	07/01/2015	7	27.30	40	8	0.06	0.34	Yes	0.09	0.09	0.18	0.67	0.49
20000-018040	Timberline Booster Station Construction - structure improvements (truck)	07/01/2015	7	11.00	40	8	0.02	0.14	Yes	0.04	0.04	0.07	0.27	0.20
20000-018143	Timberline Booster Station Construction - structure improvements (Labor)	08/01/2015	8	21.08	40	8	0.04	0.26	Yes	0.06	0.06	0.12	0.52	0.40
20000-018144	Timberline Booster Station Construction - structure improvements (Labor oh)	08/01/2015	8	11.58	40	8	0.02	0.14	Yes	0.03	0.03	0.07	0.28	0.22
20000-018145	Timberline Booster Station Construction - structural improvements	08/01/2015	8	1,409.39	40	8	2.89	17.33	Yes	4.00	4.00	8.00	34.66	26.66
20000-018146	Timberline Booster Station Construction - structure improvements (truck)	08/01/2015	8	8.25	40	8	0.02	0.10	Yes	0.02	0.02	0.05	0.20	0.16
20000-018400	Timberline Booster Station Construction - structural improvements	10/01/2015	10	3,540.78	40	8	7.26	43.53	Yes	6.70	6.70	13.40	87.07	73.67
20000-018633	Timberline Booster Station Construction - structural improvements	12/01/2015	12	185.94	40	8	0.38	2.29	Yes	0.18	0.18	0.35	4.57	4.22
Subtotal: 304550-2000-001 (16)				**165,063.64**				**2,029.47**		**614.02**	**614.02**	**1,228.03**	**4,058.94**	**2,830.91**

Asset ID	Asset Description	In Service	Month in Service	Book Cost	Years	Months	Monthly Deprec Rate	Half Yr Dep	NRPA - Settlement Agreement in DW13-130	13-Mo Avg Accum Depr (Actual)	Adj to reflect Full-Year Depr Exp	13-Mo Avg Accum Depr - Full-Year Exp	Full-Year Depr Exp	Adj to reflect Year-end A/D for NRPA
Asset Type: Collecting & Impounding Reserviors														
Asset GL Acct #: 305000-2000-001														
20000-018042	Access Road to Tinker Road BMP	07/01/2015	7	10,099.50	55	10	15.07	90.44	No	24.35	24.35	48.70	180.89	-
20000-018048	Access Road to Tinker Road BMP - Carryover	07/01/2015	7	1,715.52	55	10	2.56	15.36	No	4.14	4.14	8.27	30.73	-
20000-018049	Access Road to Tinker Road BMP	07/01/2015	7	12,481.50	55	10	18.63	111.77	No	30.09	30.09	60.19	223.55	-
20000-018089	Access Road to Tinker Road BMP - Carryover	08/01/2015	8	32,753.95	55	10	48.89	293.32	No	67.69	67.69	135.38	586.64	-
20000-018383	Harris Pond - Restore In Pond Treatment System	10/01/2015	10	7,434.52	55	10	11.10	66.58	No	10.24	10.24	20.49	133.16	-
Subtotal: 305000-2000-001 (5)				**64,484.99**				**577.48**		**136.51**	**136.51**	**273.02**	**1,154.96**	**-**
Asset Type: Communication Equipment														
Asset GL Acct #: 346000-2000-001														
20000-017702	WTP - Upgrade SCADA Network Infrastructure	03/01/2015	3	3,929.72	19	0	17.24	103.41	No	43.75	43.75	87.50	206.83	-
20000-017754	WTP - Upgrade SCADA Network Infrastructure	04/01/2015	4	14,370.13	19	0	63.03	378.16	No	145.45	145.45	290.89	756.32	-
20000-017850	WTP - Upgrade SCADA Network Infrastructure	05/01/2015	5	958.00	19	0	4.20	25.21	No	8.73	8.73	17.45	50.42	-
Subtotal: 346000-2000-001 (3)				**19,257.85**				**506.79**		**197.93**	**197.93**	**395.85**	**1,013.57**	**-**
Asset Type: Computer Equipment														
Asset GL Acct #: 347110-2000-001														
20000-017722	Asset Management: Network Switch in Laptop Rack	03/01/2015	3	189.68	7	0	2.26	13.55	Yes	5.73	5.73	11.46	27.10	15.63
20000-018490	LIMS on Handheld	11/01/2015	11	8,126.76	7	0	96.75	580.48	No	66.98	66.98	133.96	1,160.97	-
Subtotal: 347110-2000-001 (2)				**8,316.44**				**594.03**		**72.71**	**72.71**	**145.42**	**1,188.06**	**15.63**
Asset Type: Computer Software														
Asset GL Acct #: 347110-2000-001														
20000-017721	Asset Management: Barcode Readers (22)	03/01/2015	3	3,764.42	7	0	44.81	268.89	Yes	113.76	113.76	227.52	537.77	310.25
Subtotal: 347110-2000-001 (1)				**3,764.42**				**268.89**		**113.76**	**113.76**	**227.52**	**537.77**	**310.25**
Asset Type: Developer Installed Distribution Mains: CIAC														
Asset GL Acct #: 331300-2000-001														
20000-018004	3 Mill Pond Road: Nashua - 8"DI Developer Installed Dist. Mains CIAC - 191'	07/01/2015	7	12,604.09	62	6	16.81	100.83	N/A - CIAC	27.15	27.15	54.29	201.67	-
20000-018006	Diamondback Ave.: Nashua - 8"DI Developer Installed Dist. Mains CIAC - 322'	07/01/2015	7	21,248.78	62	6	28.33	169.99	N/A - CIAC	45.77	45.77	91.53	339.98	-
20000-018135	Legacy Drive, Nashua - Developer Installed Distribution Mains: CIAC	08/01/2015	8	61,832.63	62	6	82.44	494.66	N/A - CIAC	114.15	114.15	228.31	989.32	-
20000-018524	Schwinn Drive, Nashua - 8" Developer Installed Distribution Mains: CIAC	11/01/2015	11	56,949.37	62	6	75.93	455.59	N/A - CIAC	52.57	52.57	105.14	911.19	-
20000-018525	Adelaide Ave., Nashua - 8" Developer Installed Distribution Mains: CIAC	11/01/2015	11	35,964.55	62	6	47.95	287.72	N/A - CIAC	33.20	33.20	66.40	575.43	-
20000-018526	Pendant Lane, Nashua - 4" Developer Installed Distribution Mains: CIAC	11/01/2015	11	14,641.80	62	6	19.52	117.13	N/A - CIAC	13.52	13.52	27.03	234.27	-
20000-018527	Harley Way, Nashua - 4" Developer Installed Distribution Mains: CIAC	11/01/2015	11	8,466.78	62	6	11.29	67.73	N/A - CIAC	7.82	7.82	15.63	135.47	-
20000-018528	Harley Way, Nashua - 8" Developer Installed Distribution Mains: CIAC	11/01/2015	11	7,258.90	62	6	9.68	58.07	N/A - CIAC	6.70	6.70	13.40	116.14	-
Subtotal: 331300-2000-001 (8)				**218,966.90**				**1,751.74**		**300.86**	**300.86**	**601.73**	**3,503.47**	**-**
Asset Type: Developer Installed Hydrants: CIAC														
Asset GL Acct #: 335100-2000-001														
20000-018137	Legacy Drive, Nashua - Developer Installed Hydrants: CIAC	08/01/2015	8	10,573.56	44	8	19.73	118.36	N/A - CIAC	27.31	27.31	54.63	236.72	-
20000-018522	Harley Way, Nashua - Developer Installed Hydrants: CIAC	11/01/2015	11	5,286.78	44	8	9.86	59.18	N/A - CIAC	6.83	6.83	13.66	118.36	-
Subtotal: 335100-2000-001 (2)				**15,860.34**				**177.54**		**34.14**	**34.14**	**68.29**	**355.08**	**-**
Asset Type: Developer Installed Services - CIAC														
Asset GL Acct #: 333230-2000-001														
20000-017582	Hollow Ridge Dr. (#50): Nashua - 1" Developer Installed Services - CIAC	01/01/2015	1	1,332.06	42	9	2.60	15.58	N/A - CIAC	7.79	7.79	15.58	31.16	-
20000-017584	Elystan Cir. (#3): Nashua - 1" Developer Installed Services - CIAC	01/01/2015	1	1,332.06	42	9	2.60	15.58	N/A - CIAC	7.79	7.79	15.58	31.16	-
20000-017586	Elystan Cir. (#5): Nashua - 1" Developer Installed Services - CIAC	01/01/2015	1	1,332.06	42	9	2.60	15.58	N/A - CIAC	7.79	7.79	15.58	31.16	-
20000-017588	Pilgrim Cir. (#25): Nashua - 1.5" Developer Installed Services - CIAC	01/01/2015	1	1,472.87	42	9	2.87	17.23	N/A - CIAC	8.61	8.61	17.23	34.45	-
20000-017590	Ballerina Ct. (#14): Nashua - 1" Developer Installed Services - CIAC	01/01/2015	1	1,332.06	42	9	2.60	15.58	N/A - CIAC	7.79	7.79	15.58	31.16	-
20000-017596	Main Dunstable Rd. (#341): Nashua - 1" Developer Installed Services - CIAC	01/01/2015	1	1,906.72	42	9	3.72	22.30	N/A - CIAC	11.15	11.15	22.30	44.60	-
20000-017636	Tamora Ct. (#9): Nashua - 1" Developer Installed Services - CIAC	02/01/2015	2	1,332.06	42	9	2.60	15.58	N/A - CIAC	7.19	7.19	14.38	31.16	-
20000-017704	Legacy Dr (#8): Nashua - 1 Developer Installed Services - CIAC	03/01/2015	3	1,358.21	42	9	2.65	15.89	N/A - CIAC	6.72	6.72	13.44	31.77	-
20000-017706	Elystan Cir (#9): Nashua - 1 Developer Installed Services - CIAC	03/01/2015	3	1,358.21	42	9	2.65	15.89	N/A - CIAC	6.72	6.72	13.44	31.77	-
20000-017737	Elystan Cir. (#7): Nashua - 1" Developer Installed Services - CIAC	04/01/2015	4	1,358.21	42	9	2.65	15.89	N/A - CIAC	6.11	6.11	12.22	31.77	-
20000-017739	Pilgrim Cir. (#3): Nashua - 1" Developer Installed Services - CIAC	04/01/2015	4	1,358.21	42	9	2.65	15.89	N/A - CIAC	6.11	6.11	12.22	31.77	-
20000-017741	Stinson Dr. (#4): Nashua - 1" Developer Installed Services - CIAC	04/01/2015	4	1,358.21	42	9	2.65	15.89	N/A - CIAC	6.11	6.11	12.22	31.77	-
20000-017745	Crystal Dr. (#15): Nashua - 1" Developer Installed Services - CIAC	04/01/2015	4	1,906.72	42	9	3.72	22.30	N/A - CIAC	8.58	8.58	17.15	44.60	-
20000-017747	Barker Ave. (#12): Nashua - 1" Developer Installed Services - CIAC	04/01/2015	4	1,906.72	42	9	3.72	22.30	N/A - CIAC	8.58	8.58	17.15	44.60	-
20000-017813	Legacy Dr. (#3): Nashua - 1" Developer Installed Services - CIAC	05/01/2015	5	1,358.21	42	9	2.65	15.89	N/A - CIAC	5.50	5.50	11.00	31.77	-
20000-017815	Legacy Dr. (#5): Nashua - 1" Developer Installed Services - CIAC	05/01/2015	5	1,358.21	42	9	2.65	15.89	N/A - CIAC	5.50	5.50	11.00	31.77	-
20000-017817	Legacy Dr. (#7): Nashua - 1" Developer Installed Services - CIAC	05/01/2015	5	1,358.21	42	9	2.65	15.89	N/A - CIAC	5.50	5.50	11.00	31.77	-
20000-017819	Legacy Dr. (#9): Nashua - 1" Developer Installed Services - CIAC	05/01/2015	5	1,358.21	42	9	2.65	15.89	N/A - CIAC	5.50	5.50	11.00	31.77	-
20000-017821	Legacy Dr. (#15): Nashua - 1" Developer Installed Services - CIAC	05/01/2015	5	1,358.21	42	9	2.65	15.89	N/A - CIAC	5.50	5.50	11.00	31.77	-
20000-017823	Diamondback Ave. (#31): Nashua - 1" Developer Installed Services - CIAC	05/01/2015	5	1,358.21	42	9	2.65	15.89	N/A - CIAC	5.50	5.50	11.00	31.77	-
20000-017825	Pilgrim Cir. (#5): Nashua - 1" Developer Installed Services - CIAC	05/01/2015	5	1,358.21	42	9	2.65	15.89	N/A - CIAC	5.50	5.50	11.00	31.77	-
20000-017827	Pilgrim Cir. (#20): Nashua - 1" Developer Installed Services - CIAC	05/01/2015	5	1,358.21	42	9	2.65	15.89	N/A - CIAC	5.50	5.50	11.00	31.77	-
20000-017829	Stinson Dr. (#20): Nashua - 1" Developer Installed Services - CIAC	05/01/2015	5	1,358.21	42	9	2.65	15.89	N/A - CIAC	5.50	5.50	11.00	31.77	-
20000-017831	Amherst St. (#635): Nashua - 2" Developer Installed Services - CIAC	05/01/2015	5	2,198.65	42	9	4.29	25.72	N/A - CIAC	8.90	8.90	17.80	51.43	-
20000-017833	Stinson Dr. (#20): Nashua - 2" Developer Installed Services - CIAC	05/01/2015	5	3,809.07	42	9	7.43	44.55	N/A - CIAC	15.42	15.42	30.84	89.10	-
20000-017914	Hollow Ridge Drive (#39): Nashua - 1" Developer Installed Services - CIAC	06/01/2015	6	1,358.21	42	9	2.65	15.89	N/A - CIAC	4.89	4.89	9.78	31.77	-
20000-017916	Mill Pond Dr (#3): Nashua - 1" Developer Installed Services - CIAC	06/01/2015	6	1,358.21	42	9	2.65	15.89	N/A - CIAC	4.89	4.89	9.78	31.77	-
20000-017918	Legacy Dr (#10): Nashua - 1" Developer Installed Services - CIAC	06/01/2015	6	1,358.21	42	9	2.65	15.89	N/A - CIAC	4.89	4.89	9.78	31.77	-
20000-017922	Watson St (#79): Nashua - 1" Developer Installed Services - CIAC	06/01/2015	6	1,906.72	42	9	3.72	22.30	N/A - CIAC	6.86	6.86	13.72	44.60	-
20000-017924	Bramble Dr (#4): Nashua - 1" Developer Installed Services - CIAC	06/01/2015	6	1,906.72	42	9	3.72	22.30	N/A - CIAC	6.86	6.86	13.72	44.60	-
20000-018050	Egerton Dr (#8): Nashua - 1" Developer Installed Services - CIAC	07/01/2015	7	1,358.21	42	9	2.65	15.89	N/A - CIAC	4.28	4.28	8.55	31.77	-
20000-018052	Legacy Dr (#17): Nashua - 2" Developer Installed Services - CIAC	07/01/2015	7	1,650.14	42	9	3.22	19.30	N/A - CIAC	5.20	5.20	10.39	38.60	-
20000-018056	Ballerina CT (#15): Nashua - 1" Developer Installed Services - CIAC	07/01/2015	7	1,358.21	42	9	2.65	15.89	N/A - CIAC	4.28	4.28	8.55	31.77	-
20000-018060	Stinson Dr (#17): Nashua - 1" Developer Installed Services - CIAC	07/01/2015	7	1,358.21	42	9	2.65	15.89	N/A - CIAC	4.28	4.28	8.55	31.77	-
20000-018062	Chestnut St (#45): Nashua - 2" Developer Installed Services - CIAC	07/01/2015	7	2,198.65	42	9	4.29	25.72	N/A - CIAC	6.92	6.92	13.85	51.43	-
20000-018183	Hollow Ridge Drive (#53): Nashua - 1" Developer Installed Services - CIAC	09/01/2015	9	1,358.21	42	9	2.65	15.89	N/A - CIAC	3.05	3.05	6.11	31.77	-
20000-018185	Hollow Ridge Drive (#51): Nashua - 1" Developer Installed Services - CIAC	09/01/2015	9	1,358.21	42	9	2.65	15.89	N/A - CIAC	3.05	3.05	6.11	31.77	-
20000-018187	Legacy Dr (#11): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,358.21	42	9	2.65	15.89	N/A - CIAC	3.05	3.05	6.11	31.77	-
20000-018189	Legacy Dr (#19): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,358.21	42	9	2.65	15.89	N/A - CIAC	3.05	3.05	6.11	31.77	-
20000-018191	Legacy Dr (#23): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,358.21	42	9	2.65	15.89	N/A - CIAC	3.05	3.05	6.11	31.77	-
20000-018193	Legacy Dr (#18): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,358.21	42	9	2.65	15.89	N/A - CIAC	3.05	3.05	6.11	31.77	-
20000-018195	Diamondback Ave (#36): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,358.21	42	9	2.65	15.89	N/A - CIAC	3.05	3.05	6.11	31.77	-
20000-018199	Hollow Ridge Drive (#): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,358.21	42	9	2.65	15.89	N/A - CIAC	3.05	3.05	6.11	31.77	-
20000-018201	Pilgrim Circle (#): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,358.21	42	9	2.65	15.89	N/A - CIAC	3.05	3.05	6.11	31.77	-
20000-018203	Pilgrim Circle (#22): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,358.21	42	9	2.65	15.89	N/A - CIAC	3.05	3.05	6.11	31.77	-
20000-018209	Stinson Dr (#11): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,358.21	42	9	2.65	15.89	N/A - CIAC	3.05	3.05	6.11	31.77	-
20000-018211	E Dunstable Rd (#212): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,906.72	42	9	3.72	22.30	N/A - CIAC	4.29	4.29	8.58	44.60	-
20000-018213	Amherst St (#345): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,906.72	42	9	3.72	22.30	N/A - CIAC	4.29	4.29	8.58	44.60	-
20000-018217	Gilson Road (#35): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,906.72	42	9	3.72	22.30	N/A - CIAC	4.29	4.29	8.58	44.60	-
20000-018219	Robinson Rd (#90): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,906.72	42	9	3.72	22.30	N/A - CIAC	4.29	4.29	8.58	44.60	-
20000-018221	Furnival Rd (#3): Nashua - 8 Developer Installed Services - CIAC	09/01/2015	9	13,664.30	42	9	26.64	159.82	N/A - CIAC	30.73	30.73	61.47	319.63	-
20000-018223	West Hollis Street (#700): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,906.72	42	9	3.72	22.30	N/A - CIAC	4.29	4.29	8.58	44.60	-
20000-018227	Digital Dr (#31): Nashua - 6 Developer Installed Services - CIAC	09/01/2015	9	12,012.38	42	9	23.42	140.50	N/A - CIAC	27.02	27.02	54.04	280.99	-
20000-018229	Digital Dr (#33): Nashua - 6 Developer Installed Services - CIAC	09/01/2015	9	12,012.38	42	9	23.42	140.50	N/A - CIAC	27.02	27.02	54.04	280.99	-
20000-018231	Digital Dr (#35): Nashua - 6 Developer Installed Services - CIAC	09/01/2015	9	12,012.38	42	9	23.42	140.50	N/A - CIAC	27.02	27.02	54.04	280.99	-
20000-018233	Jennifer Dr (#6): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,906.72	42	9	3.72	22.30	N/A - CIAC	4.29	4.29	8.58	44.60	-
20000-018235	Main Dunstable Road (#322): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,906.72	42	9	3.72	22.30	N/A - CIAC	4.29	4.29	8.58	44.60	-
20000-018237	Sherri Ann Ave (#55): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,906.72	42	9	3.72	22.30	N/A - CIAC	4.29	4.29	8.58	44.60	-
20000-018241	Main St (#168): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,906.72	42	9	3.72	22.30	N/A - CIAC	4.29	4.29	8.58	44.60	-
20000-018243	Medallion Court (#4): Nashua - 1" Developer Installed Services - CIAC	09/01/2015	9	1,906.72	42	9	3.72	22.30	N/A - CIAC	4.29	4.29	8.58	44.60	-
20000-018245	Tara Blvd (#): Nashua - 8 Developer Installed Services - CIAC	09/01/2015	9	13,664.30	42	9	26.64	159.82	N/A - CIAC	30.73	30.73	61.47	319.63	-
20000-018249	Canal St (#4): Nashua - 4 Developer Installed Services - CIAC	09/01/2015	9	11,540.20	42	9	22.50	134.97	N/A - CIAC	25.96	25.96	51.91	269.95	-
20000-018251	Courtney Ln (#9): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,906.72	42	9	3.72	22.30	N/A - CIAC	4.29	4.29	8.58	44.60	-
20000-018253	Indian Rock Rd (#30): Nashua - 1 Developer Installed Services - CIAC	09/01/2015	9	1,906.72	42	9	3.72	22.30	N/A - CIAC	4.29	4.29	8.58	44.60	-
20000-018414	Diamondback Ave (#42): Nashua - 1" Developer Installed Services - CIAC	10/01/2015	10	1,358.21	42	9	2.65	15.89	N/A - CIAC	2.44	2.44	4.89	31.77	-
20000-018418	Main Dunstable Road (#379): Nashua - 1" Developer Installed Services - CIAC	10/01/2015	10	1,906.72	42	9	3.72	22.30	N/A - CIAC	3.43	3.43	6.86	44.60	-
20000-018420	West Hollis Street (#591): Nashua - 4" Developer Installed Services - CIAC	10/01/2015	10	11,540.20	42	9	22.50	134.97	N/A - CIAC	20.77	20.77	41.53	269.95	-
20000-018422	Daniel Hwy (#140): Nashua - 6" Developer Installed Services - CIAC	10/01/2015	10	12,012.38	42	9	23.42	140.50	N/A - CIAC	21.61	21.61	43.23	280.99	-
20000-018424	Daniel Hwy (#140): Nashua - 1" Developer Installed Services - CIAC	10/01/2015	10	2,023.71	42	9	3.94	23.67	N/A - CIAC	3.64	3.64	7.28	47.34	-
20000-018534	Legacy Dr (#20): Nashua - 1" Developer Installed Services - CIAC	11/01/2015	11	1,358.21	42	9	2.65	15.89	N/A - CIAC	1.83	1.83	3.67	31.77	-
20000-018536	Legacy Dr (#14): Nashua - 1" Developer Installed Services - CIAC	11/01/2015	11	1,358.21	42	9	2.65	15.89	N/A - CIAC	1.83	1.83	3.67	31.77	-
20000-018538	Legacy Dr (#21): Nashua - 2" Developer Installed Services - CIAC	11/01/2015	11	1,650.14	42	9	3.22	19.30	N/A - CIAC	2.23	2.23	4.45	38.60	-
20000-018540	Legacy Dr (#25): Nashua - 1" Developer Installed Services - CIAC	11/01/2015	11	1,358.21	42	9	2.65	15.89	N/A - CIAC	1.83	1.83	3.67	31.77	-
20000-018542	Diamondback Ave (#38): Nashua - 1" Developer Installed Services - CIAC	11/01/2015	11	1,358.21	42	9	2.65	15.89	N/A - CIAC	1.83	1.83	3.67	31.77	-
20000-018544	Stinson Dr (#14): Nashua - 1" Developer Installed Services - CIAC	11/01/2015	11	1,358.21	42	9	2.65	15.89	N/A - CIAC	1.83	1.83	3.67	31.77	-
20000-018546	Stinson Dr (#16): Nashua - 1" Developer Installed Services - CIAC	11/01/2015	11	1,358.21	42	9	2.65	15.89	N/A - CIAC	1.83	1.83	3.67	31.77	-
20000-018550	Cotillion Ct (#6): Nashua - 1" Developer Installed Services - CIAC	11/01/2015	11	1,906.72	42	9	3.72	22.30	N/A - CIAC	2.57	2.57	5.15	44.60	-
20000-018552	Courtney Ln (#17): Nashua - 1" Developer Installed Services - CIAC	11/01/2015	11	1,906.72	42	9	3.72	22.30	N/A - CIAC	2.57	2.57	5.15	44.60	-
20000-018554	Warner St (#5): Nashua - 1" Developer Installed Services - CIAC	11/01/2015	11	1,906.72	42	9	3.72	22.30	N/A - CIAC	2.57	2.57	5.15	44.60	-
20000-018556	Amherst St (#350B): Nashua - 1" Developer Installed Services - CIAC	11/01/2015	11	1,906.72	42	9	3.72	22.30	N/A - CIAC	2.57	2.57	5.15	44.60	-
20000-018558	Amhert St (#563-567): Nashua - 2" Developer Installed Services - CIAC	11/01/2015	11	2,198.65	42	9	4.29	25.72	N/A - CIAC	2.97	2.97	5.93	51.43	-
20000-018599	Legacy Dr (#26): Nashua - 1" Developer Installed Services - CIAC	12/01/2015	12	1,358.21	42	9	2.65	15.89	N/A - CIAC	1.22	1.22	2.44	31.77	-
20000-018601	Legacy Dr (#29): Nashua - 1" Developer Installed Services - CIAC	12/01/2015	12	1,358.21	42	9	2.65	15.89	N/A - CIAC	1.22	1.22	2.44	31.77	-
20000-018603	Diamondback Ave (#44): Nashua - 1" Developer Installed Services - CIAC	12/01/2015	12	1,358.21	42	9	2.65	15.89	N/A - CIAC	1.22	1.22	2.44	31.77	-
20000-018605	Stinson Dr (#2): Nashua - 1" Developer Installed Services - CIAC	12/01/2015	12	1,358.21	42	9	2.65	15.89	N/A - CIAC	1.22	1.22	2.44	31.77	-
20000-018607	Amherst St (#345, lot 3): Nashua - 1" Developer Installed Services - CIAC	12/01/2015	12	1,906.72	42	9	3.72	22.30	N/A - CIAC	1.72	1.72	3.43	44.60	-
20000-018609	Amherst St (#345, lot 5): Nashua - 1" Developer Installed Services - CIAC	12/01/2015	12	1,906.72	42	9	3.72	22.30	N/A - CIAC	1.72	1.72	3.43	44.60	-
20000-018615	Montclair Dr (#17): Nashua - 1" Developer Installed Services - CIAC	12/01/2015	12	1,906.72	42	9	3.72	22.30	N/A - CIAC	1.72	1.72	3.43	44.60	-
Subtotal: 333230-2000-001 (88)				**227,033.52**				**2,655.36**		**576.15**	**576.15**	**1,152.30**	**5,310.73**	**-**
Asset Type: Developer Installed Services - Paid														
Asset GL Acct #: 333250-2000-001														
20000-017598	Hollow Ridge Dr. (#50): Nashua - 1" Developer Installed Services - Paid	01/01/2015	1	574.66	42	9	1.12	6.72	No	3.36	3.36	6.72	13.44	-
20000-017599	Elystan Cir. (#3): Nashua - 1" Developer Installed Services - Paid	01/01/2015	1	574.66	42	9	1.12	6.72	No	3.36	3.36	6.72	13.44	-
20000-017600	Elystan Cir. (#5): Nashua - 1" Developer Installed Services - Paid	01/01/2015	1	574.66	42	9	1.12	6.72	No	3.36	3.36	6.72	13.44	-
20000-017601	Pilgrim Cir. (#25): Nashua - 1.5" Developer Installed Services - Paid	01/01/2015	1	574.66	42	9	1.12	6.72	No	3.36	3.36	6.72	13.44	-
20000-017602	Ballerina Ct. (#14): Nashua - 1" Developer Installed Services - Paid	01/01/2015	1	574.66	42	9	1.12	6.72	No	3.36	3.36	6.72	13.44	-
20000-017641	Tamora Ct. (#9): Nashua - 1" Developer Installed Services - Paid	02/01/2015	2	574.66	42	9	1.12	6.72	No	3.10	3.10	6.20	13.44	-
20000-017708	Legacy Dr (#8): Nashua - 1 Developer Installed Services - Paid	03/01/2015	3	548.51	42	9	1.07	6.42	No	2.71	2.71	5.43	12.83	-
20000-017709	Elystan Cir (#9): Nashua - 1 Developer Installed Services - Paid	03/01/2015	3	548.51	42	9	1.07	6.42	No	2.71	2.71	5.43	12.83	-
20000-017749	Elystan Cir. (#7): Nashua - 1" Developer Installed Services - Paid	04/01/2015	4	548.51	42	9	1.07	6.42	No	2.47	2.47	4.93	12.83	-
20000-017750	Pilgrim Cir. (#3): Nashua - 1" Developer Installed Services - Paid	04/01/2015	4	548.51	42	9	1.07	6.42	No	2.47	2.47	4.93	12.83	-
20000-017751	Stinson Dr. (#4): Nashua - 1" Developer Installed Services - Paid	04/01/2015	4	548.51	42	9	1.07	6.42	No	2.47	2.47	4.93	12.83	-
20000-017835	Legacy Dr. (#3): Nashua - 1" Developer Installed Services - Paid	05/01/2015	5	548.51	42	9	1.07	6.42	No	2.22	2.22	4.44	12.83	-
20000-017836	Legacy Dr. (#5): Nashua - 1" Developer Installed Services - Paid	05/01/2015	5	548.51	42	9	1.07	6.42	No	2.22	2.22	4.44	12.83	-
20000-017837	Legacy Dr. (#7): Nashua - 1" Developer Installed Services - Paid	05/01/2015	5	548.51	42	9	1.07	6.42	No	2.22	2.22	4.44	12.83	-
20000-017838	Legacy Dr. (#9): Nashua - 1" Developer Installed Services - Paid	05/01/2015	5	548.51	42	9	1.07	6.42	No	2.22	2.22	4.44	12.83	-
20000-017839	Legacy Dr. (#15): Nashua - 1" Developer Installed Services - Paid	05/01/2015	5	548.51	42	9	1.07	6.42	No	2.22	2.22	4.44	12.83	-
20000-017840	Diamondback Ave. (#31): Nashua - 1" Developer Installed Services - Paid	05/01/2015	5	548.51	42	9	1.07	6.42	No	2.22	2.22	4.44	12.83	-
20000-017841	Pilgrim Cir. (#5): Nashua - 1" Developer Installed Services - Paid	05/01/2015	5	548.51	42	9	1.07	6.42	No	2.22	2.22	4.44	12.83	-
20000-017842	Pilgrim Cir. (#20): Nashua - 1" Developer Installed Services - Paid	05/01/2015	5	548.51	42	9	1.07	6.42	No	2.22	2.22	4.44	12.83	-
20000-017843	Stinson Dr. (#20): Nashua - 1" Developer Installed Services - Paid	05/01/2015	5	548.51	42	9	1.07	6.42	No	2.22	2.22	4.44	12.83	-
20000-017910	Hollow Ridge Drive (#39): Nashua - 1" Developer Installed Services - Paid	06/01/2015	6	548.51	42	9	1.07	6.42	No	1.97	1.97	3.95	12.83	-
20000-017911	Mill Pond Dr (#3): Nashua - 1" Developer Installed Services - Paid	06/01/2015	6	548.51	42	9	1.07	6.42	No	1.97	1.97	3.95	12.83	-

Asset ID	Asset Description	In Service	Month in Service	Book Cost	Years	Months	Monthly Deprec Rate	Half Yr Dep	NRPA - Settlement Agreement in DW13-130	13-Mo Avg Accum Depr (Actual)	Adj to reflect Full-Year Depr Exp	13-Mo Avg Accum Depr - Full-Year Exp	Full-Year [illegible]	Adj to reflect Year-end A/D for NRPA
20000-017912	Legacy Dr (#10): Nashua - 1" Developer Installed Services - Paid	06/01/2015	6	548.51	42	9	1.07	6.42	No	1.97	1.97	3.95	12.83	-
20000-018068	Egerton Dr (#8): Nashua - 1" Developer Installed Services - Paid	07/01/2015	7	548.51	42	9	1.07	6.42	No	1.73	1.73	3.45	12.83	-
20000-018069	Legacy Dr (#17): Nashua - 2" Developer Installed Services - Paid	07/01/2015	7	548.51	42	9	1.07	6.42	No	1.73	1.73	3.45	12.83	-
20000-018071	Ballerina CT (#15): Nashua - 1" Developer Installed Services - Paid	07/01/2015	7	548.51	42	9	1.07	6.42	No	1.73	1.73	3.45	12.83	-
20000-018073	Stinson Dr (#17): Nashua - 1" Developer Installed Services - Paid	07/01/2015	7	548.51	42	9	1.07	6.42	No	1.73	1.73	3.45	12.83	-
20000-018255	Hollow Ridge Drive (#51): Nashua - 1" Developer Installed Services - Paid	09/01/2015	9	548.51	42	9	1.07	6.42	No	1.23	1.23	2.47	12.83	-
20000-018256	Hollow Ridge Drive (#53): Nashua - 1" Developer Installed Services - Paid	09/01/2015	9	548.51	42	9	1.07	6.42	No	1.23	1.23	2.47	12.83	-
20000-018257	Founders Way (#2): Amherst - 1" Developer Installed Services - Paid	09/01/2015	9	548.51	42	9	1.07	6.42	No	1.23	1.23	2.47	12.83	-
20000-018258	Legacy Dr (#11): Nashua - 1 Developer Installed Services - Paid	09/01/2015	9	548.51	42	9	1.07	6.42	No	1.23	1.23	2.47	12.83	-
20000-018259	Legacy Dr (#19): Nashua - 1 Developer Installed Services - Paid	09/01/2015	9	548.51	42	9	1.07	6.42	No	1.23	1.23	2.47	12.83	-
20000-018260	Legacy Dr (#23): Nashua - 1 Developer Installed Services - Paid	09/01/2015	9	548.51	42	9	1.07	6.42	No	1.23	1.23	2.47	12.83	-
20000-018261	Legacy Dr (#18): Nashua - 1 Developer Installed Services - Paid	09/01/2015	9	548.51	42	9	1.07	6.42	No	1.23	1.23	2.47	12.83	-
20000-018262	Diamondback Ave (#36): Nashua - 1 Developer Installed Services - Paid	09/01/2015	9	548.51	42	9	1.07	6.42	No	1.23	1.23	2.47	12.83	-
20000-018264	Hollow Ridge Drive (#): Nashua - 1 Developer Installed Services - Paid	09/01/2015	9	548.51	42	9	1.07	6.42	No	1.23	1.23	2.47	12.83	-
20000-018265	Pilgrim Circle (#): Nashua - 1 Developer Installed Services - Paid	09/01/2015	9	548.51	42	9	1.07	6.42	No	1.23	1.23	2.47	12.83	-
20000-018266	Pilgrim Circle (#22): Nashua - 1 Developer Installed Services - Paid	09/01/2015	9	548.51	42	9	1.07	6.42	No	1.23	1.23	2.47	12.83	-
20000-018269	Stinson Dr (#11): Nashua - 1 Developer Installed Services - Paid	09/01/2015	9	548.51	42	9	1.07	6.42	No	1.23	1.23	2.47	12.83	-
20000-018430	Diamondback Ave (#42): Nashua - 1" Developer Installed Services - Paid	10/01/2015	10	548.51	42	9	1.07	6.42	No	0.99	0.99	1.97	12.83	-
20000-018560	Legacy Dr (#20): Nashua - 1" Developer Installed Services - Paid	11/01/2015	11	548.51	42	9	1.07	6.42	No	0.74	0.74	1.48	12.83	-
20000-018561	Legacy Dr (#14): Nashua - 1" Developer Installed Services - Paid	11/01/2015	11	548.51	42	9	1.07	6.42	No	0.74	0.74	1.48	12.83	-
20000-018562	Legacy Dr (#21): Nashua - 2" Developer Installed Services - Paid	11/01/2015	11	548.51	42	9	1.07	6.42	No	0.74	0.74	1.48	12.83	-
20000-018563	Legacy Dr (#25): Nashua - 1" Developer Installed Services - Paid	11/01/2015	11	548.51	42	9	1.07	6.42	No	0.74	0.74	1.48	12.83	-
20000-018564	Diamondback Ave (#38): Nashua - 1" Developer Installed Services - Paid	11/01/2015	11	548.51	42	9	1.07	6.42	No	0.74	0.74	1.48	12.83	-
20000-018565	Stinson Dr (#14): Nashua - 1" Developer Installed Services - Paid	11/01/2015	11	548.51	42	9	1.07	6.42	No	0.74	0.74	1.48	12.83	-
20000-018566	Stinson Dr (#16): Nashua - 1" Developer Installed Services - Paid	11/01/2015	11	548.51	42	9	1.07	6.42	No	0.74	0.74	1.48	12.83	-
20000-018595	Legacy Dr (#26): Nashua - 1" Developer Installed Services - Paid	12/01/2015	12	548.51	42	9	1.07	6.42	No	0.49	0.49	0.99	12.83	-
20000-018596	Legacy Dr (#29): Nashua - 1" Developer Installed Services - Paid	12/01/2015	12	548.51	42	9	1.07	6.42	No	0.49	0.49	0.99	12.83	-
20000-018597	Diamondback Ave (#44): Nashua - 1" Developer Installed Services - Paid	12/01/2015	12	548.51	42	9	1.07	6.42	No	0.49	0.49	0.99	12.83	-
20000-018598	Stinson Dr (#2): Nashua - 1" Developer Installed Services - Paid	12/01/2015	12	548.51	42	9	1.07	6.42	No	0.49	0.49	0.99	12.83	-
Subtotal: 333250-2000-001 (51)				**28,130.91**				**329.02**		**88.50**	**88.50**	**177.00**	**658.03**	**-**
Asset Type: Distribution Mains														
Asset GL Acct #: 331200-2000-001														
20000-017604	Grove St, Nashua - 2014 Water Main Improvements - mains	01/01/2015	1	23,138.51	62	6	30.85	185.11	Yes	92.55	92.55	185.11	370.22	185.11
20000-017606	Eldridge St Nashua, Main Replacement - mains	01/01/2015	1	28,364.77	62	6	37.82	226.92	Yes	113.46	113.46	226.92	453.84	226.92
20000-017608	Robinson Ct, Nashua - 2014 Water Main Improvements - mains	01/01/2015	1	36,574.56	62	6	48.77	292.60	Yes	146.30	146.30	292.60	585.19	292.60
20000-017611	Oak St., Nashua - 2014 Water Main Improvements - mains	01/01/2015	1	1,097.10	62	6	1.46	8.78	No	4.39	4.39	8.78	17.55	-
20000-017612	Belmont St, Nashua - 2014 Water Main Improvements - mains	01/01/2015	1	13,008.56	62	6	17.34	104.07	Yes	52.03	52.03	104.07	208.14	104.07
20000-017614	Cross St, Nashua - 2014 Water Main Improvements - mains	01/01/2015	1	21,647.70	62	6	28.86	173.18	Yes	86.59	86.59	173.18	346.36	173.18
20000-017655	Lake Steet Main Replacement - carryover	02/01/2015	2	26,766.24	62	6	35.69	214.13	Yes	98.83	98.83	197.66	428.26	230.60
20000-017710	Burke St. Main Replacement - 2015 Carryover	03/01/2015	3	1,477.84	62	6	1.97	11.82	Yes	5.00	5.00	10.00	23.65	13.64
20000-017711	Eldridge St Nashua, Main Replacement - 2015 Carryover	03/01/2015	3	1,367.58	62	6	1.82	10.94	Yes	4.63	4.63	9.26	21.88	12.62
20000-017712	Eldridge St Nashua, Main Replacement - 2015 Carryover - Labor OH	03/01/2015	3	482.92	62	6	0.64	3.86	Yes	1.63	1.63	3.27	7.73	4.46
20000-017713	Eldridge St Nashua, Main Replacement - 2015 Carryover - Labor	03/01/2015	3	750.46	62	6	1.00	6.00	Yes	2.54	2.54	5.08	12.01	6.93
20000-017714	Eldridge St Nashua, Main Replacement - 2015 Carryover - Truck	03/01/2015	3	53.72	62	6	0.07	0.43	Yes	0.18	0.18	0.36	0.86	0.50
20000-017715	Eldridge St Nashua, Main Replacement - 2015 Carryover - Vac #60	03/01/2015	3	54.00	62	6	0.07	0.43	Yes	0.18	0.18	0.37	0.86	0.50
20000-017773	Broad St. Parkway Phase 3 Water Main Replacement - Fairmont St, Nashua	04/01/2015	4	25,291.41	62	6	33.72	202.33	Yes	77.82	77.82	155.64	404.66	249.02
20000-017778	Broad St. Parkway Phase 3 Water Main Replacement - Fairmont St, Nashua - mains	04/01/2015	4	665.34	62	6	0.89	5.32	Yes	2.05	2.05	4.09	10.65	6.55
20000-017779	Broad St. Parkway Phase 3 Water Main Replacement - Fairmont St, Nashua - mains	04/01/2015	4	365.41	62	6	0.49	2.92	Yes	1.12	1.12	2.25	5.85	3.60
20000-017780	Broad St. Parkway Phase 3 Water Main Replacement - Fairmont St, Nashua - mains	04/01/2015	4	169.32	62	6	0.23	1.35	Yes	0.52	0.52	1.04	2.71	1.67
20000-017846	Broad St. Parkway Phase 3 Water Main Replacement - Fairmont St, Nashua - mains	05/01/2015	5	27,666.77	62	6	36.89	221.33	Yes	76.62	76.62	153.23	442.67	289.44
20000-017847	Broad St. Parkway Phase 3 Water Main Replacement - Broad St., Nashua - mains	05/01/2015	5	11,582.88	62	6	15.44	92.66	Yes	32.08	32.08	64.15	185.33	121.17
20000-017848	Baldwin St Main Replacement	05/01/2015	5	21,554.10	62	6	28.74	172.43	Yes	59.69	59.69	119.38	344.87	225.49
20000-017849	Broad St. Parkway Phase 3 Water Main Replacement - Hillcrest St, Nashua - mains	05/01/2015	5	1,687.50	62	6	2.25	13.50	Yes	4.67	4.67	9.35	27.00	17.65
20000-017881	Broad St. Parkway Phase 3 Water Main Replacement - Hillcrest St, Nashua - mains	06/01/2015	6	928.88	62	6	1.24	7.43	Yes	2.29	2.29	4.57	14.86	10.29
20000-017889	Ninth St, Nashua - 2014 Water Main Improvements	06/01/2015	6	1,061.85	62	6	1.42	8.49	Yes	2.61	2.61	5.23	16.99	11.76
20000-017890	Ninth St, Nashua - 2014 Water Main Improvements	06/01/2015	6	2,331.65	62	6	3.11	18.65	Yes	5.74	5.74	11.48	37.31	25.83
20000-017891	Ninth St, Nashua - 2014 Water Main Improvements - Labor	06/01/2015	6	258.99	62	6	0.35	2.07	Yes	0.64	0.64	1.28	4.14	2.87
20000-017892	Ninth St, Nashua - 2014 Water Main Improvements - Labor OH	06/01/2015	6	142.24	62	6	0.19	1.14	Yes	0.35	0.35	0.70	2.28	1.58
20000-017893	Ninth St, Nashua - 2014 Water Main Improvements - Truck	06/01/2015	6	51.30	62	6	0.07	0.41	Yes	0.13	0.13	0.25	0.82	0.57
20000-017927	Ninth St, Nashua - 2014 Water Main Improvements	06/01/2015	6	2,508.61	62	6	3.34	20.07	Yes	6.18	6.18	12.35	40.14	27.79
20000-017980	Burke St. Main Replacement - 2015 Carryover	06/01/2015	6	1,343.55	62	6	1.79	10.75	Yes	3.31	3.31	6.61	21.50	14.88
20000-017981	Eldridge St Nashua, Main Replacement - 2015 Carryover- Main	06/01/2015	6	4,701.55	62	6	6.27	37.61	Yes	11.57	11.57	23.15	75.22	52.08
20000-017982	Eldridge St Nashua, Main Replacement - 2015 Carryover- Backhoe	06/01/2015	6	8.77	62	6	0.01	0.07	Yes	0.02	0.02	0.04	0.14	0.10
20000-017983	Eldridge St Nashua, Main Replacement - 2015 Carryover- Labor	06/01/2015	6	3,478.45	62	6	4.64	27.83	Yes	8.56	8.56	17.12	55.66	38.53
20000-017984	Eldridge St Nashua, Main Replacement - 2015 Carryover- Labor OH	06/01/2015	6	1,910.37	62	6	2.55	15.28	Yes	4.70	4.70	9.40	30.57	21.16
20000-017985	Eldridge St Nashua, Main Replacement - 2015 Carryover- Truck	06/01/2015	6	348.93	62	6	0.47	2.79	Yes	0.86	0.86	1.72	5.58	3.87
20000-017986	Eldridge St Nashua, Main Replacement - 2015 Carryover- Misc. Equip	06/01/2015	6	45.00	62	6	0.06	0.36	Yes	0.11	0.11	0.22	0.72	0.50
20000-018096	Park St Main Replacement	08/01/2015	6	263.75	62	6	0.35	2.11	No	0.65	0.65	1.30	4.22	-
20000-018097	Court St Main Replacement	08/01/2015	8	494.43	62	6	0.66	3.96	No	0.91	0.91	1.83	7.91	-
20000-018098	Burke St. Main Replacement - 2015 Carryover	08/01/2015	8	3,606.67	62	6	4.81	28.85	Yes	6.66	6.66	13.32	57.71	44.39
20000-018100	Franklin St Main Replacement	08/01/2015	8	338.21	62	6	0.45	2.71	No	0.62	0.62	1.25	5.41	-
20000-018102	Ninth St, Nashua - 2014 Water Main Improvements	08/01/2015	8	94,158.05	62	6	125.54	753.26	Yes	173.83	173.83	347.66	1,506.53	1,158.87
20000-018127	Eldridge St Nashua, Main Replacement - 2015 Carryover- Main	08/01/2015	8	11,946.71	62	6	15.93	95.57	Yes	22.06	22.06	44.11	191.15	147.04
20000-018129	Grove St, Nashua - 2015 Water Main Improvements	08/01/2015	8	283.11	62	6	0.38	2.26	Yes	0.52	0.52	1.05	4.53	3.48
20000-018130	Eldridge St. Emergency Water Main	08/01/2015	8	458.92	62	6	0.61	3.67	Yes	0.85	0.85	1.69	7.34	5.65
20000-018161	Broad St. Parkway Phase 3 Water Main Replacement - Broad St., Nashua - mains	09/01/2015	9	14,271.28	62	6	19.03	114.17	Yes	21.96	21.96	43.91	228.34	184.43
20000-018285	Mulberry St, Nashua - 2014 Water Main Improvements	09/01/2015	9	27,176.09	62	6	36.23	217.41	Yes	41.81	41.81	83.62	434.82	351.20
20000-018287	Mulberry St, Nashua - 2014 Water Main Improvements - P&F inventory	09/01/2015	9	567.59	62	6	0.76	4.54	Yes	0.87	0.87	1.75	9.08	7.34
20000-018288	Mulberry St, Nashua - 2014 Water Main Improvements - labor	09/01/2015	9	3,596.40	62	6	4.80	28.77	Yes	5.53	5.53	11.07	57.54	46.48
20000-018289	Mulberry St, Nashua - 2014 Water Main Improvements - labor oh	09/01/2015	9	1,975.14	62	6	2.63	15.80	Yes	3.04	3.04	6.08	31.60	25.52
20000-018290	Mulberry St, Nashua - 2014 Water Main Improvements - misc. equip.	09/01/2015	9	54.00	62	6	0.07	0.43	Yes	0.08	0.08	0.17	0.86	0.70
20000-018291	Mulberry St, Nashua - 2014 Water Main Improvements - truck	09/01/2015	9	467.50	62	6	0.62	3.74	Yes	0.72	0.72	1.44	7.48	6.04
20000-018292	Harbor Ave Main Improvements - mains	09/01/2015	9	30,403.30	62	6	40.54	243.23	Yes	46.77	46.77	93.55	486.45	392.90
20000-018301	Allds St. (Burke St.) Main Replacement	09/01/2015	9	12,462.08	62	6	16.62	99.70	Yes	19.17	19.17	38.34	199.39	161.05
20000-018303	Allds St. (Burke St.) Main Replacement - labor	09/01/2015	9	222.10	62	6	0.30	1.78	Yes	0.34	0.34	0.68	3.55	2.87
20000-018304	Allds St. (Burke St.) Main Replacement - labor oh	09/01/2015	9	121.98	62	6	0.16	0.98	Yes	0.19	0.19	0.38	1.95	1.58
20000-018305	Allds St. (Burke St.) Main Replacement - truck	09/01/2015	9	85.05	62	6	0.11	0.68	Yes	0.13	0.13	0.26	1.36	1.10
20000-018308	Allds Street Nashua (Burke St) Water Main Replacement - mains	09/01/2015	9	444,474.68	62	6	592.63	3,555.80	Yes	683.81	683.81	1,367.61	7,111.59	5,743.98
20000-018312	Allds Street Nashua (Burke St) Water Main Replacement - compressor	09/01/2015	9	34.20	62	6	0.05	0.27	Yes	0.05	0.05	0.11	0.55	0.44
20000-018313	Allds Street Nashua (Burke St) Water Main Replacement - P&F Inv	09/01/2015	9	3,170.91	62	6	4.23	25.37	Yes	4.88	4.88	9.76	50.73	40.98
20000-018314	Allds Street Nashua (Burke St) Water Main Replacement - labor	09/01/2015	9	4,033.99	62	6	5.38	32.27	Yes	6.21	6.21	12.41	64.54	52.13
20000-018315	Allds Street Nashua (Burke St) Water Main Replacement - labor oh	09/01/2015	9	2,215.47	62	6	2.95	17.72	Yes	3.41	3.41	6.82	35.45	28.63
20000-018316	Allds Street Nashua (Burke St) Water Main Replacement - misc. equip.	09/01/2015	9	18.00	62	6	0.02	0.14	Yes	0.03	0.03	0.06	0.29	0.23
20000-018317	Allds Street Nashua (Burke St) Water Main Replacement - truck	09/01/2015	9	753.30	62	6	1.00	6.03	Yes	1.16	1.16	2.32	12.05	9.73
20000-018363	Harbor Ave Main Improvements - mains	10/01/2015	10	3,195.00	62	6	4.26	25.56	Yes	3.93	3.93	7.86	51.12	43.26
20000-018371	Allds Street Nashua (Burke St) Water Main Replacement - Mains	10/01/2015	10	74,696.14	62	6	99.59	597.57	Yes	91.93	91.93	183.87	1,195.14	1,011.27
20000-018372	Allds Street Nashua (Burke St) Water Main Replacement - Mains	10/01/2015	10	0.64	62	6	0.00	0.01	Yes	0.00	0.00	0.00	0.01	0.01
20000-018386	Temple St, Nashua - 2015 Nashua Water Main Replacements	10/01/2015	10	149,921.05	62	6	199.89	1,199.37	Yes	184.52	184.52	369.04	2,398.74	2,029.70
20000-018388	Temple St, Nashua - 2015 Nashua Water Main Replacements - compressor	10/01/2015	10	34.20	62	6	0.05	0.27	Yes	0.04	0.04	0.08	0.55	0.46
20000-018389	Temple St, Nashua - 2015 Nashua Water Main Replacements - inventory	10/01/2015	10	224.79	62	6	0.30	1.80	Yes	0.28	0.28	0.55	3.60	3.04
20000-018390	Temple St, Nashua - 2015 Nashua Water Main Replacements - labor	10/01/2015	10	1,424.71	62	6	1.90	11.40	Yes	1.75	1.75	3.51	22.80	19.29
20000-018391	Temple St, Nashua - 2015 Nashua Water Main Replacements - labor oh	10/01/2015	10	782.45	62	6	1.04	6.26	Yes	0.96	0.96	1.93	12.52	10.59
20000-018392	Temple St, Nashua - 2015 Nashua Water Main Replacements - truck	10/01/2015	10	229.27	62	6	0.31	1.83	Yes	0.28	0.28	0.56	3.67	3.10
20000-018461	Rochette Ave, Nashua - 2015 Nashua Water Main Replacements - Mains	11/01/2015	11	25,882.31	62	6	34.51	207.06	Yes	23.89	23.89	47.78	414.12	366.33
20000-018465	Marquis St, Nashua - 2015 Nashua Water Main Improvements - Mains	11/01/2015	11	15,909.53	62	6	21.21	127.28	Yes	14.69	14.69	29.37	254.55	225.18
20000-018467	Chestnut St, Nashua - 2015 Nashua Water Main Replacements - Mains	11/01/2015	11	155,492.96	62	6	207.32	1,243.94	Yes	143.53	143.53	287.06	2,487.89	2,200.82
20000-018471	Chestnut St. 2015 Nashua Water Main Replacements	11/01/2015	11	1,102.97	62	6	1.47	8.82	Yes	1.02	1.02	2.04	17.65	15.61
20000-018472	Chestnut St. 2015 Nashua Water Main Replacements	11/01/2015	11	36.65	62	6	0.05	0.29	Yes	0.03	0.03	0.07	0.59	0.52
20000-018473	Chestnut St. 2015 Nashua Water Main Replacements	11/01/2015	11	605.75	62	6	0.81	4.85	Yes	0.56	0.56	1.12	9.69	8.57
20000-018474	Chestnut St. 2015 Nashua Water Main Replacements	11/01/2015	11	283.50	62	6	0.38	2.27	Yes	0.26	0.26	0.52	4.54	4.01
20000-018475	Ash St, Nashua - 2015 Nashua Water Main Replacements - Mains	11/01/2015	11	50,101.20	62	6	66.80	400.81	Yes	46.25	46.25	92.49	801.62	709.12
20000-018478	Ash St, Nashua - 2015 Nashua Water Main Replacements - labor	11/01/2015	11	455.90	62	6	0.61	3.65	Yes	0.42	0.42	0.84	7.29	6.45
20000-018479	Ash St, Nashua - 2015 Nashua Water Main Replacements - loh	11/01/2015	11	250.38	62	6	0.33	2.00	Yes	0.23	0.23	0.46	4.01	3.54
20000-018480	Ash St, Nashua - 2015 Nashua Water Main Replacements - comp	11/01/2015	11	34.20	62	6	0.05	0.27	Yes	0.03	0.03	0.06	0.55	0.48
20000-018481	Ash St, Nashua - 2015 Nashua Water Main Replacements - truck	11/01/2015	11	94.50	62	6	0.13	0.76	Yes	0.09	0.09	0.17	1.51	1.34
20000-018485	Lovell Street Main Replacement - Mains	11/01/2015	11	170,336.47	62	6	227.12	1,362.69	Yes	157.23	157.23	314.47	2,725.38	2,410.92
20000-018487	Lovell Street Main Replacement - labor	11/01/2015	11	75.87	62	6	0.10	0.61	Yes	0.07	0.07	0.14	1.21	1.07
20000-018488	Lovell Street Main Replacement - labor oh	11/01/2015	11	41.67	62	6	0.06	0.33	Yes	0.04	0.04	0.08	0.67	0.59
20000-018489	Lovell Street Main Replacement - truck	11/01/2015	11	27.00	62	6	0.04	0.22	Yes	0.02	0.02	0.05	0.43	0.38
20000-018499	Howard St. Emergency Main Replacement - Nashua Main Replacements - labor	11/01/2015	11	622.28	62	6	0.83	4.98	Yes	0.57	0.57	1.15	9.96	8.81
20000-018500	Howard St. Emergency Main Replacement - Nashua Main Replacements - labor oh	11/01/2015	11	341.76	62	6	0.46	2.73	Yes	0.32	0.32	0.63	5.47	4.84
20000-018501	Howard St. Emergency Main Replacement - Nashua Main Replacements - truck	11/01/2015	11	175.50	62	6	0.23	1.40	Yes	0.16	0.16	0.32	2.81	2.48
20000-018502	Howard St. Emergency Main Replacement - Nashua Main Replacements - inv	11/01/2015	11	183.19	62	6	0.24	1.47	Yes	0.17	0.17	0.34	2.93	2.59
20000-018503	Howard St. Emergency Main Replacement - Nashua Main Replacements - Mains	11/01/2015	11	124,061.71	62	6	165.42	992.49	Yes	114.52	114.52	229.04	1,984.99	1,755.95
20000-018509	Harbor Ave Main Improvements - mains	11/01/2015	11	50,988.19	62	6	67.98	407.91	Yes	47.07	47.07	94.13	815.81	721.68
20000-018512	Allds Street Nashua (Burke St) Water Main Replacement - Mains	11/01/2015	11	111,200.40	62	6	148.27	889.60	Yes	102.65	102.65	205.29	1,779.21	1,573.91
20000-018636	Harbor Ave Main Improvements - Mains	12/01/2015	12	2,536.20	62	6	3.38	20.29	Yes	1.56	1.56	3.12	40.58	37.46
20000-018642	Allds Street Nashua (Burke St) Water Main Replacement - Mains	12/01/2015	12	3,476.64	62	6	4.64	27.81	Yes	2.14	2.14	4.28	55.63	51.35
20000-018645	Temple St, Nashua - 2015 Nashua Water Main Replacements - mains	12/01/2015	12	150,009.08	62	6	200.01	1,200.07	Yes	92.31	92.31	184.63	2,400.15	2,215.52
20000-018652	Burke St. Main Replacement	12/01/2015	12	700.75	62	6	0.93	5.61	No	0.43	0.43	0.86	11.21	-
20000-018653	Howard St. Emergency Main Replacement - Nashua Main Replacements	12/01/2015	12	94.54	62	6	0.13	0.76	Yes	0.06	0.06	0.12	1.51	1.40
20000-018654	Lovell Street Main Replacement - Mains	12/01/2015	12	209.99	62	6	0.28	1.68	Yes	0.13	0.13	0.26	3.36	3.10
20000-018659	Foundry Street, Amherst - Water Main Replacement (Foundry St, carry over)	12/01/2015	12	197.83	62	6	0.26	1.58	Yes	0.12	0.12	0.24	3.17	2.92
20000-018660	Oak St, Nashua - 2015 Water Main Improvements	12/01/2015	12	379.93	62	6	0.51	3.04	No	0.23	0.23	0.47	6.08	-
20000-018661	Oak St, Nashua - 2015 Water Main Improvements	12/01/2015	12	208.73	62	6	0.28	1.67	No	0.13	0.13	0.26	3.34	-
20000-018662	Oak St, Nashua - 2015 Water Main Improvements	12/01/2015	12	114.63	62	6	0.15	0.92	No	0.07	0.07	0.14	1.83	-
20000-018663	Cross St, Nashua - 2015 Water Main Improvements	12/01/2015	12	479.59	62	6	0.64	3.84	No	0.30	0.30	0.59	7.67	-
20000-018664	Eldridge St Nashua, Main Replacement - 2015 Carryover- Main	12/01/2015	12	48.37	62	6	0.06	0.39	Yes	0.03	0.03	0.06	0.77	0.71
20000-018665	Court St Main Replacement	12/01/2015	12	303.70	62	6	0.40	2.43	No	0.19	0.19	0.37	4.86	-
20000-018666	Mulberry St, Nashua - 2014 Water Main Improvements	12/01/2015	12	476.67	62	6	0.64	3.81	Yes	0.29	0.29	0.59	7.63	7.04
20000-018668	Baldwin St Main Replacement	12/01/2015	12	556.58	62	6	0.74	4.45	No	0.34	0.34	0.69	8.91	-
20000-018672	Broad St. Parkway Phase 3 Water Main Replacement - Broad St., Nashua - mains	12/01/2015	12	321.48	62	6	0.43	2.57	Yes	0.20	0.20	0.40	5.14	4.75
20000-018673	Chestnut St, Nashua - 2015 Nashua Water Main Replacements	12/01/2015	12	134.92	62	6	0.18	1.08	Yes	0.08	0.08	0.17	2.16	1.99
20000-018690	New Section of Main - Kinsley St. from Main St. for future sewer/water	12/02/2015	12	87,567.24	62	6	116.76	700.54	Yes	53.89	53.89	107.78	1,401.08	1,293.30
20000-018691	New Section of Main - Kinsley St. from Main St. for future sewer/water	12/02/2015	12	39.29	62	6	0.05	0.31	Yes	0.02	0.02	0.05	0.63	0.58
20000-018692	New Section of Main - Kinsley St. from Main St. for future sewer/water	12/02/2015	12	21.57	62	6	0.03	0.17	Yes	0.01	0.01	0.03	0.35	0.32
20000-018693	New Section of Main - Kinsley St. from Main St. for future sewer/water	12/02/2015	12	27.67	62	6	0.04	0.22	Yes	0.02	0.02	0.03	0.44	0.41
20000-018694	New Section of Main - Kinsley St. from Main St. for future sewer/water	12/02/2015	12	11.48	62	6	0.02	0.09	Yes	0.01	0.01	0.01	0.18	0.17
20000-018695	New Section of Main - Kinsley St. from Main St. for future sewer/water	12/02/2015	12	3,389.73	62	6	4.52	27.12	Yes	2.09	2.09	4.17	54.24	50.06
Subtotal: 331200-2000-001 (117)				**2,110,658.49**				**16,885.27**		**3,048.38**	**3,048.38**	**6,096.77**	**33,770.54**	**27,611.30**
Asset Type: Distribution Mains - Gates														
Asset GL Acct #: 331250-2000-001														
20000-017682	Aldgate (#7): Nashua - Gate Valves: 1" - Core - Install B.O	03/01/2015	3	1,078.88	62	6	1.44	8.63	Yes	3.65	3.65	7.30	17.26	9.96
20000-017774	Broad St. Parkway Phase 3 Water Main Replacement - Fairmont St, Nashua - gates	04/01/2015	4	1,099.68	62	6	1.47	8.80	Yes	3.38	3.38	6.77	17.59	10.83
20000-017894	West Hollis Street (#700): Nashua - Gate Valves: 1" - Core	06/01/2015	6	1,228.96	62	6	1.64	9.83	Yes	3.03	3.03	6.05	19.66	13.61
20000-018099	Burke St. Main Replacement - 2015 Carryover	08/01/2015	8	2,250.00	62	6	3.00	18.00	Yes	4.15	4.15	8.31	36.00	27.69
20000-018103	Mulberry St, Nashua - 2014 Water Main Improvements	08/01/2015	8	1,175.49	62	6	1.57	9.40	Yes	2.17	2.17	4.34	18.81	14.47
20000-018104	Courtland St. @ Manchester St.: Nashua - Gate Valves: 4"	08/01/2015	8	4,885.68	62	6	6.51	39.09	Yes	9.02	9.02	18.04	78.17	60.13
20000-018105	Chestnut (#125): Nashua - Gate Valves: 4"	08/01/2015	8	2,732.97	62	6	3.64	21.86	Yes	5.05	5.05	10.09	43.73	33.64

Asset ID	Asset Description	In Service	Month in Service	Book Cost	Years	Months	Monthly Deprec Rate	Half Yr Dep	NRPA - Settlement Agreement in DW13-130	13-Mo Avg Accum Depr (Actual)	Adj to reflect Full-Year Depr Exp	13-Mo Avg Accum Depr - Full-Year Exp	Full-Year Depr Exp	Adj to reflect Year-end A/D for NRPA
20000-018162	Manchester St (#): Nashua - Gate Valves: 4" - Core Additional Charges To Gate Replacement On	09/01/2015	9	631.09	62	6	0.84	5.05	Yes	0.97	0.97	1.94	10.10	8.16
20000-018286	Mulberry St, Nashua - 2014 Water Main Improvements	09/01/2015	9	1,030.86	62	6	1.37	8.25	Yes	1.59	1.59	3.17	16.49	13.32
20000-018306	Warner Street Air Release Valve	09/01/2015	9	1,125.00	62	6	1.50	9.00	Yes	1.73	1.73	3.46	18.00	14.54
20000-018309	Allds Street Nashua (Burke St) Water Main Replacement - gates	09/01/2015	9	13,546.20	62	6	18.06	108.37	Yes	20.84	20.84	41.68	216.74	175.06
20000-018318	Warner Street Air Release Valve - labor	09/01/2015	9	75.89	62	6	0.10	0.61	Yes	0.12	0.12	0.23	1.21	0.98
20000-018319	Warner Street Air Release Valve - loh	09/01/2015	9	41.68	62	6	0.06	0.33	Yes	0.06	0.06	0.13	0.67	0.54
20000-018320	Warner Street Air Release Valve- truck	09/01/2015	9	29.70	62	6	0.04	0.24	Yes	0.05	0.05	0.09	0.48	0.38
20000-018321	Warner Street Air Release Valve- inv	09/01/2015	9	891.34	62	6	1.19	7.13	Yes	1.37	1.37	2.74	14.26	11.52
20000-018370	Allds Street Nashua (Burke St) Water Main Replacement - gate	10/01/2015	10	3,060.00	62	6	4.08	24.48	Yes	3.77	3.77	7.53	48.96	41.43
20000-018385	Temple St, Nashua - 2015 Nashua Water Main Replacements	10/01/2015	10	5,913.90	62	6	7.89	47.31	Yes	7.28	7.28	14.56	94.62	80.07
20000-018462	Rochette Ave, Nashua - 2015 Nashua Water Main Replacements - Gates	11/01/2015	11	675.00	62	6	0.90	5.40	Yes	0.62	0.62	1.25	10.80	9.55
20000-018464	Marquis St, Nashua - 2015 Nashua Water Main Improvements - Gates	11/01/2015	11	675.00	62	6	0.90	5.40	Yes	0.62	0.62	1.25	10.80	9.55
20000-018468	Chestnut St, Nashua - 2015 Nashua Water Main Replacements - Gates	11/01/2015	11	7,650.00	62	6	10.20	61.20	Yes	7.06	7.06	14.12	122.40	108.28
20000-018476	Ash St, Nashua - 2015 Nashua Water Main Replacements - Gates	11/01/2015	11	1,575.00	62	6	2.10	12.60	Yes	1.45	1.45	2.91	25.20	22.29
20000-018483	Lovell Street Main Replacement - Gates	11/01/2015	11	9,450.00	62	6	12.60	75.60	Yes	8.72	8.72	17.45	151.20	133.75
20000-018504	Howard St. Emergency Main Replacement - Nashua Main Replacements - Gates	11/01/2015	11	3,870.00	62	6	5.16	30.96	Yes	3.57	3.57	7.14	61.92	54.78
20000-018644	Temple St, Nashua - 2015 Nashua Water Main Replacements - gates	12/01/2015	12	3,832.20	62	6	5.11	30.66	Yes	2.36	2.36	4.72	61.32	56.60
Subtotal: 331250-2000-001 (24)				**68,524.52**				**548.20**		**92.64**	**92.64**	**185.27**	**1,096.39**	**911.12**
Asset GL Acct #: 331252-2000-001														
20000-017610	Robinson Ct, Nashua - 2014 Water Main Improvements - mains gates (4")	01/01/2015	1	587.74	62	6	0.78	4.70	Yes	2.35	2.35	4.70	9.40	4.70
Subtotal: 331252-2000-001 (1)				**587.74**				**4.70**		**2.35**	**2.35**	**4.70**	**9.40**	**4.70**
Asset Type: Distribution Mains - Paving														
Asset GL Acct #: 331002-2000-001														
20000-017645	Lake Street Paving - carryover	02/01/2015	2	12,376.97	63	8	16.20	97.20	Yes	44.86	44.86	89.72	194.40	104.68
20000-017646	Mitchell St. Main Replacement - paving	02/01/2015	2	6,411.52	63	8	8.39	50.35	Yes	23.24	23.24	46.48	100.70	54.23
20000-017716	Harbor Ave - Paving Carryover	03/01/2015	3	1,199.13	63	8	1.57	9.42	Yes	3.98	3.98	7.97	18.83	10.87
20000-018634	Mulberry St, Nashua - 2014 Water Main Improvements	12/01/2015	12	14,939.14	63	8	19.55	117.32	Yes	9.02	9.02	18.05	234.65	216.60
20000-018635	Ninth St, Nashua - 2014 Water Main Improvements	12/01/2015	12	5,770.33	63	8	7.55	45.32	Yes	3.49	3.49	6.97	90.63	83.66
Subtotal: 331002-2000-001 (5)				**40,697.09**				**319.61**		**84.60**	**84.60**	**169.19**	**639.22**	**470.03**
Asset Type: Distribution Reserviors & Standpipes														
Asset GL Acct #: 330500-2000-001														
20000-018132	Shakespeare Tank #1 Rehabilitation - Carryover (2015)	08/01/2015	8	261,900.00	45	10	476.18	2,857.09	Yes	659.33	659.33	1,318.66	5,714.18	4,395.52
Subtotal: 330500-2000-001 (1)				**261,900.00**				**2,857.09**		**659.33**	**659.33**	**1,318.66**	**5,714.18**	**4,395.52**
Asset Type: Dump Truck														
Asset GL Acct #: 341000-2000-001														
20000-017769	2015 International 4300 #360 - Replacement Dump Truck (#82) - (from accident)	04/01/2015	4	93,013.47	10	7	732.39	4,394.34	No	1,690.13	1,690.13	3,380.26	8,788.67	-
20000-017770	2015 International 4300 #360 - Replacement Dump Truck (#82) - (from accident)	04/01/2015	4	1,604.95	10	7	12.64	75.82	No	29.16	29.16	58.33	151.65	-
20000-017771	2015 International 4300 #360 - Replacement Dump Truck (#82) - (from accident)	04/01/2015	4	881.44	10	7	6.94	41.64	No	16.02	16.02	32.03	83.29	-
20000-017772	2015 International 4300 #360 - Replacement Dump Truck (#82) - (from accident)	04/01/2015	4	75.07	10	7	0.59	3.55	No	1.36	1.36	2.73	7.09	-
Subtotal: 341000-2000-001 (4)				**95,574.93**				**4,515.35**		**1,736.67**	**1,736.67**	**3,473.35**	**9,030.70**	-
Asset Type: Easements														
Asset GL Acct #: 303300-2000-001														
20000-017943	Timberline Booster Station - Easements	06/01/2015	6	1,216.61	0	0		n/a	Yes	--	--	--	--	--
20000-018157	Park St Main Replacement	08/01/2015	8	637.50	0	0		n/a	No	--	--	--	--	-
20000-018160	Purhase Agreement - Tara Heights	08/01/2015	8	358.00	0	0		n/a	No	--	--	--	--	-
20000-018302	Allds St. (Burke St.) Main Replacement - easement	09/01/2015	9	35,591.60	0	0		n/a	Yes	--	--	--	--	--
20000-018307	Allds Street Nashua (Burke St) Water Main Replacement - easements	09/01/2015	9	39,607.12	0	0		n/a	Yes	--	--	--	--	--
20000-018373	Allds Street Nashua (Burke St) Water Main Replacement - Easement	10/01/2015	10	879.13	0	0		n/a	Yes	--	--	--	--	--
Subtotal: 303300-2000-001 (6)				**78,289.96**										
Asset Type: Electric Pumping Equip: Pumps														
Asset GL Acct #: 311210-2000-001														
20000-017699	Bowers Landing - Replace VFD, Pumpl #1 - Powerflex 400- 22 KW (30HP) AC Drive	03/01/2015	3	3,437.00	22	9	12.59	75.54	No	31.96	31.96	63.92	151.08	-
20000-017700	Bowers Landing - Rebuild Pump and Motor, Fire Pump #2	03/01/2015	3	1,995.00	22	9	7.31	43.85	No	18.55	18.55	37.10	87.69	-
20000-017701	WTP - Rebuild Heat Circulator Pump	03/01/2015	3	1,895.00	22	9	6.94	41.65	No	17.62	17.62	35.24	83.30	-
20000-017755	Bowers Landing Station - Replace VFD, Booster Pump #3	04/01/2015	4	1,465.33	22	9	5.37	32.21	No	12.39	12.39	24.77	64.41	-
20000-017946	Timberline Booster Station - Pumps	06/01/2015	6	51,096.92	22	9	187.17	1,123.01	Yes	345.54	345.54	691.08	2,246.02	1,554.94
20000-017956	Timberline Booster Station Construction - pumps	06/01/2015	6	4,245.04	22	9	15.55	93.30	Yes	28.71	28.71	57.41	186.60	129.18
20000-018035	Timberline Booster Station Construction - Pump #'s 1 & 2	07/01/2015	7	2,931.90	22	9	10.74	64.44	Yes	17.35	17.35	34.70	128.87	94.18
20000-018036	Timberline Booster Station Construction - Pump #3	07/01/2015	7	1,314.60	22	9	4.82	28.89	Yes	7.78	7.78	15.56	57.78	42.23
20000-018041	Timberline Booster Station Construction - 100 HP Peerless Horizontal Split Case CI Pumps (3)	07/01/2015	7	6,043.13	22	9	22.14	132.82	Yes	35.76	35.76	71.52	265.63	194.12
20000-018101	Timberline Booster Station Construction - structure improvements	08/01/2015	8	2,295.00	22	9	8.41	50.44	Yes	11.64	11.64	23.28	100.88	77.60
20000-018300	Sky Meadow - Rebuild Pump #1	09/01/2015	9	1,995.00	22	9	7.31	43.85	No	8.43	8.43	16.86	87.69	-
20000-018670	WTP - Replace Pump Bearing, High Lift 4	12/01/2015	12	5,145.75	22	9	18.85	113.09	No	8.70	8.70	17.40	226.19	-
20000-018671	WTP - Replace Jet Pump Mixers (2)	12/01/2015	12	13,278.59	22	9	48.64	291.84	No	22.45	22.45	44.90	583.67	-
Subtotal: 311210-2000-001 (13)				**97,138.26**				**2,134.91**		**566.87**	**566.87**	**1,133.74**	**4,269.81**	**2,092.24**
Asset Type: Electric Pumping Equipment														
Asset GL Acct #: 311200-2000-001														
20000-017953	Timberline Booster Station Construction - brass bushing for PRV	06/01/2015	6	3.87	22	9	0.01	0.09	Yes	0.03	0.03	0.05	0.17	0.12
20000-017955	Timberline Booster Station Construction - electrical for pumps and piping	06/01/2015	6	83,050.75	22	9	304.22	1,825.29	Yes	561.63	561.63	1,123.26	3,650.58	2,527.33
20000-018037	Timberline Booster Station Construction - start up	07/01/2015	7	1,614.60	22	9	5.91	35.49	Yes	9.55	9.55	19.11	70.97	51.86
Subtotal: 311200-2000-001 (3)				**84,669.22**				**1,860.86**		**571.21**	**571.21**	**1,142.42**	**3,721.72**	**2,579.31**
Asset Type: Gate Valve Paving														
Asset GL Acct #: 331003-2000-001														
20000-018581	Gate Vale Paving	11/01/2015	11	3,276.99	63	8	4.29	25.74	No	2.97	2.97	5.94	51.47	-
Subtotal: 331003-2000-001 (1)				**3,276.99**				**25.74**		**2.97**	**2.97**	**5.94**	**51.47**	-
Asset Type: General & Miscellaneous Structures														
Asset GL Acct #: 304700-2000-001														
20000-017990	Will St. Water Heater	06/01/2015	6	3,164.75	40	8	6.49	38.91	No	11.97	11.97	23.95	77.82	-
Subtotal: 304700-2000-001 (1)				**3,164.75**				**38.91**		**11.97**	**11.97**	**23.95**	**77.82**	-
Asset Type: Hydrants														
Asset GL Acct #: 335000-2000-001														
20000-017776	Broad St. Parkway Phase 3 Water Main Replacement - Fairmont St, Nashua - hydrants	04/01/2015	4	100.03	44	8	0.19	1.12	Yes	0.43	0.43	0.86	2.24	1.38
20000-017777	Broad St. Parkway Phase 3 Water Main Replacement - Fairmont St, Nashua - hydrants	04/01/2015	4	555.79	44	8	1.04	6.22	Yes	2.39	2.39	4.79	12.44	7.66
20000-018294	Harbor Ave Main Improvements - hydrants	09/01/2015	9	5,197.50	44	8	9.70	58.18	Yes	11.19	11.19	22.38	116.36	93.98
20000-018311	Allds Street Nashua (Burke St) Water Main Replacement - hydrants	09/01/2015	9	16,674.30	44	8	31.11	186.65	Yes	35.89	35.89	71.79	373.31	301.52
20000-018368	Allds Street Nashua (Burke St) Water Main Replacement - Hydrant	10/01/2015	10	7,200.00	44	8	13.43	80.60	Yes	12.40	12.40	24.80	161.19	136.39
20000-018469	Chestnut St, Nashua - 2015 Nashua Water Main Replacements - hydrants	11/01/2015	11	21,998.25	44	8	41.04	246.25	Yes	28.41	28.41	56.83	492.50	435.67
20000-018486	Lovell Street Main Replacement - Hydrants	11/01/2015	11	14,469.75	44	8	27.00	161.97	Yes	18.69	18.69	37.38	323.95	286.57
20000-018647	Temple St, Nashua - 2015 Nashua Water Main Replacements - hydrants	12/01/2015	12	22,738.50	44	8	42.42	254.54	Yes	19.58	19.58	39.16	509.07	469.91
Subtotal: 335000-2000-001 (8)				**88,934.12**				**995.53**		**128.99**	**128.99**	**257.98**	**1,991.06**	**1,733.08**
Asset GL Acct #: 335005-2000-001														
20000-017574	Marie Ave (#39): Nashua - Repaired Hydrant	01/01/2015	1	3,399.90	44	8	6.34	38.06	Yes	19.03	19.03	38.06	76.12	38.06
20000-017895	East Hollis Streeet (#70): Nashua - Repaired Hydrant - Core	06/01/2015	6	4,983.52	44	8	9.30	55.79	Yes	17.16	17.16	34.33	111.57	77.24
20000-017896	Main Street @ Eldridge Street: Nashua - Repaired Hydrant - Core	06/01/2015	6	3,830.75	44	8	7.15	42.88	Yes	13.19	13.19	26.39	85.76	59.37
20000-018008	Natick (#31): Nashua - Repaired Hydrant - Core	07/01/2015	7	2,925.43	44	8	5.46	32.75	Yes	8.82	8.82	17.63	65.49	47.86
20000-018106	Main St (#188): Nashua - Repaired Hydrant	08/01/2015	8	6,228.14	44	8	11.62	69.72	Yes	16.09	16.09	32.18	139.44	107.26
20000-018107	Main St (#168): Nashua - Repaired Hydrant	08/01/2015	8	7,692.47	44	8	14.35	86.11	Yes	19.87	19.87	39.74	172.22	132.48
20000-018108	Courtland St. @ Manchester St.: Nashua - Repaired Hydrant	08/01/2015	8	7,877.56	44	8	14.70	88.18	Yes	20.35	20.35	40.70	176.36	135.66
20000-018109	E. Hobart St. @ Elgin St.: Nashua - Repaired Hydrant	08/01/2015	8	2,720.20	44	8	5.08	30.45	Yes	7.03	7.03	14.05	60.90	46.85
20000-018110	E. Hobart St. (#110): Nashua - Repaired Hydrant	08/01/2015	8	3,093.03	44	8	5.77	34.62	Yes	7.99	7.99	15.98	69.25	53.27
20000-018156	Mulberry St, Nashua - 2014 Water Main Improvements	08/01/2015	8	5,118.52	44	8	9.55	57.30	Yes	13.22	13.22	26.44	114.59	88.15
20000-018163	Manchester St (#): Nashua - Repaired Hydrant - Core Additional Material And Charges Associated	09/01/2015	9	574.55	44	8	1.07	6.43	Yes	1.24	1.24	2.47	12.86	10.39
20000-018164	East Hobart St (#): Nashua - Replaced Hydrant - Core	09/01/2015	9	3,678.96	44	8	6.86	41.18	Yes	7.92	7.92	15.84	82.36	66.53
20000-018165	Manchester St @ Watson: Nashua - Replaced Hydrant - Core	09/01/2015	9	6,308.61	44	8	11.77	70.62	Yes	13.58	13.58	27.16	141.24	114.08
20000-018166	Manchester St (#): Nashua - Replaced Hydrant - Core	09/01/2015	9	4,321.63	44	8	8.06	48.38	Yes	9.30	9.30	18.61	96.75	78.15
20000-018432	Pine St @ Central St: Nashua - Repaired Hydrant - Core	10/01/2015	10	3,201.02	44	8	5.97	35.83	Yes	5.51	5.51	11.03	71.66	60.64
20000-018433	Manchester @ Courtland: Nashua - Repaired Hydrant - Core	10/01/2015	10	955.48	44	8	1.78	10.70	Yes	1.65	1.65	3.29	21.39	18.10
20000-018434	Beverlee Dr. (#20): Nashua - Repaired Hydrant - Core	10/01/2015	10	3,223.44	44	8	6.01	36.08	Yes	5.55	5.55	11.10	72.17	61.06
20000-018567	Central St (#): Nashua - Repaired Hydrant - Core Relocate Hydrant @ Central St	11/01/2015	11	4,320.94	44	8	8.06	48.37	Yes	5.58	5.58	11.16	96.74	85.58
Subtotal: 335005-2000-001 (18)				**74,454.15**				**833.44**		**193.08**	**193.08**	**386.17**	**1,666.88**	**1,280.71**
Asset Type: Laboratory Equipment														
Asset GL Acct #: 344000-2000-001														
20000-018046	Purchase New Cyannomonitoring Kit	07/01/2015	7	2,736.36	20	0	11.40	68.41	No	18.42	18.42	36.84	136.82	-
20000-018384	Purchase New DR900-Colorimeter	10/01/2015	10	1,285.24	20	0	5.36	32.13	No	4.94	4.94	9.89	64.26	-
Subtotal: 344000-2000-001 (2)				**4,021.60**				**100.54**		**23.36**	**23.36**	**46.72**	**201.08**	-
Asset Type: Land														
Asset GL Acct #: 303100-2000-001														
20000-018675	City of Nashua Land Purchase Map 52/Lot81, Lot 85 & Lot 23 (Watershed Land)	12/01/2015	12	44,828.99	0	0		n/a	No	--	--	--	--	-
Subtotal: 303100-2000-001 (1)				**44,828.99**										
Asset Type: Non-Union Vehicles														
Asset GL Acct #: 341000-2000-001														
20000-018676	2015 Chevy 1500 Silverado - Supervisor Vehicle Replacement	12/01/2015	12	31,008.67	10	7	244.16	1,464.98	No	112.69	112.69	225.38	2,929.95	-
20000-018677	2015 Chevy 1500 Silverado - Supervisor Vehicle Replacement - labor	12/01/2015	12	87.52	10	7	0.69	4.13	No	0.32	0.32	0.64	8.27	-
20000-018678	2015 Chevy 1500 Silverado - Supervisor Vehicle Replacement - labor oh	12/01/2015	12	48.07	10	7	0.38	2.27	No	0.17	0.17	0.35	4.54	-
Subtotal: 341000-2000-001 (3)				**31,144.26**				**1,471.38**		**113.18**	**113.18**	**226.37**	**2,942.76**	-
Asset Type: Power & Pumping Structures														
Asset GL Acct #: 304200-2000-001														
20000-018047	Dean and main Building Evaluation	07/01/2015	7	9,290.00	41	0	18.88	113.29	No	30.50	30.50	61.00	226.59	-
20000-018128	Dean and main Building Evaluation	08/01/2015	8	8,519.40	41	0	17.32	103.90	No	23.98	23.98	47.95	207.79	-
Subtotal: 304200-2000-001 (2)				**17,809.40**				**217.19**		**54.48**	**54.48**	**108.96**	**434.38**	-
Asset Type: Power Generation Equipment														
Asset GL Acct #: 310000-2000-001														
20000-017945	Timberline Booster Station - Generator	06/01/2015	6	51,908.64	22	0	196.62	1,179.74	Yes	363.00	363.00	725.99	2,359.48	1,633.49
20000-017957	Timberline Booster Station Construction - generator	06/01/2015	6	11,041.78	22	0	41.82	250.95	Yes	77.22	77.22	154.43	501.90	347.47
Subtotal: 310000-2000-001 (2)				**62,950.42**				**1,430.69**		**440.21**	**440.21**	**880.43**	**2,861.38**	**1,980.96**
Asset Type: Renewed Services														
Asset GL Acct #: 333200-2000-001														
20000-017581	Leslie Ln (#8): Nashua - 1" Renewed Services: M To S	01/01/2015	1	3,534.65	42	9	6.89	41.34	Yes	20.67	20.67	41.34	82.68	41.34
20000-017605	Grove St, Nashua - 2014 Water Main Improvements - services	01/01/2015	1	5,634.00	42	9	10.98	65.89	Yes	32.95	32.95	65.89	131.79	65.89
20000-017607	Eldridge St Nashua, Main Replacement - services	01/01/2015	1	1,056.10	42	9	2.06	12.35	Yes	6.18	6.18	12.35	24.70	12.35
20000-017609	Robinson Ct, Nashua - 2014 Water Main Improvements - services	01/01/2015	1	4,123.22	42	9	8.04	48.22	Yes	24.11	24.11	48.22	96.45	48.22
20000-017613	Belmont St, Nashua - 2014 Water Main Improvements - services	01/01/2015	1	3,956.08	42	9	7.71	46.27	Yes	23.13	23.13	46.27	92.54	46.27
20000-017632	Wethersfield Rd. (#37): Nashua - 1" Renewed Services: M To S - Core	02/01/2015	2	2,811.48	42	9	5.48	32.88	Yes	15.18	15.18	30.35	65.77	35.41
20000-017633	Barker Ave. (#9): - 1" Renewed Services: M To S - Core	02/01/2015	2	4,471.40	42	9	8.72	52.30	Yes	24.14	24.14	48.27	104.59	56.32

Asset ID	Asset Description	In Service	Month in Service	Book Cost	Years	Months	Monthly Deprec Rate	Half Yr Dep	NRPA - Settlement Agreement in DW13-130	13-Mo Avg Accum Depr (Actual)	Adj to reflect Full-Year Depr Exp	13-Mo Avg Accum Depr - Full-Year Exp	Full-Year Depr Exp	Adj to reflect Year-end A/D for NRPA
20000-017690	Aldgate (#7): Nashua - 1" Renewed Services: M To S - Core	03/01/2015	3	4,377.87	42	9	8.53	51.20	Yes	21.66	21.66	43.33	102.41	59.08
20000-017691	Lantern Ln (#7): Nashua - 1" Renewed Services: M To S - Core	03/01/2015	3	2,446.69	42	9	4.77	28.62	Yes	12.11	12.11	24.21	57.23	33.02
20000-017764	Bruce St (#5): Nashua - 1" Renewed Services: M To S - Core	04/01/2015	4	2,336.82	42	9	4.56	27.33	Yes	10.51	10.51	21.02	54.66	33.64
20000-017775	Broad St. Parkway Phase 3 Water Main Replacement - Fairmont St, Nashua - services	04/01/2015	4	7,378.94	42	9	14.38	86.30	Yes	33.19	33.19	66.39	172.61	106.22
20000-017806	Tinker Rd (#52): Nashua - 1" Renewed Services: M To S	05/01/2015	5	1,881.63	42	9	3.67	22.01	Yes	7.62	7.62	15.24	44.01	28.78
20000-017807	Biscayne Pkwy (#16): Nashua - 1" Renewed Services: M To S	05/01/2015	5	2,733.25	42	9	5.33	31.97	Yes	11.07	11.07	22.13	63.94	41.80
20000-017808	Park Ave (#24): Nashua - 1" Renewed Services: M To S	05/01/2015	5	1,532.26	42	9	2.99	17.92	Yes	6.20	6.20	12.41	35.84	23.44
20000-017809	Lake St (#32): Nashua - 1" Renewed Services: M To S	05/01/2015	5	1,001.49	42	9	1.95	11.71	Yes	4.05	4.05	8.11	23.43	15.32
20000-017906	Pratt Street (#25), Nashua: - 1" Renewed Services: M To S - Core	06/01/2015	6	681.61	42	9	1.33	7.97	Yes	2.45	2.45	4.91	15.94	11.04
20000-017907	Park Ave (#24): Nashua - 1" Renewed Services: M To S - Core Additional Charges To Original Wo	06/01/2015	6	133.83	42	9	0.26	1.57	Yes	0.48	0.48	0.96	3.13	2.17
20000-018019	Vine St (#95): Nashua - 1" Renewed Services	07/01/2015	7	801.75	42	9	1.56	9.38	Yes	2.52	2.52	5.05	18.75	13.71
20000-018121	Hopkins St. (#8): Nashua - 1" Renewed Services: M To S	08/01/2015	8	1,014.35	42	9	1.98	11.86	Yes	2.74	2.74	5.48	23.73	18.25
20000-018122	Pine Hill Ave. (#21): Nashua - 1" Renewed Services: M To S - Core	08/01/2015	8	1,226.10	42	9	2.39	14.34	Yes	3.31	3.31	6.62	28.68	22.06
20000-018123	W. Hollis St. (#62): Nashua - 1" Renewed Services: M To S	08/01/2015	8	1,113.42	42	9	2.17	13.02	Yes	3.01	3.01	6.01	26.04	20.03
20000-018124	Vine St. (#95): Nashua - 1" Renewed Services: M To S - Core (police detail only)	08/01/2015	8	216.99	42	9	0.42	2.54	Yes	0.59	0.59	1.17	5.08	3.90
20000-018155	Mulberry St, Nashua - 2014 Water Main Improvements	08/01/2015	8	14,785.47	42	9	28.82	172.93	Yes	39.91	39.91	79.81	345.86	266.05
20000-018175	Reservoir (#6): Nashua - 1" Renewed Services: M To S - Core	09/01/2015	9	1,573.40	42	9	3.07	18.40	Yes	3.54	3.54	7.08	36.80	29.73
20000-018176	Manchester St (#61): Nashua - 1" Renewed Services: M To S - Core	09/01/2015	9	1,694.65	42	9	3.30	19.82	Yes	3.81	3.81	7.62	39.64	32.02
20000-018177	Hollis St W (#62): Nashua - 1" Renewed Services: M To S - Core Additional Cost Associated With	09/01/2015	9	326.74	42	9	0.64	3.82	Yes	0.73	0.73	1.47	7.64	6.17
20000-018178	New Dunstable (#29): Nashua - 1" Renewed Services: M To S - Core	09/01/2015	9	1,271.73	42	9	2.48	14.87	Yes	2.86	2.86	5.72	29.75	24.03
20000-018179	Ayer (#6): Nashua - 1" Renewed Services: M To S - Core 0	09/01/2015	9	524.62	42	9	1.02	6.14	Yes	1.18	1.18	2.36	12.27	9.91
20000-018293	Harbor Ave Main Improvements - services	09/01/2015	9	24,970.05	42	9	48.67	292.05	Yes	56.16	56.16	112.33	584.09	471.77
20000-018310	Allds Street Nashua (Burke St) Water Main Replacement - services	09/01/2015	9	64,613.10	42	9	125.95	755.71	Yes	145.33	145.33	290.66	1,511.42	1,220.76
20000-018331	Cushing Ave. (#16), Nashua: Partial 1" CT Service Renewal	09/01/2015	9	1,075.79	42	9	2.10	12.58	Yes	2.42	2.42	4.84	25.16	20.33
20000-018369	Allds Street Nashua (Burke St) Water Main Replacement - Service	10/01/2015	10	2,250.00	42	9	4.39	26.32	Yes	4.05	4.05	8.10	52.63	44.53
20000-018387	Temple St, Nashua - 2015 Nashua Water Main Replacements - service	10/01/2015	10	3,726.36	42	9	7.26	43.58	Yes	6.71	6.71	13.41	87.17	73.76
20000-018442	Westwood (#113): Nashua - 1" Renewed Services: M To S - Core	10/01/2015	10	4,608.97	42	9	8.98	53.91	Yes	8.29	8.29	16.59	107.81	91.23
20000-018443	Manchester St (#56): Nashua - 1" Renewed Services: M To S - Core	10/01/2015	10	3,854.65	42	9	7.51	45.08	Yes	6.94	6.94	13.87	90.17	76.30
20000-018444	E. Dunstable (#50): Nashua - 3/4" Renewed Services: M To S - Core	10/01/2015	10	2,537.79	42	9	4.95	29.68	Yes	4.57	4.57	9.13	59.36	50.23
20000-018445	Watson (#23): Nashua - 1" Renewed Services: M To S - Core	10/01/2015	10	2,465.17	42	9	4.81	28.83	Yes	4.44	4.44	8.87	57.66	48.79
20000-018445.1	Watson (#23): Nashua - 1" Renewed Services: M To S - Core additional cost	10/01/2015	10	15.00	42	9	0.03	0.18	Yes	0.03	0.03	0.05	0.35	0.30
20000-018446	Watson (#75): Nashua - 1" Renewed Services: M To S - Core	10/01/2015	10	2,377.45	42	9	4.63	27.81	Yes	4.28	4.28	8.56	55.61	47.06
20000-018447	Ayer (#6): Nashua - 1" Renewed Services: M To S - Core	10/01/2015	10	955.48	42	9	1.86	11.18	Yes	1.72	1.72	3.44	22.35	18.91
20000-018448	Vine St (#95): Nashua - 1" Renewed Services: M To S - Core	10/01/2015	10	1,111.01	42	9	2.17	12.99	Yes	2.00	2.00	4.00	25.99	21.99
20000-018448.1	Vine St (#95): Nashua - 1" Renewed Services: M To S - Core additional cost	10/01/2015	10	37.50	42	9	0.07	0.44	Yes	0.07	0.07	0.13	0.88	0.74
20000-018449	W. Hollis St. (#62): Nashua - 1" Renewed Services: M To S - Core	10/01/2015	10	807.71	42	9	1.57	9.45	Yes	1.45	1.45	2.91	18.89	15.99
20000-018456	Cushing Ave. (#16), Nashua - 1" Partial Service Renewal (sidewalk work)	10/01/2015	10	932.12	42	9	1.82	10.90	Yes	1.68	1.68	3.35	21.80	18.45
20000-018463	Rochette Ave, Nashua - 2015 Nashua Water Main Replacements - Services	11/01/2015	11	1,125.00	42	9	2.19	13.16	Yes	1.52	1.52	3.04	26.32	23.28
20000-018466	Marquis St, Nashua - 2015 Nashua Water Main Improvements - Services	11/01/2015	11	675.00	42	9	1.32	7.89	Yes	0.91	0.91	1.82	15.79	13.97
20000-018470	Chestnut St, Nashua - 2015 Nashua Water Main Replacements - Services	11/01/2015	11	25,650.00	42	9	50.00	300.00	Yes	34.62	34.62	69.23	600.00	530.77
20000-018477	Ash St, Nashua - 2015 Nashua Water Main Replacements - Services	11/01/2015	11	2,925.00	42	9	5.70	34.21	Yes	3.95	3.95	7.89	68.42	60.53
20000-018484	Lovell Street Main Replacement - Services	11/01/2015	11	16,650.00	42	9	32.46	194.74	Yes	22.47	22.47	44.94	389.47	344.53
20000-018505	Howard St. Emergency Main Replacement - Nashua Main Replacements - Services	11/01/2015	11	7,515.00	42	9	14.65	87.89	Yes	10.14	10.14	20.28	175.79	155.51
20000-018510	Harbor Ave Main Improvements - services	11/01/2015	11	4,320.00	42	9	8.42	50.53	Yes	5.83	5.83	11.66	101.05	89.39
20000-018511	Allds Street Nashua (Burke St) Water Main Replacement - Service	11/01/2015	11	45,936.00	42	9	89.54	537.26	Yes	61.99	61.99	123.98	1,074.53	950.54
20000-018578	Dunstable Rd E (#50): Nashua - 3/4" Renewed Services: M To S - Core	11/01/2015	11	203.13	42	9	0.40	2.38	Yes	0.27	0.27	0.55	4.75	4.20
20000-018579	Monza Road (#40): Nashua - 1" Renewed Services: M To S	11/01/2015	11	2,934.38	42	9	5.72	34.32	Yes	3.96	3.96	7.92	68.64	60.72
20000-018591	Gilman St (#17-21): Nashua - 1" Renewed Services	12/01/2015	12	475.44	42	9	0.93	5.56	Yes	0.43	0.43	0.86	11.12	10.27
20000-018646	Temple St, Nashua - 2015 Nashua Water Main Replacements - services	12/01/2015	12	9,504.00	42	9	18.53	111.16	Yes	8.55	8.55	17.10	222.32	205.21
Subtotal: 333200-2000-001 (56)				**308,891.64**				**3,612.77**		**724.66**	**724.66**	**1,449.31**	**7,225.54**	**5,776.22**
Asset Type: Services														
Asset GL Acct #: 333100-2000-001														
20000-017810	West Hollis St (#700): Nashua - 1" New Service: M To S	05/01/2015	5	2,642.71	42	9	5.15	30.91	No	10.70	10.70	21.40	61.82	-
20000-017812	Robinson Ct (#2-4): Nashua - 1" New Service: M To S	05/01/2015	5	1,387.49	42	9	2.70	16.23	No	5.62	5.62	11.23	32.46	-
20000-017908	Main St (#220): Nashua - 1" New Service: M To S - Community Systems	06/01/2015	6	1,823.88	42	9	3.56	21.33	No	6.56	6.56	13.13	42.66	-
20000-017909	Robinson Ct (#2-4): Nashua - 1" New Service: M To S - Core Additional Charges To Original Wo	06/01/2015	6	74.73	42	9	0.15	0.87	No	0.27	0.27	0.54	1.75	-
20000-018180	Main Dunstable Rd (#379): Nashua - 1" New Service: M To S - Core	09/01/2015	9	1,659.85	42	9	3.24	19.41	No	3.73	3.73	7.47	38.83	-
Subtotal: 333100-2000-001 (5)				**7,588.66**				**88.76**		**26.88**	**26.88**	**53.77**	**177.51**	**-**
Asset Type: Services - Paving														
Asset GL Acct #: 333004-2000-001														
20000-017627	Lovewell St. (#1 & #3): Nashua - 1" Renewed Services: M To S - Core Paving Charges Only	02/01/2015	2	1,933.20	41	0	3.93	23.58	Yes	10.88	10.88	21.76	47.15	25.39
20000-017628	Deerhaven Dr. (#10): Nashua - 1" Renewed Services: M To S - Core Paving Charges Only	02/01/2015	2	1,885.46	41	0	3.83	22.99	Yes	10.61	10.61	21.22	45.99	24.76
20000-017629	Greenlay St. (#5): Nashua - 1" Renewed Services: M To S - Core Paving Charges Only	02/01/2015	2	1,919.91	41	0	3.90	23.41	Yes	10.81	10.81	21.61	46.83	25.21
20000-017630	Burritt St. (#14): Nashua - 1" Renewed Services: M To S - Core Paving Charges Only	02/01/2015	2	1,772.50	41	0	3.60	21.62	Yes	9.98	9.98	19.95	43.23	23.28
20000-017631	Newbugh Rd. (#27): Nashua - 1" Renewed Services: M To S - Core Paving Charges Only	02/01/2015	2	1,772.50	41	0	3.60	21.62	Yes	9.98	9.98	19.95	43.23	23.28
20000-018455	Wethersfield Rd. (#31), Nashua - Services - Paving	10/01/2015	10	1,015.36	41	0	2.06	12.38	Yes	1.90	1.90	3.81	24.76	20.95
20000-018582	Services - Paving	11/01/2015	11	28,130.09	41	0	57.17	343.05	Yes	39.58	39.58	79.17	686.10	606.93
20000-018592	Main Dunstable (#379): Nashua - Paving Services	12/01/2015	12	1,405.34	41	0	2.86	17.14	Yes	1.32	1.32	2.64	34.28	31.64
20000-018593	Watson St (#23): Nashua - Paving Services	12/01/2015	12	1,647.95	41	0	3.35	20.10	Yes	1.55	1.55	3.09	40.19	37.10
20000-018594	Watson St (#75): Nashua - Paving Services	12/01/2015	12	1,684.75	41	0	3.42	20.55	Yes	1.58	1.58	3.16	41.09	37.93
Subtotal: 333004-2000-001 (10)				**43,167.06**				**526.43**		**98.19**	**98.19**	**196.37**	**1,052.86**	**856.48**
Asset Type: Shop Equipment														
Asset GL Acct #: 343000-2000-001														
20000-018024	Meter (2") Test Bench - cubic foot tank	07/01/2015	7	3,363.75	15	0	18.69	112.13	No	30.19	30.19	60.38	224.25	-
20000-018680	Construction Sign Package	12/01/2015	12	10,984.25	15	0	61.02	366.14	No	28.16	28.16	56.33	732.28	-
Subtotal: 343000-2000-001 (2)				**14,348.00**				**478.27**		**58.35**	**58.35**	**116.70**	**956.53**	**-**
Asset Type: Union Vehicles														
Asset GL Acct #: 341000-2000-001														
20000-017615	2014 Chevy Silverado - 1500 - Purchase New Vehicle to Replace #40	01/01/2015	1	28,339.00	10	7	223.14	1,338.85	No	669.43	669.43	1,338.85	2,677.70	-
20000-017616	2014 Chevy Silverado - 1500 - Purchase New Vehicle to Replace #40 (labor)	01/01/2015	1	21.35	10	7	0.17	1.01	No	0.50	0.50	1.01	2.02	-
20000-017617	2014 Chevy Silverado - 1500 - Purchase New Vehicle to Replace #40 (loh)	01/01/2015	1	13.74	10	7	0.11	0.65	No	0.32	0.32	0.65	1.30	-
20000-017618	2014 Chevy Silverado - 1500 - Purchase New Vehicle to Replace #40 (truck)	01/01/2015	1	10.50	10	7	0.08	0.50	No	0.25	0.25	0.50	0.99	-
20000-017703	2014 Nissan NV2500 High Roof Van #342 - Replace Service Van (Van #93) CNG Equipped	03/01/2015	3	25,300.00	10	7	199.21	1,195.28	No	505.69	505.69	1,011.39	2,390.55	-
20000-017765	2015 CAM 8CAM820D Utility #386 - \nReplacement Excavator Trailer #56	04/01/2015	4	11,403.82	10	7	89.79	538.76	No	207.22	207.22	414.43	1,077.53	-
20000-017766	2015 CAM 8CAM820D Utility #386 - \nReplacement Excavator Trailer #56	04/01/2015	4	2,953.37	10	7	23.25	139.53	No	53.67	53.67	107.33	279.06	-
20000-017767	2015 CAM 8CAM820D Utility #386 - \nReplacement Excavator Trailer #56	04/01/2015	4	1,621.99	10	7	12.77	76.63	No	29.47	29.47	58.95	153.26	-
20000-017768	2015 CAM 8CAM820D Utility #386 - \nReplacement Excavator Trailer #56	04/01/2015	4	18.25	10	7	0.14	0.86	No	0.33	0.33	0.66	1.72	-
20000-017942	2015 Ford F-150 #110 - Replace Vehicle #65	06/01/2015	6	30,489.00	10	7	240.07	1,440.43	No	443.21	443.21	886.42	2,880.85	-
20000-017947	2015 Ford F-250 #310 - Replace Service Truck #18	06/01/2015	6	45,192.00	10	7	355.84	2,135.06	No	656.94	656.94	1,313.88	4,270.11	-
20000-017948	2015 Ford F-250 #310 - Replace Service Truck #18 - Labor	06/01/2015	6	277.14	10	7	2.18	13.09	No	4.03	4.03	8.06	26.19	-
20000-017949	2015 Ford F-250 #310 - Replace Service Truck #18 - Labor OH	06/01/2015	6	152.21	10	7	1.20	7.19	No	2.21	2.21	4.43	14.38	-
20000-017972	2014 Nissan NV2500 High Roof Van #342 - Replace Service Van (Van #93) CNG Equipped	06/01/2015	6	1,947.55	10	7	15.34	92.01	No	28.31	28.31	56.62	184.02	-
20000-017973	2015 Ford F-250 #210 - Replace Service Truck #202	06/01/2015	6	46,436.25	10	7	365.64	2,193.84	No	675.03	675.03	1,350.05	4,387.68	-
20000-017974	2015 Ford F-250 #210 - Replace Service Truck #202 - Labor	06/01/2015	6	718.95	10	7	5.66	33.97	No	10.45	10.45	20.90	67.93	-
20000-017975	2015 Ford F-250 #210 - Replace Service Truck #202 - Labor OH	06/01/2015	6	394.85	10	7	3.11	18.65	No	5.74	5.74	11.48	37.31	-
20000-017976	2015 Ford F-250 #210 - Replace Service Truck #202 - Truck	06/01/2015	6	105.00	10	7	0.83	4.96	No	1.53	1.53	3.05	9.92	-
20000-017977	2015 Ford Escape #341 - Service Van Replacement #72	06/01/2015	6	25,361.00	10	7	199.69	1,198.16	No	368.66	368.66	737.33	2,396.31	-
20000-017978	2015 Ford Escape #341 - Service Van Replacement #72 - Labor	06/01/2015	6	367.41	10	7	2.89	17.36	No	5.34	5.34	10.68	34.72	-
20000-017979	2015 Ford Escape #341 - Service Van Replacement #72 - Labor OH	06/01/2015	6	201.78	10	7	1.59	9.53	No	2.93	2.93	5.87	19.07	-
20000-018043	2014 Nissan NV2500 High Roof Van #342 - Replace Service Van (Van #92) CNG Equipped - Labo	07/01/2015	7	615.48	10	7	4.85	29.08	No	7.83	7.83	15.66	58.16	-
20000-018044	2014 Nissan NV2500 High Roof Van #342 - Replace Service Van (Van #92) CNG Equipped - Labo	07/01/2015	7	338.02	10	7	2.66	15.97	No	4.30	4.30	8.60	31.94	-
20000-018327	2015 Chevy Express Vehicle #343 - (Engineerin Construct. Manager)(Replacing Vehicle #93)	09/01/2015	9	27,835.69	10	7	219.18	1,315.07	No	252.90	252.90	505.80	2,630.14	-
20000-018328	2015 Chevy Express Vehicle #343 - (Engineerin Construct. Manager) - labor	09/01/2015	9	202.78	10	7	1.60	9.58	No	1.84	1.84	3.68	19.16	-
20000-018329	2015 Chevy Express Vehicle #343 - (Engineerin Construct. Manager) - labor oh	09/01/2015	9	111.37	10	7	0.88	5.26	No	1.01	1.01	2.02	10.52	-
20000-018330	2015 Chevy Express Vehicle #343 - (Engineerin Construct. Manager) - truck	09/01/2015	9	11.00	10	7	0.09	0.52	No	0.10	0.10	0.20	1.04	-
Subtotal: 341000-2000-001 (27)				**250,439.50**				**11,831.79**		**3,939.24**	**3,939.24**	**7,878.49**	**23,663.57**	**-**
Asset Type: Water Treament Equipment-Filter Media														
Asset GL Acct #: 320310-2000-001														
20000-018409	Replace Carbon Filter Media, Filters #3 - 80,000lb Filtrasorb 820-2000 LB SS/C/NL	10/01/2015	10	203,200.00	7	0	2,419.05	14,514.29	Yes	2,232.97	2,232.97	4,465.93	29,028.57	24,562.64
20000-018410	Replace Carbon Filter Media, Filters #4 - 80,000lb Filtrasorb 820-2000 LB SS/C/NL	10/01/2015	10	203,200.00	7	0	2,419.05	14,514.29	Yes	2,232.97	2,232.97	4,465.93	29,028.57	24,562.64
20000-018411	Replace Carbon Filter Media, Filters #5 - 80,000lb Filtrasorb 820-2000 LB SS/C/NL	10/01/2015	10	203,200.00	7	0	2,419.05	14,514.29	Yes	2,232.97	2,232.97	4,465.93	29,028.57	24,562.64
20000-018412	Replace Carbon Filter Media, Filters #6 - 80,000lb Filtrasorb 820-2000 LB SS/C/NL	10/01/2015	10	203,200.00	7	0	2,419.05	14,514.29	Yes	2,232.97	2,232.97	4,465.93	29,028.57	24,562.64
Subtotal: 320310-2000-001 (4)				**812,800.00**				**58,057.14**		**8,931.87**	**8,931.87**	**17,863.74**	**116,114.29**	**98,250.55**
Asset Type: Water Treatment Equipment														
Asset GL Acct #: 320200-2000-001														
20000-017880	WTP - Sludge Blow Down Valve 2F	06/01/2015	6	865.60	30	3	2.38	14.31	No	4.40	4.40	8.80	28.61	-
20000-018378	WTP - Replace Tubidimeter Filter 6A and 6B	10/01/2015	10	6,247.81	30	3	17.21	103.27	No	15.89	15.89	31.78	206.54	-
Subtotal: 320200-2000-001 (2)				**7,113.41**				**117.58**		**20.29**	**20.29**	**40.58**	**235.15**	**-**
Asset Type: Water Treatment Plant Structures														
Asset GL Acct #: 304800-2000-001														
20000-017752	WTP - Fire Alarm Control Board	04/01/2015	4	4,391.51	40	8	9.00	53.99	No	20.77	20.77	41.53	107.99	-
Subtotal: 304800-2000-001 (1)				**4,391.51**				**53.99**		**20.77**	**20.77**	**41.53**	**107.99**	**-**
Subtotal: Nashua (499)				**5,441,035.65**				**120,038.32**		**24,344.17**	**24,344.17**	**48,688.33**	**240,076.64**	**151,138.74**
Town or Department: Plaistow														
Asset Type: Wells & Springs														
Asset GL Acct #: 307100-2000-001														
20000-018125	Sweet Hill Well #3	08/01/2015	8	10,195.35	30	0	28.32	169.92	No	39.21	39.21	78.43	339.85	-
Subtotal: 307100-2000-001 (1)				**10,195.35**				**169.92**		**39.21**	**39.21**	**78.43**	**339.85**	**-**
Subtotal: Plaistow (1)				**10,195.35**				**169.92**		**39.21**	**39.21**	**78.43**	**339.85**	**-**
Grand Total				**$7,950,229.09**				**$234,166.01**		**$48,819.07**	**$48,819.07**	**$97,638.15**	**$468,332.02**	**$230,446.77**
CIAC Additions:				$566,996.40				$5,594.69		$1,150.71	$1,150.71	$2,301.41	$11,189.37	$0.00

Pennichuck Water Works, Inc.
Asset Dispositions
For the Twelve Months Ended December 31, 2015

Asset ID	Description	Placed In Service	Disposal Date	Month Retired	Cost	Accumulated Depr	Net Proceeds	Accum Loss	Years	Months	Annual Depr Exp	Half Year Depr Exp	NRPA per Settlement in DW 13-130	NRPA Retirements	13-Mo Avg Accum Depr NRPA-Retire's	Accum Depr Adj to reflect Year-end Value
Town or Department: Amherst																
20000-002435.2	5/8" Meters: Bon Terrain: Amherst - (15) no Chambers	01/01/1993	03/01/2015	3	1,437.00	1,429.67	-	(7.33)	20.00	11.00	68.70	34.35	Yes	1,437.00	320.32	(327.65)
20000-002435.3	5/8" Meters: Bon Terrain: Amherst - (15) no Chambers	01/01/1993	03/01/2015	3	1,437.00	1,429.67	-	(7.33)	20.00	11.00	68.70	34.35	Yes	1,437.00	320.32	(327.65)
20000-002435.8	5/8" Meters: Bon Terrain: Amherst - (14) no Chambers	01/01/1993	06/01/2015	6	1,341.43	1,334.58	-	(6.85)	20.00	11.00	64.13	32.07	Yes	1,341.43	604.87	(611.72)
20000-005095	3/4" Meters: AVD: Amherst - (1) New	07/01/2002	03/01/2015	3	151.44	94.64	-	(56.80)	20.00	11.00	7.24	3.62	Yes	151.44	(22.27)	(34.53)
20000-005360.3	5/8" METERS: BON TERRAIN 1 - RENEWED	12/01/2003	06/01/2015	6	119.26	68.26	-	(51.00)	20.00	11.00	5.70	2.85	Yes	119.26	3.39	(54.39)
20000-005553.5	5/8" Meters: AVD: Amherst - (2) New & (26) Renewed	09/01/2004	06/01/2015	6	3,725.13	1,955.49	-	(1,769.64)	20.00	11.00	178.09	89.05	Yes	3,725.13	(70.90)	(1,698.74)
20000-005553.6	5/8" Meters: AVD: Amherst - (4) New & (4) Renewed	10/01/2004	09/01/2015	9	1,134.44	595.56	-	(538.88)	20.00	11.00	54.24	27.12	Yes	1,134.44	237.11	(775.99)
20000-006220	2" METERS: AMHERST, 1 NEW	02/01/2006	03/01/2015	3	437.21	188.02	-	(249.19)	20.00	11.00	20.90	10.45	Yes	437.21	(149.50)	(99.69)
20000-007302	2" NEW METERS - AMHERST (1)	12/01/2006	12/01/2015	12	425.39	182.98	-	(242.41)	20.00	11.00	20.34	10.17	Yes	425.39	145.56	(387.97)
20000-02435.92	5/8" Meters: Bon Terrain: Amherst - (2) no Chambers	01/01/1993	03/01/2015	3	191.64	190.66	-	(0.98)	20.00	11.00	9.16	4.58	Yes	191.64	42.72	(43.70)
20000-02435.93	5/8" Meters: Bon Terrain: Amherst - (2) no Chambers	01/01/1993	03/01/2015	3	191.64	190.66	-	(0.98)	20.00	11.00	9.16	4.58	Yes	191.64	42.72	(43.70)
20000-02435.94	5/8" Meters: Bon Terrain: Amherst - (2) no Chambers	01/01/1993	03/01/2015	3	191.64	190.66	-	(0.98)	20.00	11.00	9.16	4.58	Yes	191.64	42.72	(43.70)
20000-02435.95	5/8" Meters: Bon Terrain: Amherst - (2) no Chambers	01/01/1993	09/01/2015	9	191.64	190.66	-	(0.98)	20.00	11.00	9.16	4.58	Yes	191.64	130.11	(131.09)
20000-02435.96	5/8" Meters: Bon Terrain: Amherst - (1) no Chambers	01/01/1993	03/01/2015	3	95.76	95.27	-	(0.49)	20.00	11.00	4.58	2.29	Yes	95.76	21.34	(21.83)
20000-02435.97	5/8" Meters: Bon Terrain: Amherst - (1) no Chambers	01/01/1993	09/01/2015	9	95.82	95.33	-	(0.49)	20.00	11.00	4.58	2.29	Yes	95.82	65.05	(65.54)
20000-05391.22	1" METERS: BON TERRAIN 1- RENEWED	05/01/2003	06/01/2015	6	190.55	109.07	-	(81.48)	20.00	11.00	9.11	4.55	Yes	190.55	5.42	(86.90)
20000-05391.32	1" METERS: BON TERRAIN 1 - RENEWED	05/01/2003	06/01/2015	6	190.58	109.13	-	(81.45)	20.00	11.00	9.11	4.56	Yes	190.58	5.46	(86.91)
50000-012105	1" Meters: Anherst - (2) New	12/01/1999	12/01/2015	12	457.04	348.33	-	(108.71)	20.00	11.00	21.85	10.93	Yes	457.04	308.13	(416.84)
Subtotal: 334000-2000-001 (18)					**12,004.61**	**8,798.64**	**-**	**(3,205.97)**			**573.93**	**286.96**		**12,004.61**	**2,052.57**	**(5,258.54)**
Subtotal: Amherst (18)					**12,004.61**	**8,798.64**	**-**	**(3,205.97)**			**573.93**	**286.96**		**12,004.61**	**2,052.57**	**(5,258.54)**
Town or Department: Bedford																
Asset Type: Meters																
Asset GL Acct #: 334000-2000-001																
20000-003367.8	5/8" Meters: English Woods: Bedford - (5)	12/01/1998	09/01/2015	9	967.25	786.58	-	(180.67)	20.00	11.00	46.24	23.12	Yes	967.25	480.96	(661.63)
20000-003368	5/8" METERS-DUNLAP WOODS-BEDFORD (24)	12/01/1998	03/01/2015	3	3,550.02	2,873.85	-	(676.17)	20.00	11.00	169.72	84.86	Yes	3,550.02	133.27	(809.44)
20000-004212.2	5/8" METERS-POWDER HILL - (3)	12/01/1999	03/01/2015	3	524.53	402.26	-	(122.27)	20.00	11.00	25.08	12.54	Yes	524.53	(2.67)	(119.60)
20000-004212.3	5/8" METERS-POWDER HILL - (2)	12/01/1999	03/01/2015	3	349.69	267.81	-	(81.88)	20.00	11.00	16.72	8.36	Yes	349.69	(2.15)	(79.73)
20000-004212.6	5/8" METERS-POWDER HILL - (2)	12/01/1999	03/01/2015	3	349.69	267.81	-	(81.88)	20.00	11.00	16.72	8.36	Yes	349.69	(2.15)	(79.73)
20000-004212.7	5/8" METERS-POWDER HILL - (2)	12/01/1999	09/01/2015	9	349.69	267.79	-	(81.90)	20.00	11.00	16.72	8.36	Yes	349.69	157.30	(239.20)
20000-004212.8	5/8" METERS-POWDER HILL - (2)	12/01/1999	09/01/2015	9	349.69	267.79	-	(81.90)	20.00	11.00	16.72	8.36	Yes	349.69	157.30	(239.20)
20000-004212.9	5/8" METERS-POWDER HILL - (2)	12/01/1999	06/01/2015	6	349.69	271.31	-	(78.38)	20.00	11.00	16.72	8.36	Yes	349.69	81.09	(159.47)
20000-005220	5/8" Meters: Powder Hill: Bedford - (2) New	01/01/2003	12/01/2015	12	403.90	231.19	-	(172.71)	20.00	11.00	19.31	9.65	Yes	403.90	195.66	(368.37)
20000-005557.7	5/8" Meters: Cabot Preserve: Bedford - (3) New & (1) Renewed	09/01/2004	09/01/2015	9	573.55	301.07	-	(272.48)	20.00	11.00	27.42	13.71	Yes	573.55	119.85	(392.33)
20000-005818	5/8" METERS: LITTLE POND, 1-RENEWED	03/01/2005	03/01/2015	3	136.33	65.12	-	(71.21)	20.00	11.00	6.52	3.26	Yes	136.33	(40.13)	(31.08)
20000-006226	5/8" METERS: CABOT PRESERVE, 1 RENEWED	02/01/2006	03/01/2015	3	144.01	61.90	-	(82.11)	20.00	11.00	6.88	3.44	Yes	144.01	(49.27)	(32.84)
20000-04554.31	5/8" Meters: Cabot Preserve: Bedford - (1)	12/01/2000	03/01/2015	3	180.00	129.71	-	(50.29)	20.00	11.00	8.61	4.30	Yes	180.00	(9.25)	(41.04)
20000-04627.22	3/4" METERS - LITTLE POND-(1)	10/01/2000	03/01/2015	3	159.92	114.40	-	(45.52)	20.00	11.00	7.65	3.82	Yes	159.92	(9.06)	(36.46)
20000-05219.3	5/8" Meters: Cabot Preserve: Bedford - (1) New	01/01/2003	12/01/2015	12	140.00	80.29	-	(59.71)	20.00	11.00	6.69	3.35	Yes	140.00	67.98	(127.69)
20000-05219.5	5/8" Meters: Cabot Preserve: Bedford - (1) New	01/01/2003	12/01/2015	12	140.00	80.29	-	(59.71)	20.00	11.00	6.69	3.35	Yes	140.00	67.98	(127.69)
20000-05393.2	1" Meters: Cabot Preserve: Bedford - (1) New	05/01/2003	06/01/2015	6	195.34	111.50	-	(83.84)	20.00	11.00	9.34	4.67	Yes	195.34	5.24	(89.08)
20000-05556.11	5/8" Meters: Powder Hill: Bedford - (14) New & (2) Renewed	12/01/2004	09/01/2015	9	2,471.59	1,297.43	-	(1,174.16)	20.00	11.00	118.16	59.08	Yes	2,471.59	516.49	(1,690.65)
20000-4705.5.2	5/8" METERS: CABOT PRESERVE (4)	06/01/2001	06/01/2015	6	477.18	318.55	-	(158.63)	20.00	11.00	22.81	11.41	Yes	477.18	58.97	(217.60)
20000-4705.6.2	5/8" METERS: CABOT PRESERVE (2)	07/01/2001	06/01/2015	6	255.68	170.69	-	(84.99)	20.00	11.00	12.22	6.11	Yes	255.68	31.61	(116.60)
20000-4707.4.2	5/8" METERS: GREENFIELD FARMS (4)	07/01/2001	03/01/2015	3	682.69	455.35	-	(227.34)	20.00	11.00	32.64	16.32	Yes	682.69	(71.68)	(155.66)
20800-000100.6	5/8" Meters: Bedford Water Company: Bedford - (4) with Chambers	12/31/1991	03/01/2015	3	463.08	460.36	-	(2.72)	20.00	11.00	22.14	11.07	Yes	463.08	102.87	(105.59)
20800-000100.9	5/8" Meters: Bedford Water Company: Bedford - (3) with Chambers	12/31/1991	03/01/2015	3	347.31	345.27	-	(2.04)	20.00	11.00	16.60	8.30	Yes	347.31	77.15	(79.19)
20800-000456.3	5/8" Meters: Bedford Water Company: Bedford - (3) Renewed	06/01/2004	06/01/2015	6	382.95	201.03	-	(181.92)	20.00	11.00	18.31	9.15	Yes	382.95	(7.29)	(174.63)
Subtotal: 334000-2000-001 (24)					**13,943.78**	**9,829.35**	**-**	**(4,114.43)**			**666.63**	**333.32**		**13,943.78**	**2,060.08**	**(6,174.51)**
Subtotal: Bedford (24)					**13,943.78**	**9,829.35**	**-**	**(4,114.43)**			**666.63**	**333.32**		**13,943.78**	**2,060.08**	**(6,174.51)**
Town or Department: Community Systems																
Asset Type: Meters																
Asset GL Acct #: 334000-2000-001																
20000-008504	1" Renewed Meters: Community Systems (1)	06/01/2009	06/01/2015	6	194.32	55.75	-	(138.57)	20.00	11.00	9.29	4.65	Yes	194.32	(49.96)	(88.61)
20000-008818	2" Meter: Comm Sys, 1 new	11/01/2009	12/01/2015	12	604.32	173.35	-	(430.97)	20.00	11.00	28.89	14.45	Yes	604.32	120.20	(551.17)
20000-011436	5/8" Meters: Comm Sys, 3 new	02/01/2011	03/01/2015	3	715.05	136.75	-	(578.30)	20.00	11.00	34.19	17.09	Yes	715.05	(415.26)	(163.04)
20000-012167	3/4" Meters: Comm Sys, 1 renewed	09/01/2011	03/01/2015	3	261.53	50.00	-	(211.53)	20.00	11.00	12.50	6.25	Yes	261.53	(151.90)	(59.63)
20000-013574.2	5/8" New Meter: Community Systems	09/01/2012	09/01/2015	9	201.87	28.96	-	(172.91)	20.00	11.00	9.65	4.83	Yes	201.87	(34.82)	(138.09)
20000-017622.1	5/8" New Meter: Community Systems	02/01/2015	03/01/2015	3	208.69	-	-	(208.69)	20.00	11.00	9.98	4.99	Yes	208.69	(161.11)	(47.58)
Subtotal: 334000-2000-001 (6)					**2,185.78**	**444.81**	**-**	**(1,740.97)**			**104.50**	**52.25**		**2,185.78**	**(692.85)**	**(1,048.12)**
Asset Type: Radios for Metering Equipment																
Asset GL Acct #: 334100-2000-001																
20000-011717.1	Neptune Radio Replacements: Comm Sys, 1	04/01/2011	03/01/2015	3	93.27	17.84	-	(75.43)	20.00	11.00	4.46	2.23	No			
20000-018018.2	Neptune Radio Replacements: Community Systems	07/01/2015	09/01/2015	9	121.09	-	-	(121.09)	20.00	11.00	5.79	2.89	No			
Subtotal: 334100-2000-001 (2)					**214.36**	**17.84**	**-**	**(196.52)**			**10.25**	**5.12**		**-**	**-**	**-**
Subtotal: Community Systems (8)					**2,400.14**	**462.65**	**-**	**(1,937.49)**			**114.75**	**57.37**		**2,185.78**	**(692.85)**	**(1,048.12)**
Town or Department: Core																
Asset Type: Meters																
Asset GL Acct #: 334000-2000-001																
20000-011715	1 1/2" Meters: Core, 1 new	04/01/2011	09/01/2015	9	444.54	85.01	-	(359.53)	20.00	11.00	21.25	10.63	Yes	444.54	(55.45)	(304.08)
20000-015892	1 1/2" New Meter: Core	05/01/2014	06/01/2015	6	538.53	25.74	-	(512.79)	20.00	11.00	25.75	12.87	Yes	538.53	(267.21)	(245.58)
20000-017395	1" New Meter: Core	12/01/2014	03/01/2015	3	225.22	10.76	-	(214.46)	20.00	11.00	10.77	5.38	Yes	225.22	(163.11)	(51.35)
Subtotal: 334000-2000-001 (3)					**1,208.29**	**121.51**	**-**	**(1,086.78)**			**57.77**	**28.88**		**1,208.29**	**(485.77)**	**(601.01)**
Asset Type: Radios for Metering Equipment																
Asset GL Acct #: 334100-2000-001																
20000-016986.2	Neptune Radio Replacements: Core	07/01/2014	09/01/2015	9	109.51	5.24	-	(104.27)	20.00	11.00	5.24	2.62	No			
20000-017625.1	Neptune Radio Replacements: Core	02/01/2015	03/01/2015	3	379.62	-	-	(379.62)	20.00	11.00	18.15	9.07	No			
20000-017625.2	Neptune Radio Replacements: Core	02/01/2015	06/01/2015	6	126.54	-	-	(126.54)	20.00	11.00	6.05	3.02	No			
Subtotal: 334100-2000-001 (3)					**615.67**	**5.24**	**-**	**(610.43)**			**29.43**	**14.72**		**-**	**-**	**-**
Subtotal: Core (6)					**1,823.96**	**126.75**	**-**	**(1,697.21)**			**87.20**	**43.60**		**1,208.29**	**(485.77)**	**(601.01)**
Town or Department: Derry																
Asset Type: Booster Stations																
Asset GL Acct #: 304550-2000-001																
20500-000712	Hubbard Hill: Derry - Replace 5hp Motor Cntrol Box at Well #2	08/31/1995	06/01/2015	6	309.90	157.12	-	(152.78)	40.00	8.00	7.62	3.81	No			
Subtotal: 304550-2000-001 (1)					**309.90**	**157.12**	**-**	**(152.78)**			**7.62**	**3.81**		**-**	**-**	**-**
Asset Type: Electric Pumping Equipment																
Asset GL Acct #: 311200-2000-001																
20000-007106	PUMP REPLACEMENT FOR WELL #2 AT GLENN RIDGE - DERR'	10/01/2006	12/01/2015	12	1,638.45	648.18	-	(990.27)	22.00	9.00	72.02	36.01	No			
20500-000006	Hubbard/Bellebrook: Derry - (2) 5 hp Vertical Pumps Grundfos Motors - 5	11/30/1988	06/01/2015	6	1,128.61	1,128.61	-	-	22.00	9.00	49.61	24.80	No			
20500-000210	Hubbard Hill: Derry - Air Compressor System	08/17/1989	06/01/2015	6	6,995.00	6,995.00	-	-	22.00	9.00	307.47	153.74	No			
20500-000403	Hubbard Hill: Derry - Improvements to Pump Station	12/01/1991	06/01/2015	6	1,308.06	1,308.06	-	-	22.00	9.00	57.50	28.75	No			
20500-000829	Hubbard Hill: Derry - Rebuild Booster Pump	08/01/1998	06/01/2015	6	473.17	423.04	-	(50.13)	22.00	9.00	20.80	10.40	No			
20600-000706	Glenn Ridge: Derry - 2HP Submersible Pump - Well #2	10/02/1997	12/01/2015	12	2,321.50	2,217.58	-	(103.92)	22.00	9.00	102.04	51.02	No			
Subtotal: 311200-2000-001 (6)					**13,864.79**	**12,720.47**	**-**	**(1,144.32)**			**609.44**	**304.72**		**-**	**-**	**-**
Asset Type: Meters																
Asset GL Acct #: 334000-2000-001																
20000-007081	5/8" METERS: GLEN RIDGE, 1 RENEWED	10/01/2006	09/01/2015	9	109.56	47.14	-	(62.42)	20.00	11.00	5.24	2.62	Yes	109.56	12.52	(74.94)
20500-000906.2	5/8" Meters: Drew Woods: Derry - (1) Renewed	07/01/2001	03/01/2015	3	166.03	110.78	-	(55.25)	20.00	11.00	7.94	3.97	Yes	166.03	(17.39)	(37.86)
20500-001003.3	5/8" Meters: Drew Woods: Derry - (7) Renewed	10/01/2002	12/01/2015	12	831.25	515.22	-	(316.03)	20.00	11.00	39.74	19.87	Yes	831.25	442.11	(758.14)
20500-001016	5/8" Meters: Hubbard Hill: Derry - (1) Renewed	10/01/2002	12/01/2015	12	144.94	89.82	-	(55.12)	20.00	11.00	6.93	3.46	Yes	144.94	77.07	(132.19)
20500-01024.2	5/8" Meters: Redfield: Derry (70)	03/01/2003	03/01/2015	3	6,841.29	3,916.17	-	(2,925.12)	20.00	11.00	327.07	163.54	Yes	6,841.29	(1,365.23)	(1,559.89)
20500-1022.1.2	5/8" METERS: REDFIELD, 1 RENEWED	03/01/2003	03/01/2015	3	118.01	67.51	-	(50.50)	20.00	11.00	5.64	2.82	Yes	118.01	(23.59)	(26.91)
20500-1025.22	5/8" Meters: Hubbard Hill: Derry - 4	03/01/2003	03/01/2015	3	329.40	188.23	-	(141.17)	20.00	11.00	15.75	7.87	Yes	329.40	(66.06)	(75.11)
20600-000801.1	5/8" Meters: Glenn Ridge: Derry (1)	11/01/2000	03/01/2015	3	167.86	119.93	-	(47.93)	20.00	11.00	8.03	4.01	Yes	167.86	(9.66)	(38.27)
20600-00801.21	5/8" Meters: Glenn Ridge: Derry (1)	11/01/2000	06/01/2015	6	167.86	120.14	-	(47.72)	20.00	11.00	8.03	4.01	Yes	167.86	28.83	(76.55)
21000-000451.1	5/8" Meters: Maple Haven: Derry - (2) Renewed	10/01/2002	06/01/2015	6	244.12	151.31	-	(92.81)	20.00	11.00	11.67	5.84	Yes	244.12	18.51	(111.32)
21000-00453.27	5/8" Meters: Maple Haven: Derry - (14)	03/01/2003	09/01/2015	9	1,300.00	744.20	-	(555.80)	20.00	11.00	62.15	31.08	Yes	1,300.00	333.44	(889.24)
21000-00453.28	5/8" Meters: Maple Haven: Derry - (14)	03/01/2003	09/01/2015	9	1,300.00	744.20	-	(555.80)	20.00	11.00	62.15	31.08	Yes	1,300.00	333.44	(889.24)
Subtotal: 334000-2000-001 (12)					**11,720.32**	**6,814.65**	**-**	**(4,905.67)**			**560.33**	**280.17**		**11,720.32**	**(236.01)**	**(4,669.66)**
Asset Type: Other Power Pumping Equipment																
Asset GL Acct #: 311600-2000-001																
20500-000803	Hubbard Hill: Derry - Install Oiless Compressor	05/31/1996	06/01/2015	6	858.17	500.64	-	(357.53)	30.00	-	28.61	14.30	No			
Subtotal: 311600-2000-001 (1)					**858.17**	**500.64**	**-**	**(357.53)**			**28.61**	**14.30**		**-**	**-**	**-**
Asset Type: Power & Pumping Structures																
Asset GL Acct #: 304200-2000-001																
20500-000004	Hubbard/Bellebrook: Derry - (1) Cement Block Structure with Wooden Ro	11/30/1988	06/01/2015	6	892.39	617.57	-	(274.82)	41.00	-	21.77	10.88	No			
Subtotal: 304200-2000-001 (1)					**892.39**	**617.57**	**-**	**(274.82)**			**21.77**	**10.88**		**-**	**-**	**-**
Asset Type: Purification System Equipment																
Asset GL Acct #: 320000-2000-001																
20000-007104	GW CHLORINE MONITOR - HUBBARD HILL	10/01/2006	06/01/2015	6	2,961.94	1,777.14	-	(1,184.80)	15.00	-	197.46	98.73	No			
20300-000004	2 POTASSIUM PERMAGANATE SYSTMS-MAGANESE GREEN SAN	09/30/1988	12/01/2015	12	16,926.31	16,926.31	-	-	15.00	-	1,128.42	564.21	No			
20500-000206	Hubbard Hill: Derry - 1 hp McDonald Submersible Pump at Well #1	08/30/1989	06/01/2015	6	872.81	872.81	-	-	15.00	-	58.19	29.09	No			
20500-000207	Hubbard Hill: Derry - Chlorine System	08/30/1989	06/01/2015	6	961.48	961.48	-	-	15.00	-	64.10	32.05	No			
20500-000832.3	Hubbard Hill: Derry - Chemical Pump Pacing	12/01/1998	06/01/2015	6	1,198.38	1,198.38	-	-	15.00	-	79.89	39.95	No			
Subtotal: 320000-2000-001 (5)					**22,920.92**	**21,736.12**	**-**	**(1,184.80)**			**1,528.06**	**764.03**		**-**	**-**	**-**
Asset Type: Wells & Springs																
Asset GL Acct #: 307100-2000-001																
20000-006085	HI-LO WELL PUMP REPLACEMENT	12/01/2005	12/01/2015	12	4,203.38	1,317.04	-	(2,886.34)	30.00	-	140.11	70.06	No			
20300-000750	HI-LO WELL #4-	04/01/2000	12/01/2015	12	1,882.53	778.11	-	(1,104.42)	30.00	-	62.75	31.38	No			

Asset ID	Description	Placed In Service	Disposal Date	Month Retired	Cost	Accumulated Depr	Net Proceeds	Accum Loss	Years	Months	Annual Depr Exp	Half Year Depr Exp	NRPA per Settlement in DW 13-130	NRPA Retirements	13-Mo Avg Accum Depr NRPA-Retire's	Accum Depr Adj to reflect Year-end Value
20500-000608	Hubbard Hill: Derry - 5 hp Pump Replacement at Well #3	08/31/1993	06/01/2015	6	2,680.82	1,483.43	-	(1,197.39)	30.00	-	89.36	44.68	No			
20500-000830	Hubbard Hill: Derry - 138' of 6' Galvanized Chain Link Fence	11/01/1998	06/01/2015	6	2,370.00	1,074.40	-	(1,295.60)	30.00	-	79.00	39.50	No			
Subtotal: 307100-2000-001 (4)					**11,136.73**	**4,652.98**	**-**	**(6,483.75)**			**371.22**	**185.61**		**-**	**-**	**-**
Subtotal: Derry (30)					**61,703.22**	**47,199.55**	**-**	**(14,503.67)**			**3,127.05**	**1,563.53**		**11,720.32**	**(236.01)**	**(4,669.66)**
Town or Department: Epping																
Asset Type: Meters																
Asset GL Acct #: 334000-2000-001																
21100-00009.68	5/8" Meters: Glenwoodlands: Epping - (1) no Chamber	11/01/1995	12/01/2015	12	119.33	109.76	-	(9.57)	20.00	11.00	5.71	2.85	Yes	119.33	99.26	(108.83)
21100-00010.42	5/8" Meters: Glenwoodlands: Epping - (1)	12/31/1995	06/01/2015	6	122.45	116.56	-	(5.89)	20.00	11.00	5.85	2.93	Yes	122.45	49.95	(55.84)
21100-00010.61	5/8" Meters: Glenwoodlands: Epping - (1)	12/31/1995	06/01/2015	6	122.45	116.56	-	(5.89)	20.00	11.00	5.85	2.93	Yes	122.45	49.95	(55.84)
21100-00010.95	5/8" Meters: Glenwoodlands: Epping - (1)	12/31/1995	06/01/2015	6	122.46	118.54	-	(3.92)	20.00	11.00	5.85	2.93	Yes	122.46	51.92	(55.84)
Subtotal: 334000-2000-001 (4)					**486.69**	**461.42**	**-**	**(25.27)**			**23.27**	**11.63**		**486.69**	**251.09**	**(276.36)**
Subtotal: Epping (4)					**486.69**	**461.42**	**-**	**(25.27)**			**23.27**	**11.63**		**486.69**	**251.09**	**(276.36)**
Town or Department: Hollis																
Asset Type: Meters																
Asset GL Acct #: 334000-2000-001																
20000-005222	5/8" Meters: Hollis - (2) New	01/01/2003	12/01/2015	12	232.12	132.88	-	(99.24)	20.00	11.00	11.10	5.55	Yes	232.12	112.46	(211.70)
Subtotal: 334000-2000-001 (1)					**232.12**	**132.88**	**-**	**(99.24)**			**11.10**	**5.55**		**232.12**	**112.46**	**(211.70)**
Subtotal: Hollis (1)					**232.12**	**132.88**	**-**	**(99.24)**			**11.10**	**5.55**		**232.12**	**112.46**	**(211.70)**
Town or Department: Merrimack																
Asset Type: Communication Equipment																
Asset GL Acct #: 346000-2000-001																
20000-005614.1	IP TELEPHONE SYSTEM	05/01/2004	09/01/2015	9	2,217.04	1,268.99	-	(948.05)	19.00	-	116.69	58.34	No			
20000-005614.2	IP TELEPHONE SYSTEM	06/01/2004	09/01/2015	9	39,674.05	22,708.18	-	(16,965.87)	19.00	-	2,088.11	1,044.05	No			
20000-005614.3	IP TELEPHONE SYSTEM	07/01/2004	09/01/2015	9	1,637.73	937.42	-	(700.31)	19.00	-	86.20	43.10	No			
20000-005858.1	AUTOMATIC CALL NOTIFICATION APPLICATION	06/01/2005	09/01/2015	9	4,200.00	2,193.93	-	(2,006.07)	19.00	-	221.05	110.53	No			
20000-007861	PHONE SYSTEM UPGRADE	04/01/2008	09/01/2015	9	24,246.94	8,933.06	-	(15,313.88)	19.00	-	1,276.15	638.08	No			
20000-007898	PHONE SYSTEM UPGRADE	05/01/2008	09/01/2015	9	2,587.50	953.26	-	(1,634.24)	19.00	-	136.18	68.09	No			
20000-007906	2 NEW IGS SOFTWARE LIC-SCADA	05/01/2008	09/01/2015	9	1,409.40	519.26	-	(890.14)	19.00	-	74.18	37.09	No			
20000-007971	PHONE SYSTEM UPGRADE	06/01/2008	09/01/2015	9	806.51	297.14	-	(509.37)	19.00	-	42.45	21.22	No			
20000-008009	PHONE SYSTEM UPGRADE	07/01/2008	09/01/2015	9	1,316.25	484.96	-	(831.29)	19.00	-	69.28	34.64	No			
20000-012868	Call Manager Upgrade to version 8.6	03/01/2012	09/01/2015	9	6,220.00	982.10	-	(5,237.90)	19.00	-	327.37	163.68	No			
20000-012871	Call Manager Upgrade to version 8.6	03/01/2012	09/01/2015	9	5,980.00	944.22	-	(5,035.78)	19.00	-	314.74	157.37	No			
20000-013680	Additional Call Manager Agent Licenses	10/01/2012	09/01/2015	9	2,786.06	439.90	-	(2,346.16)	19.00	-	146.63	73.32	No			
20000-05614.2	IP TELEPHONE SYSTEM-	04/01/2004	09/01/2015	9	80,241.19	45,927.43	-	(34,313.76)	19.00	-	4,223.22	2,111.61	No			
20000-05858.1	Automatic Call Notification Application - IPCC Express Installation Servic	05/01/2005	09/01/2015	9	9,800.00	5,118.95	-	(4,681.05)	19.00	-	515.79	257.89	No			
Subtotal: 346000-2000-001 (14)					**183,122.67**	**91,708.80**	**-**	**(91,413.87)**			**9,638.04**	**4,819.02**		**-**	**-**	**-**
Asset Type: Computer Equipment																
Asset GL Acct #: 347110-2000-001																
20000-003215	Macola - NEW ACCOUNTING SYSTEM	12/31/1997	06/01/2015	6	9,867.74	9,867.74	-	-	7.00	-	1,409.68	704.84	No			
20000-004072	CYBERNET - ENGINEERING-	10/01/1998	06/01/2015	6	6,821.83	6,821.83	-	-	7.00	-	974.55	487.27	No			
20000-004733	MACOLA UPGRADE-	03/01/2001	06/01/2015	6	5,300.00	5,300.00	-	-	7.00	-	757.14	378.57	No			
20000-005397	BUSINESS & LEGAL SMART JOBS-SOFTWARE - PAM	05/01/2003	12/01/2015	12	299.00	299.00	-	-	7.00	-	42.71	21.36	No			
20000-007110	LIMS 8.0 UPGRADE	10/01/2006	09/01/2015	9	5,032.18	5,032.18	-	-	7.00	-	718.88	359.44	No			
20000-007250	LIMS 8.0 UPGRADE	12/01/2006	09/01/2015	9	3,361.17	3,361.17	-	-	7.00	-	480.17	240.08	No			
20000-007648	MACOLA UPGRADE/INTERFACE PROJECT	10/01/2007	06/01/2015	6	1,306.29	1,306.29	-	-	7.00	-	186.61	93.31	No			
Subtotal: 347110-2000-001 (7)					**31,988.21**	**31,988.21**	**-**	**-**			**4,569.74**	**2,284.87**		**-**	**-**	**-**
Asset Type: Computer Software																
Asset GL Acct #: 347110-2000-001																
20000-004204	CRYSTAL REPORT BLUE SOFTWARE-	07/01/1999	12/01/2015	12	1,798.50	1,798.50	-	-	7.00	-	256.93	128.46	No			
Subtotal: 347110-2000-001 (1)					**1,798.50**	**1,798.50**	**-**	**-**			**256.93**	**128.46**		**-**	**-**	**-**
Asset Type: Hydrants																
Asset GL Acct #: 335000-2000-001																
20000-0761.2.1	Hydrants (1)	01/01/1973	06/01/2015	6	128.92	94.29	-	(34.63)	44.00	8.00	2.89	1.44	Yes	128.92	24.54	(59.17)
20000-0761.2.2	Hydrants (1)	01/01/1973	12/01/2015	12	451.60	331.15	-	(120.45)	44.00	8.00	10.11	5.06	Yes	451.60	294.08	(414.53)
20000-0761.291	Hydrants	01/01/1969	06/01/2015	6	128.92	97.51	-	(31.41)	44.00	8.00	2.89	1.44	Yes	128.92	27.76	(59.17)
20000-076123.2	Hydrants	01/01/1969	12/01/2015	12	417.16	315.50	-	(101.66)	44.00	8.00	9.34	4.67	Yes	417.16	281.26	(382.92)
Subtotal: 335000-2000-001 (4)					**1,126.60**	**838.45**	**-**	**(288.15)**			**25.22**	**12.61**		**1,126.60**	**627.63**	**(915.78)**
Asset Type: Meters																
Asset GL Acct #: 334000-2000-001																
20000-005224	5/8" Meters: Merrimack - (1) Renewed	01/01/2003	12/01/2015	6	124.40	71.22	-	(53.18)	20.00	11.00	5.95	2.97	Yes	124.40	3.55	(56.73)
20000-005821	5/8" METERS: MERRIMACK , 1 - RENEWED	03/01/2005	03/01/2015	3	136.76	65.32	-	(71.44)	20.00	11.00	6.54	3.27	Yes	136.76	(40.26)	(31.18)
Subtotal: 334000-2000-001 (2)					**261.16**	**136.54**	**-**	**(124.62)**			**12.49**	**6.24**		**261.16**	**(36.71)**	**(87.91)**
Subtotal: Merrimack (28)					**218,297.14**	**126,470.50**	**-**	**(91,826.64)**			**14,502.42**	**7,251.21**		**1,387.76**	**590.92**	**(1,003.69)**
Town or Department: Milford																
Asset Type: Meters																
Asset GL Acct #: 334000-2000-001																
20000-005094	5/8" METERS-BADGER HILL-NEW (2)	12/01/2002	03/01/2015	3	303.73	188.26	-	(115.47)	20.00	11.00	14.52	7.26	Yes	303.73	(46.22)	(69.25)
20000-005094.1	5/8" METERS: BADGER HILL 5 - NEW	08/01/2002	09/01/2015	9	593.37	367.77	-	(225.60)	20.00	11.00	28.37	14.18	Yes	593.37	180.28	(405.88)
20000-005558.4	5/8" METERS: BADGER HILL, 2 NEW	05/01/2004	12/01/2015	12	316.32	166.02	-	(150.30)	20.00	11.00	15.12	7.56	Yes	316.32	138.20	(288.50)
20700-000801	5/8" Meter: Ashley Commons: Milford - (1)	10/01/2001	12/01/2015	12	130.91	87.36	-	(43.55)	20.00	11.00	6.26	3.13	Yes	130.91	75.85	(119.40)
20700-0201.392	5/8" Meters: Ashley Commons: Milford - (1) no Chamber	12/31/1991	03/01/2015	3	51.55	51.25	-	(0.30)	20.00	11.00	2.46	1.23	Yes	51.55	11.45	(11.75)
Subtotal: 334000-2000-001 (5)					**1,395.88**	**860.66**	**-**	**(535.22)**			**66.74**	**33.37**		**1,395.88**	**359.57**	**(894.79)**
Subtotal: Milford (5)					**1,395.88**	**860.66**	**-**	**(535.22)**	**-**	**-**	**66.74**	**33.37**		**1,395.88**	**359.57**	**(894.79)**
Town or Department: Nashua																
Asset Type: Computer Equipment																
Asset GL Acct #: 347110-2000-001																
20000-004413	2-PALM PILOTS-(WTP ENGINEER)	12/01/1999	12/01/2015	12	718.68	718.68	-	-	7.00	-	102.67	51.33	No			
Subtotal: 347110-2000-001 (1)					**718.68**	**718.68**	**-**	**-**	**7.00**	**-**	**102.67**	**51.33**		**-**	**-**	**-**
Asset Type: Computer Software																
Asset GL Acct #: 347110-2000-001																
20000-007156	LIMS 8.0 UPGRADE	11/01/2006	09/01/2015	9	1,207.05	1,207.05	-	-	7.00	-	172.44	86.22	No			
Subtotal: 347110-2000-001 (1)					**1,207.05**	**1,207.05**	**-**	**-**	**7.00**	**-**	**172.44**	**86.22**		**-**	**-**	**-**
Asset Type: Distribution Mains																
Asset GL Acct #: 331200-2000-001																
2000-723.3.483	Lovell Street: Nashua - Chestnut St. W'Ly - 155' Of 6" CI	01/01/1971	12/01/2015	12	196.70	196.70	-	-	25.00	-	7.87	3.93	Yes	196.70	179.75	(179.75)
2000-723.3.541	Lovell Street: Nashua - 297' West-Westerly - 120' Of 6" CI	01/01/1971	12/01/2015	12	152.28	152.28	-	-	25.00	-	6.09	3.05	Yes	152.28	139.16	(139.16)
2000-723.3.713	Lovell Street: Nashua - Between Ash St. & Pine St. - 137' Of 6" CI	01/01/1971	12/01/2015	12	173.85	173.85	-	-	25.00	-	6.95	3.48	Yes	173.85	158.87	(158.87)
2000-723.3.861	Lovell Street: Nashua - Ext. W'Ly Towards Pine St. Terminus In Front Of a	01/01/1971	12/01/2015	12	60.91	60.91	-	-	25.00	-	2.44	1.22	Yes	60.91	55.66	(55.66)
2000-723.3.864	Lovell Street: Nashua - Pine St. E'Ly - 109' Of 6" CI	01/01/1971	12/01/2015	12	138.32	138.32	-	-	25.00	-	5.53	2.77	Yes	138.32	126.40	(126.40)
2000-723.3.873	Lovell Street: Nashua - Ext. E'Ly To Connect 12' From N. Line - 37' Of 6"	01/01/1971	12/01/2015	12	46.95	46.95	-	-	25.00	-	1.88	0.94	Yes	46.95	42.91	(42.91)
life: 25 years 0 months					**769.01**	**769.01**	**-**	**-**			**30.76**	**15.38**		**769.01**	**702.76**	**(702.76)**
20000-003075.1	DIST MAINS - FAIRMOUNT ST	09/30/1996	03/01/2015	3	260.15	73.47	-	(186.68)	62.00	6.00	4.16	2.08	Yes	260.15	(126.89)	(59.79)
20000-0713.222	Allds Street: Nashua - Fifield Street to Bucke Street - 755' of 12" Transite	01/01/1962	12/01/2015	12	5,800.81	4,200.51	-	(1,600.30)	62.00	6.00	92.81	46.41	Yes	5,800.81	3,732.88	(5,333.18)
20000-712.97	24"-2"" CAST IRON AND DUCTILE IRON PIPE	01/01/1979	12/01/2015	12	12,741.68	8,006.38	-	(4,735.30)	62.00	6.00	203.87	101.93	Yes	12,741.68	6,979.20	(11,714.50)
20000-712.99	24"-2" CAST IRON AND DUCTILE IRON PIPE	01/01/1979	12/01/2015	12	21,544.84	13,536.54	-	(8,008.30)	62.00	6.00	344.72	172.36	Yes	21,544.84	11,799.69	(19,807.99)
life: 62 years 6 months					**40,347.48**	**25,816.90**	**-**	**(14,530.58)**			**645.56**	**322.78**		**40,347.48**	**22,384.89**	**(36,915.47)**
Subtotal: 331200-2000-001 (10)					**41,116.49**	**26,585.91**	**-**	**(14,530.58)**	**-**	**-**	**676.32**	**338.16**		**41,116.49**	**23,087.65**	**(37,618.23)**
Asset Type: Hydrants																
Asset GL Acct #: 335000-2000-001																
20000-003043.2	Manchester Street: Nashua - Hydrant (1)	12/31/1996	12/01/2015	12	4,527.74	1,813.14	-	(2,714.60)	44.00	8.00	101.37	50.68	Yes	4,527.74	1,441.46	(4,156.06)
20000-01039.14	Nashua - Hydrant	07/01/1988	12/01/2015	12	1,661.93	930.18	-	(731.75)	44.00	8.00	37.21	18.60	Yes	1,661.93	793.75	(1,525.50)
20000-0760.251	Hydrants	01/01/1979	03/01/2015	3	767.12	501.28	-	(265.84)	44.00	8.00	17.17	8.59	Yes	767.12	(89.80)	(176.04)
20000-0760.5.1	Hydrants	01/01/1984	06/01/2015	6	1,433.09	839.71	-	(593.38)	44.00	8.00	32.08	16.04	Yes	1,433.09	64.34	(657.72)
Subtotal: 335000-2000-001 (4)					**8,389.88**	**4,084.31**	**-**	**(4,305.57)**			**187.83**	**93.92**		**8,389.88**	**2,209.75**	**(6,515.32)**
Asset Type: Meters																
Asset GL Acct #: 334000-2000-001																
200-00075018.1	5/8" Meters: Nashua - 1	01/01/1985	06/01/2015	6	82.09	82.09	-	-	20.00	11.00	3.92	1.96	Yes	82.09	37.43	(37.43)
200-00075018.2	5/8" Meters: Nashua - 1	01/01/1985	06/01/2015	6	82.09	82.09	-	-	20.00	11.00	3.92	1.96	Yes	82.09	37.43	(37.43)
200-00075018.3	5/8" Meters: Nashua - 1	01/01/1985	09/01/2015	9	82.09	82.09	-	-	20.00	11.00	3.92	1.96	Yes	82.09	56.15	(56.15)
200-00075018.4	5/8" Meters: Nashua - 1	01/01/1985	12/01/2015	12	82.09	82.09	-	-	20.00	11.00	3.92	1.96	Yes	82.09	74.87	(74.87)
200-00075018.5	5/8" Meters: Nashua - 1	01/01/1985	12/01/2015	12	82.09	82.09	-	-	20.00	11.00	3.92	1.96	Yes	82.09	74.87	(74.87)
200-5550.00.42	1" Meters: Nashua - (3)	10/01/2004	09/01/2015	9	602.91	316.23	-	(286.68)	20.00	11.00	28.82	14.41	Yes	602.91	125.73	(412.41)
200-5550.004.3	1" Meters: Nashua - (4)	10/01/2004	09/01/2015	9	803.88	421.80	-	(382.08)	20.00	11.00	38.43	19.22	Yes	803.88	167.80	(549.88)
200-5550.004.7	1" Meters: Nashua - (4)	10/01/2004	12/01/2015	12	803.88	421.79	-	(382.09)	20.00	11.00	38.43	19.22	Yes	803.88	351.08	(733.17)
200-5550004.91	1" Meters: Nashua - (1)	10/01/2004	06/01/2015	6	200.97	105.55	-	(95.42)	20.00	11.00	9.61	4.80	Yes	200.97	(3.77)	(91.65)
200-5550004.92	1" Meters: Nashua - (1)	10/01/2004	06/01/2015	6	200.97	105.55	-	(95.42)	20.00	11.00	9.61	4.80	Yes	200.97	(3.77)	(91.65)
200-5550004.93	1" Meters: Nashua - (2)	10/01/2004	03/01/2015	3	401.94	212.44	-	(189.50)	20.00	11.00	19.22	9.61	Yes	401.94	(97.85)	(91.65)
2000-02024.452	5/8" Meters: Nashua - (1)	12/31/1989	12/01/2015	12	96.30	95.66	-	(0.64)	20.00	11.00	4.60	2.30	Yes	96.30	87.19	(87.83)
2000-02024.453	5/8" Meters: Nashua - (1)	12/31/1989	12/01/2015	12	96.30	95.66	-	(0.64)	20.00	11.00	4.60	2.30	Yes	96.30	87.19	(87.83)
2000-02024.454	5/8" Meters: Nashua - (1)	12/31/1989	12/01/2015	12	96.30	95.66	-	(0.64)	20.00	11.00	4.60	2.30	Yes	96.30	87.19	(87.83)
2000-02024.455	5/8" Meters: Nashua - (1)	12/31/1989	09/01/2015	9	96.30	95.66	-	(0.64)	20.00	11.00	4.60	2.30	Yes	96.30	65.23	(65.87)
2000-02024.456	5/8" Meters: Nashua - (1)	12/31/1989	09/01/2015	9	96.30	95.66	-	(0.64)	20.00	11.00	4.60	2.30	Yes	96.30	65.23	(65.87)
2000-02024.457	5/8" Meters: Nashua - (1)	12/31/1989	09/01/2015	9	96.30	95.66	-	(0.64)	20.00	11.00	4.60	2.30	Yes	96.30	65.23	(65.87)
2000-02024.458	5/8" Meters: Nashua - (1)	12/31/1989	09/01/2015	9	96.30	95.66	-	(0.64)	20.00	11.00	4.60	2.30	Yes	96.30	65.23	(65.87)
2000-02024.459	5/8" Meters: Nashua - (2)	12/31/1989	09/01/2015	9	192.64	191.40	-	(1.24)	20.00	11.00	9.21	4.60	Yes	192.64	130.53	(131.77)
2000-02024.482	5/8" Meters: Nashua - (1)	12/31/1989	12/01/2015	12	96.30	95.66	-	(0.64)	20.00	11.00	4.60	2.30	Yes	96.30	87.19	(87.83)
2000-02024.483	5/8" Meters: Nashua - (1)	12/31/1989	12/01/2015	12	96.30	95.66	-	(0.64)	20.00	11.00	4.60	2.30	Yes	96.30	87.19	(87.83)
2000-02024.484	5/8" Meters: Nashua - (1)	12/31/1989	12/01/2015	12	96.30	95.66	-	(0.64)	20.00	11.00	4.60	2.30	Yes	96.30	87.19	(87.83)
2000-02024.487	5/8" Meters: Nashua - (1)	12/31/1989	06/01/2015	6	96.30	95.66	-	(0.64)	20.00	11.00	4.60	2.30	Yes	96.30	43.27	(43.91)
2000-02024.488	5/8" Meters: Nashua - (1)	12/31/1989	06/01/2015	6	96.30	95.66	-	(0.64)	20.00	11.00	4.60	2.30	Yes	96.30	43.27	(43.91)

Asset ID	Description	Placed In Service	Disposal Date	Month Retired	Cost	Accumulated Depr	Net Proceeds	Accum Loss	Years	Months	Annual Depr Exp	Half Year Depr Exp	NRPA per Settlement in DW 13-130	NRPA Retirements	13-Mo Avg Accum Depr NRPA-Retire's	Accum Depr Adj to reflect Year-end Value
2000-02109.222	1" Meters: Nashua - (2)	09/30/1990	06/01/2015	6	303.36	301.44	-	(1.92)	20.00	11.00	14.50	7.25	Yes	303.36	136.42	(138.34)
2000-02109.224	1" Meters: Nashua - (2)	09/30/1990	09/01/2015	9	303.36	301.44	-	(1.92)	20.00	11.00	14.50	7.25	Yes	303.36	205.59	(207.51)
2000-02109.225	1" Meters: Nashua - (2)	09/30/1990	12/01/2015	12	303.36	301.44	-	(1.92)	20.00	11.00	14.50	7.25	Yes	303.36	274.76	(276.68)
2000-02109.226	1" Meters: Nashua - (3)	09/30/1990	12/01/2015	12	455.04	452.16	-	(2.88)	20.00	11.00	21.75	10.88	Yes	455.04	412.14	(415.02)
2000-02109.228	1" Meters: Nashua - (3)	09/30/1990	12/01/2015	12	455.04	452.16	-	(2.88)	20.00	11.00	21.75	10.88	Yes	455.04	412.14	(415.02)
2000-02109.229	1" Meters: Nashua - (3)	09/30/1990	09/01/2015	9	454.95	452.10	-	(2.85)	20.00	11.00	21.75	10.88	Yes	454.95	308.35	(311.20)
2000-02314.222	1" Meters: Nashua - (5)	12/31/1992	06/01/2015	6	803.03	798.69	-	(4.34)	20.00	11.00	38.39	19.20	Yes	803.03	361.86	(366.20)
2000-02314.223	1" Meters: Nashua - (5)	12/31/1992	06/01/2015	6	803.03	798.69	-	(4.34)	20.00	11.00	38.39	19.20	Yes	803.03	361.86	(366.20)
2000-02314.224	1" Meters: Nashua - (5)	12/31/1992	12/01/2015	12	803.03	798.69	-	(4.34)	20.00	11.00	38.39	19.20	Yes	803.03	728.06	(732.40)
2000-02314.225	1" Meters: Nashua - (5)	12/31/1992	09/01/2015	9	803.03	798.69	-	(4.34)	20.00	11.00	38.39	19.20	Yes	803.03	544.96	(549.30)
2000-02314.226	1" Meters: Nashua - (5)	12/31/1992	09/01/2015	9	803.03	798.69	-	(4.34)	20.00	11.00	38.39	19.20	Yes	803.03	544.96	(549.30)
2000-02314.227	1" Meters: Nashua - (5)	12/31/1992	09/01/2015	9	803.03	798.69	-	(4.34)	20.00	11.00	38.39	19.20	Yes	803.03	544.96	(549.30)
2000-02314.228	1" Meters: Nashua - (5)	12/31/1992	09/01/2015	9	803.03	798.69	-	(4.34)	20.00	11.00	38.39	19.20	Yes	803.03	544.96	(549.30)
2000-05226.3.2	1" Meters: Nashua - (1) New	04/01/2003	06/01/2015	6	176.01	100.46	-	(75.55)	20.00	11.00	8.41	4.21	Yes	176.01	4.71	(80.26)
2000-05226.6.2	1" Meters: Nashua - (1) Renewed	07/01/2003	06/01/2015	6	165.55	94.69	-	(70.86)	20.00	11.00	7.91	3.96	Yes	165.55	4.63	(75.49)
2000-05229.4.2	5/8" Meters: Nashua - (3)	04/01/2003	09/01/2015	9	300.53	172.34	-	(128.19)	20.00	11.00	14.37	7.18	Yes	300.53	77.38	(205.57)
2000-05229.4.3	5/8" Meters: Nashua - (3)	04/01/2003	09/01/2015	9	300.53	172.34	-	(128.19)	20.00	11.00	14.37	7.18	Yes	300.53	77.38	(205.57)
2000-0750.982	5/8" Meters: Nashua - (5)	01/01/1985	03/01/2015	3	398.50	398.50	-	-	20.00	11.00	19.05	9.53	Yes	398.50	90.86	(90.86)
2000-5226.2.22	1" Meters: Nashua - (1) Renewed no Chamber	03/01/2003	06/01/2015	6	134.68	77.43	-	(57.25)	20.00	11.00	6.44	3.22	Yes	134.68	4.17	(61.42)
2000-750.51	5/8" Meters: Nashua - (1)	01/01/1987	09/01/2015	9	79.15	79.15	-	-	20.00	11.00	3.78	1.89	Yes	79.15	54.14	(54.14)
2000-750.623	5/8" Meters: Nashua - (2) with Chambers	01/01/1987	03/01/2015	3	158.30	158.30	-	-	20.00	11.00	7.57	3.78	Yes	158.30	36.09	(36.09)
2000-750.624	5/8" Meters: Nashua - (2) with Chambers	01/01/1987	03/01/2015	3	158.30	158.30	-	-	20.00	11.00	7.57	3.78	Yes	158.30	36.09	(36.09)
2000-750.625	5/8" Meters: Nashua - (2) with Chambers	01/01/1987	03/01/2015	3	158.30	158.30	-	-	20.00	11.00	7.57	3.78	Yes	158.30	36.09	(36.09)
20000-002026.8	1" Meters: Nashua - (3)	12/31/1989	12/01/2015	12	469.62	466.53	-	(3.09)	20.00	11.00	22.45	11.23	Yes	469.62	425.22	(428.31)
20000-002026.9	1" Meters: Nashua - (3)	12/31/1989	12/01/2015	12	469.62	466.50	-	(3.12)	20.00	11.00	22.45	11.23	Yes	469.62	425.19	(428.31)
20000-002028.2	2" Meters: Nashua - (10)	12/31/1989	09/01/2015	9	4,036.60	4,009.92	-	(26.68)	20.00	11.00	192.98	96.49	Yes	4,036.60	2,734.49	(2,761.17)
20000-002220.2	2" Meters: Nashua - (1) New	12/31/1991	03/01/2015	3	424.45	421.97	-	(2.48)	20.00	11.00	20.29	10.15	Yes	424.45	94.30	(96.78)
20000-002313.7	1.5" Meters: Nashua - (4) Renewed	12/31/1992	09/01/2015	9	1,283.28	1,276.24	-	(7.04)	20.00	11.00	61.35	30.68	Yes	1,283.28	870.77	(877.81)
20000-004248.1	1.5" Meters: Nashua - (8) New	12/01/1999	09/01/2015	9	3,573.44	2,741.48	-	(831.96)	20.00	11.00	170.84	85.42	Yes	3,573.44	1,612.39	(2,444.35)
20000-004248.6	1.5" Meters: Nashua - 1	12/01/1999	12/01/2015	12	446.67	343.11	-	(103.56)	20.00	11.00	21.35	10.68	Yes	446.67	303.82	(407.38)
20000-004249.2	1" METERS: 2-NEW	12/01/1999	09/01/2015	9	466.08	357.50	-	(108.58)	20.00	11.00	22.28	11.14	Yes	466.08	210.23	(318.81)
20000-004249.5	1" Meters: Nashua - (2)	12/01/1999	09/01/2015	9	466.08	357.50	-	(108.58)	20.00	11.00	22.28	11.14	Yes	466.08	210.23	(318.81)
20000-004249.6	1" Meters: Nashua - (2) New	12/01/1999	12/01/2015	12	534.16	410.48	-	(123.68)	20.00	11.00	25.54	12.77	Yes	534.16	363.50	(487.18)
20000-004250.4	3/4" Meters: Nashua - (1) New	12/01/1999	03/01/2015	3	169.55	130.39	-	(39.16)	20.00	11.00	8.11	4.05	Yes	169.55	(0.50)	(38.66)
20000-004581.9	2" Meters: Nashua - (2) Renewed	12/01/2000	12/01/2015	12	1,104.08	795.29	-	(308.79)	20.00	11.00	52.78	26.39	Yes	1,104.08	698.18	(1,006.97)
20000-004703.0	1.5" Meters: Nashua - (1) New	01/01/2001	06/01/2015	6	408.46	272.54	-	(135.92)	20.00	11.00	19.53	9.76	Yes	408.46	50.35	(186.27)
20000-004703.1	1.5" Meters: Nashua - (2) Renewed	02/01/2001	09/01/2015	9	950.44	634.18	-	(316.26)	20.00	11.00	45.44	22.72	Yes	950.44	333.87	(650.13)
20000-004720.1	1" METERS: NASHUA 3 - RENEWED	03/01/2001	12/01/2015	12	595.97	397.65	-	(198.32)	20.00	11.00	28.49	14.25	Yes	595.97	345.23	(543.55)
20000-004861	Meters: Nashua, 11	12/01/2001	12/01/2015	12	1,658.02	1,114.92	-	(543.10)	20.00	11.00	79.27	39.63	Yes	1,658.02	969.09	(1,512.19)
20000-005016.2	1" METERS: NASHUA 1 - NEW	04/01/2002	12/01/2015	12	210.33	130.42	-	(79.91)	20.00	11.00	10.06	5.03	Yes	210.33	111.92	(191.83)
20000-005225.3	3/4" Meters: Nashua - (7) Renewed	01/01/2003	03/01/2015	3	1,122.16	642.25	-	(479.91)	20.00	11.00	53.65	26.82	Yes	1,122.16	(224.05)	(255.86)
20000-005225.9	3/4" Meters: Nashua - (1) New & (1) Renewed	10/01/2003	06/01/2015	6	280.43	160.53	-	(119.90)	20.00	11.00	13.41	6.70	Yes	280.43	7.98	(127.88)
20000-005549.3	3/4" Meters: Nashua - (1) New	07/01/2004	06/01/2015	6	165.45	86.85	-	(78.60)	20.00	11.00	7.91	3.95	Yes	165.45	(3.15)	(75.45)
20000-005551.2	1.5" Meters: Nashua - (1) New	04/01/2004	09/01/2015	9	383.85	201.50	-	(182.35)	20.00	11.00	18.35	9.18	Yes	383.85	80.22	(262.57)
20000-005774.2	2" METERS: NASHUA, 1 RENEWED	04/01/2005	03/01/2015	3	562.25	268.48	-	(293.77)	20.00	11.00	26.88	13.44	Yes	562.25	(165.57)	(128.20)
20000-005927	2" METERS: NASHUA, 1 RENEWED	08/01/2005	09/01/2015	9	740.79	353.78	-	(387.01)	20.00	11.00	35.42	17.71	Yes	740.79	119.71	(506.72)
20000-006292	1" METERS: NASHUA, 1 NEW	04/01/2006	06/01/2015	6	272.77	117.31	-	(155.46)	20.00	11.00	13.04	6.52	Yes	272.77	(31.07)	(124.39)
20000-007317	1.5" Meters: Nashua - (1) New	01/01/2007	06/01/2015	6	443.03	169.44	-	(273.59)	20.00	11.00	21.18	10.59	Yes	443.03	(71.56)	(202.03)
20000-02025.71	3/4" Meters: Nashua - (1)	12/31/1989	03/01/2015	3	131.31	130.43	-	(0.88)	20.00	11.00	6.28	3.14	Yes	131.31	29.06	(29.94)
20000-02025.72	3/4" Meters: Nashua - (1)	12/31/1989	09/01/2015	9	131.31	130.43	-	(0.88)	20.00	11.00	6.28	3.14	Yes	131.31	88.94	(89.82)
20000-02026.31	1" Meters: Nashua - (1)	12/31/1989	12/01/2015	12	156.54	155.51	-	(1.03)	20.00	11.00	7.48	3.74	Yes	156.54	141.74	(142.77)
20000-02204.51	1" Meters: Nashua - (1)	12/31/1991	06/01/2015	6	161.88	160.90	-	(0.98)	20.00	11.00	7.74	3.87	Yes	161.88	72.84	(73.82)
20000-02204.52	1" Meters: Nashua - (1)	12/31/1991	09/01/2015	9	161.88	160.90	-	(0.98)	20.00	11.00	7.74	3.87	Yes	161.88	109.75	(110.73)
20000-02204.53	1" Meters: Nashua - (1)	12/31/1991	09/01/2015	9	161.88	160.90	-	(0.98)	20.00	11.00	7.74	3.87	Yes	161.88	109.75	(110.73)
20000-02313.32	1.5" Meters: Nashua - (2) Renewed	12/31/1992	09/01/2015	9	641.64	638.12	-	(3.52)	20.00	11.00	30.68	15.34	Yes	641.64	435.38	(438.90)
20000-02414.51	1" Meters: Nashua - (1)	12/31/1993	06/01/2015	6	183.64	182.70	-	(0.94)	20.00	11.00	8.78	4.39	Yes	183.64	82.80	(83.74)
20000-02415.23	1.5" Meters: Nashua - (2)	12/31/1993	06/01/2015	6	651.54	648.24	-	(3.30)	20.00	11.00	31.15	15.57	Yes	651.54	293.82	(297.12)
20000-02628.82	3/4" Meters: Nashua - (1) no Chamber	12/31/1994	12/01/2015	2	133.41	132.78	-	(0.63)	20.00	11.00	6.38	3.19	Yes	133.41	19.65	(20.28)
20000-02628.92	3/4" Meters: Nashua - (1) with Chamber	12/31/1994	03/01/2015	3	150.00	150.00	-	-	20.00	11.00	7.17	3.59	Yes	150.00	34.20	(34.20)
20000-04581.82	2" Meters: Nashua - (1) Renewed	12/01/2000	12/01/2015	12	552.04	397.43	-	(154.61)	20.00	11.00	26.39	13.20	Yes	552.04	348.87	(503.48)
20000-05229.12	5/8" Meters: Nashua - (13) New & (11) Renewed	12/01/2003	06/01/2015	6	3,142.45	1,798.71	-	(1,343.74)	20.00	11.00	150.24	75.12	Yes	3,142.45	89.29	(1,433.03)
20000-05772..2	1" Meters: Nashua - (1) Renewed	06/01/2005	06/01/2015	6	227.25	108.85	-	(118.40)	20.00	11.00	10.86	5.43	Yes	227.25	(14.77)	(103.63)
20000-07320.72	5/8" Meters: Nashua - (1) Renewed no Chamber	01/01/2007	03/01/2015	3	202.67	77.68	-	(124.99)	20.00	11.00	9.69	4.84	Yes	202.67	(78.78)	(46.21)
20000-0750.991	5/8" Meters: Nashua - (5)	01/01/1986	03/01/2015	3	399.55	399.55	-	-	20.00	11.00	19.10	9.55	Yes	399.55	91.10	(91.10)
20000-0750.992	5/8" Meters: Nashua - (1)	01/01/1986	06/01/2015	6	79.91	79.91	-	-	20.00	11.00	3.82	1.91	Yes	79.91	36.44	(36.44)
20000-0750.998	5/8" Meters: Nashua - (1)	01/01/1986	06/01/2015	6	79.91	79.91	-	-	20.00	11.00	3.82	1.91	Yes	79.91	36.44	(36.44)
20000-1031.441	5/8" Meters: Nashua - (1)	07/01/1988	12/01/2015	12	67.29	66.82	-	(0.47)	20.00	11.00	3.22	1.61	Yes	67.29	60.90	(61.37)
20000-1031.442	5/8" Meters: Nashua - (1)	07/01/1988	12/01/2015	12	67.29	66.82	-	(0.47)	20.00	11.00	3.22	1.61	Yes	67.29	60.90	(61.37)
20000-1031.443	5/8" Meters: Nashua - (1)	07/01/1988	12/01/2015	12	67.29	66.82	-	(0.47)	20.00	11.00	3.22	1.61	Yes	67.29	60.90	(61.37)
20000-1031.444	5/8" Meters: Nashua - (1)	07/01/1988	12/01/2015	12	67.29	66.82	-	(0.47)	20.00	11.00	3.22	1.61	Yes	67.29	60.90	(61.37)
20000-1031.448	5/8" Meters: Nashua - (8)	07/01/1988	09/01/2015	9	538.32	534.56	-	(3.76)	20.00	11.00	25.74	12.87	Yes	538.32	364.47	(368.23)
20000-1031.494	5/8" Meters: Nashua - (1)	07/01/1988	06/01/2015	6	134.54	133.60	-	(0.94)	20.00	11.00	6.43	3.22	Yes	134.54	60.41	(61.35)
20000-1031.495	5/8" Meters: Nashua - (2)	07/01/1988	06/01/2015	6	134.54	133.60	-	(0.94)	20.00	11.00	6.43	3.22	Yes	134.54	60.41	(61.35)
20000-1031.496	5/8" Meters: Nashua - (2)	07/01/1988	03/01/2015	3	134.54	133.60	-	(0.94)	20.00	11.00	6.43	3.22	Yes	134.54	29.74	(30.68)
20000-1031.497	5/8" Meters: Nashua - (1)	07/01/1988	03/01/2015	3	67.27	66.80	-	(0.47)	20.00	11.00	3.22	1.61	Yes	67.27	14.87	(15.34)
20000-1031.498	5/8" Meters: Nashua - (1)	07/01/1988	06/01/2015	6	67.27	66.80	-	(0.47)	20.00	11.00	3.22	1.61	Yes	67.27	30.21	(30.68)
20000-1031.499	5/8" Meters: Nashua - (1)	07/01/1988	06/01/2015	6	67.31	66.81	-	(0.50)	20.00	11.00	3.22	1.61	Yes	67.31	30.19	(30.69)
20000-2024.362	5/8" Meters: Nashua - (1)	12/31/1989	03/01/2015	3	100.00	99.34	-	(0.66)	20.00	11.00	4.78	2.39	Yes	100.00	22.14	(22.80)
20000-2024.372	5/8" Meters: Nashua - (2) no Chambers	12/31/1989	03/01/2015	3	186.60	185.37	-	(1.23)	20.00	11.00	8.92	4.46	Yes	186.60	41.32	(42.55)
20000-2024.375	5/8" Meters: Nashua - (1) no Chambers	12/31/1989	03/01/2015	3	93.30	92.68	-	(0.62)	20.00	11.00	4.46	2.23	Yes	93.30	20.65	(21.27)
20000-2024.376	5/8" Meters: Nashua - (1) with Chamber	12/31/1989	03/01/2015	3	100.00	99.34	-	(0.66)	20.00	11.00	4.78	2.39	Yes	100.00	22.14	(22.80)
20000-2024.377	5/8" Meters: Nashua - (1) with Chamber	12/31/1989	03/01/2015	3	100.00	99.34	-	(0.66)	20.00	11.00	4.78	2.39	Yes	100.00	22.14	(22.80)
20000-2024.378	5/8" Meters: Nashua - (1) with Chamber	12/31/1989	03/01/2015	3	100.00	99.34	-	(0.66)	20.00	11.00	4.78	2.39	Yes	100.00	22.14	(22.80)
20000-2024.379	5/8" Meters: Nashua - (1) with Chamber	12/31/1989	03/01/2015	3	100.00	99.34	-	(0.66)	20.00	11.00	4.78	2.39	Yes	100.00	22.14	(22.80)
20000-2106.3	5/8" Meters: Nashua - (2)	12/31/1990	03/01/2015	3	227.09	225.67	-	(1.42)	20.00	11.00	10.86	5.43	Yes	227.09	50.36	(51.78)
20000-2106.4	5/8" Meters: Nashua - (2)	12/31/1990	03/01/2015	3	227.09	225.67	-	(1.42)	20.00	11.00	10.86	5.43	Yes	227.09	50.36	(51.78)
20000-2106.452	5/8" METERS: 4	12/31/1990	03/01/2015	3	386.68	384.27	-	(2.41)	20.00	11.00	18.49	9.24	Yes	386.68	85.76	(88.17)
20000-2106.453	5/8" METERS: 4	12/31/1990	03/01/2015	3	386.68	384.27	-	(2.41)	20.00	11.00	18.49	9.24	Yes	386.68	85.76	(88.17)
20000-2106.454	5/8" METERS: 4	12/31/1990	03/01/2015	3	386.68	384.27	-	(2.41)	20.00	11.00	18.49	9.24	Yes	386.68	85.76	(88.17)
20000-2106.652	5/8" Meters: Nashua - (1)	12/31/1990	12/01/2015	12	95.72	95.12	-	(0.60)	20.00	11.00	4.58	2.29	Yes	95.72	86.70	(87.30)
20000-2106.653	5/8" Meters: Nashua - (1)	12/31/1990	09/01/2015	9	95.72	95.12	-	(0.60)	20.00	11.00	4.58	2.29	Yes	95.72	64.88	(65.48)
20000-2106.665	5/8" Meters: Nashua - (2) with Chambers	12/31/1990	12/01/2015	12	191.44	190.25	-	(1.19)	20.00	11.00	9.15	4.58	Yes	191.44	173.41	(174.60)
20000-2106.666	5/8" Meters: Nashua - (2) with Chambers	12/31/1990	12/01/2015	12	191.44	190.25	-	(1.19)	20.00	11.00	9.15	4.58	Yes	191.44	173.41	(174.60)
20000-2106.667	5/8" Meters: Nashua - (3) no Chambers	12/31/1990	09/01/2015	9	242.34	240.83	-	(1.51)	20.00	11.00	11.59	5.79	Yes	242.34	164.26	(165.77)
20000-2106.668	5/8" Meters: Nashua - (3) no Chambers	12/31/1990	06/01/2015	6	242.34	240.83	-	(1.51)	20.00	11.00	11.59	5.79	Yes	242.34	109.00	(110.51)
20000-2106.669	5/8" Meters: Nashua - (4) no Chambers	12/31/1990	09/01/2015	9	323.12	321.08	-	(2.04)	20.00	11.00	15.45	7.72	Yes	323.12	218.98	(221.02)
20000-2106.682	5/8" Meters: Nashua - (3)	12/31/1990	12/01/2015	12	327.66	325.62	-	(2.04)	20.00	11.00	15.67	7.83	Yes	327.66	296.80	(298.84)
20000-2106.683	5/8" Meters: Nashua - (2)	12/31/1990	12/01/2015	12	212.72	211.39	-	(1.33)	20.00	11.00	10.17	5.08	Yes	212.72	192.68	(194.01)
20000-2106.684	5/8" Meters: Nashua - (2)	12/31/1990	12/01/2015	12	212.72	211.39	-	(1.33)	20.00	11.00	10.17	5.08	Yes	212.72	192.68	(194.01)
20000-2202.554	5/8" Meters: Nashua - (1) no Chamber	12/31/1991	12/01/2015	12	89.29	88.77	-	(0.52)	20.00	11.00	4.27	2.13	Yes	89.29	80.92	(81.44)
20000-2202.555	5/8" Meters: Nashua - (1) no Chamber	12/31/1991	12/01/2015	12	89.29	88.77	-	(0.52)	20.00	11.00	4.27	2.13	Yes	89.29	80.92	(81.44)
20000-2202.556	5/8" Meters: Nashua - (1) no Chamber	12/31/1991	12/01/2015	12	89.29	88.77	-	(0.52)	20.00	11.00	4.27	2.13	Yes	89.29	80.92	(81.44)
20000-2202.557	5/8" Meters: Nashua - (1) no Chamber	12/31/1991	12/01/2015	12	89.29	88.77	-	(0.52)	20.00	11.00	4.27	2.13	Yes	89.29	80.92	(81.44)
20000-2202.558	5/8" Meters: Nashua - (2) no Chamber	12/31/1991	06/01/2015	6	178.56	177.51	-	(1.05)	20.00	11.00	8.54	4.27	Yes	178.56	80.38	(81.43)
20000-2202.559	5/8" Meters: Nashua - (2) no Chamber	12/31/1991	06/01/2015	6	178.56	177.49	-	(1.07)	20.00	11.00	8.54	4.27	Yes	178.56	80.36	(81.43)
20000-2202.927	5/8" Meters: Nashua - (6)	12/31/1991	09/01/2015	9	517.02	513.97	-	(3.05)	20.00	11.00	24.72	12.36	Yes	517.02	350.61	(353.66)
20000-2316.735	5/8" Meters: Nashua - (5) with Chambers	12/31/1992	12/01/2015	12	455.05	452.56	-	(2.49)	20.00	11.00	21.76	10.88	Yes	455.05	412.54	(415.03)
20000-2316.738	5/8" Meters: Nashua - (5) with Chambers	12/31/1992	03/01/2015	3	455.05	452.56	-	(2.49)	20.00	11.00	21.76	10.88	Yes	455.05	101.27	(103.76)
20000-2338.983	5/8" Meters: Nashua - (1) no Chambers	12/31/1995	09/01/2015	9	111.48	105.59	-	(5.89)	20.00	11.00	5.33	2.66	Yes	111.48	70.37	(76.26)
20000-2338.984	5/8" Meters: Nashua - (1) no Chambers	12/31/1995	09/01/2015	9	111.48	105.59	-	(5.89)	20.00	11.00	5.33	2.66	Yes	111.48	70.37	(76.26)
20000-2338.985	5/8" Meters: Nashua - (1) no Chambers	12/31/1995	09/01/2015	9	111.48	105.59	-	(5.89)	20.00	11.00	5.33	2.66	Yes	111.48	70.37	(76.26)
20000-2338.986	5/8" Meters: Nashua - (4) no Chambers	12/31/1995	03/01/2015	3	445.92	427.73	-	(18.19)	20.00	11.00	21.32	10.66	Yes	445.92	83.48	(101.67)
20000-2415.241	1.5" Meters: Nashua - (1)	12/31/1993	03/01/2015	3	325.77	324.12	-	(1.65)	20.00	11.00	15.57	7.79	Yes	325.77	72.63	(74.28)
20000-2629.229	5/8" Meters: Nashua - (4)	12/31/1994	09/01/2015	9	400.00	398.09	-	(1.91)	20.00	11.00	19.12	9.56	Yes	400.00	271.70	(273.61)
20000-2629.632	5/8" METERS: 1	12/31/1994	06/01/2015	6	104.76	103.94	-	(0.82)	20.00	11.00	5.01	2.50	Yes	104.76	46.95	(47.77)
20000-2629.641	5/8" METERS: 1	12/31/1994	06/01/2015	6	104.76	103.94	-	(0.82)	20.00	11.00	5.01	2.50	Yes	104.76	46.95	(47.77)
20000-2629.642	5/8" METERS: 1	12/31/1994	06/01/2015	6	104.76	103.94	-	(0.82)	20.00	11.00	5.01	2.50	Yes	104.76	46.95	(47.77)
20000-2629.643	5/8" METERS: 1	12/31/1994	09/01/2015	9	104.76	104.26	-	(0.50)	20.00	11.00	5.01	2.50	Yes	104.76	71.16	(71.66)
20000-2629.882	5/8" Meters: Nashua - (6) no Chambers	12/31/1994	03/01/2015	3	596.70	594.33	-	(2.37)	20.00	11.00	28.53	14.26	Yes	596.70	133.68	(136.05)
20000-2838.323	5/8" METERS: 6	12/31/1995	09/01/2015	9	800.00	761.46	-	(38.54)	20.00	11.00	38.25	19.12	Yes	800.00	508.69	(547.23)
20000-2838.325	5/8" METERS: 6	12/31/1995	06/01/2015	6	760.00	723.29	-	(36.71)	20.00	11.00	36.33	18.17	Yes	760.00	309.87	(346.58)
20000-2838.426	5/8" Meters: Nashua - (1)	12/31/1995	06/01/2015	6	112.70	109.98	-	(2.72)	20.00	11.00	5.39	2.69	Yes	112.70	48.67	(51.39)
20000-2838.729	5/8" Meters: Nashua - (8) no Chambers	12/31/1995	12/01/2015	12	920.71	877.30	-	(43.41)	20.00	11.00	44.02	22.01	Yes	920.71	796.32	(839.73)
20000-3387.546	5/8" Meters: Nashua - (1) no Chamber	12/01/1998	06/01/2015	6	128.45	104.04	-	(24.41)	20.00	11.00	6.14	3.07	Yes	128.45	34.17	(58.58)
20000-3387.552	5/8" Meters: Nashua - (1) no Chamber	12/01/1998	06/01/2015	6	128.45	104.04	-	(24.41)	20.00	11.00	6.14	3.07	Yes	128.45	34.17	(58.58)
20000-3387.553	5/8" Meters: Nashua - (1) no Chamber	12/01/1998	06/01/2015	6	128.45	104.04	-	(24.41)	20.00	11.00	6.14	3.07	Yes	128.45	34.17	(58.58)
20000-3387.557	5/8" Meters: Nashua - (1) no Chamber	12/01/1998	03/01/2015	3	128.45	104.04	-	(24.41)	20.00	11.00	6.14	3.07	Yes	128.45	4.88	(29.29)
20000-4570.422	5/8" METERS- 5	12/01/2000	03/01/2015	3	544.30	391.92	-	(152.38)	20.00	11.00	26.02	13.01	Yes	544.30	(28.27)	(124.11)
20000-4570.425	5/8" METERS- 5	12/01/2000	12/01/2015	1	544.30	391.94	-	(152.36)	20.00	11.00	26.02	13.01	Yes	544.30	(110.99)	(41.37)
20000-4702.3.1	5/8" METERS: NASHUA 23	01/01/2001	09/01/2015	9	3,033.70	2,024.25	-	(1,009.45)	20.00	11.00	145.04	72.52	Yes	3,033.70	1,065.70	(2,075.15)
20000-4704.222	3/4" METERS: NASHUA 1	04/01/2001	06/01/2015	6	152.27	101.89	-	(50.38)	20.00	11.00	7.28	3.64	Yes	152.27	19.06	(69.44)
20000-4720.3.1	1" METERS: NASHUA 1	05/01/2001	06/01/2015	6	227.03	151.51	-	(75.52)	20.00	11.00	10.85	5.43	Yes	227.03	28.01	(103.53)
20000-4720.3.2	1" METERS: NASHUA 1	05/01/2001	09/01/2015	9	227.03	151.50	-	(75.53)	20.00	11.00	10.85	5.43	Yes	227.03	79.77	(155.30)
20000-4720.3.3	1" METERS: NASHUA 1	05/01/2001	09/01/2015	9	227.03	151.43	-	(75.60)	20.00	11.00	10.85	5.43	Yes	227.03	79.70	(155.30)
20000-5226.6.1	1" Meters: Nashua - (2)	06/01/2003	12/01/2015	12	493.68	282.85	-	(210.83)	20.00	11.00	23.60	11.80	Yes	493.68	239.43	(450.26)
20000-5226.6.2	1" Meters: Nashua - (2)	06/01/2003	12/01/2015	12	493.68	282.85	-	(210.83)	20.00	11.00	23.60	11.80	Yes	493.68	239.43	(450.26)
20000-5226.6.6	1" Meters: Nashua - (8)	06/01/2003	09/01/2015	9	1,974.63	1,128.96	-	(845.67)	20.00	11.00	94.40	47.20	Yes	1,974.63	505.04	(1,350.71)
20000-5229.28	5/8" METERS: NASHUA, 16	02/01/2003	03/01/2015	3	1,867.42	1,068.89	-	(798.53)	20.00	11.00	89.28	44.64	Yes	1,867.42	(372.74)	(425.79)
20000-5229.29	5/8" METERS: NASHUA, 16	02/01/2003	03/01/2015	3	1,867.42	1,068.38	-	(799.04)	20.00	11.00	89.28	44.64	Yes	1,867.42	(373.25)	(425.79)
20000-554811.1	5/8" Meters: Nashua - 81	12/01/2004	03/01/2015	3	10,530.00	5,527.39	-	(5,002.61)	20.00	11.00	503.43	251.71	Yes	10,530.00	(2,601.65)	(2,400.96)
Subtotal: 334000-2000-001 (164)					**79,181.06**	**60,796.29**	-	**(18,384.77)**			**3,785.55**	**1,892.77**		**79,181.06**	**24,931.99**	**(43,316.76)**
Asset Type: Purification System Equipment																
Asset GL Acct #: 320000-2000-001																
20000-004829.4	(6) Turbidemeters - Low Range Process with PS1201 Power Supply	12/01/2001	12/01/2015	12	1,769.51	1,660.62	-	(108.89)	15.00	-	117.97	58.98	No			

Asset ID	Description	Placed In Service	Disposal Date	Month Retired	Cost	Accumulated Depr	Net Proceeds	Accum Loss	Years	Months	Annual Depr Exp	Half Year Depr Exp	NRPA per Settlement in DW 13-130	NRPA Retirements	13-Mo Avg Accum Depr NRPA-Retire's	Accum Depr Adj to reflect Year-end Value
20000-004829.5	(6) Turbidemeters - Low Range Process with PS1201 Power Supply	12/01/2001	12/01/2015	12	1,769.51	1,660.62	-	(108.89)	15.00	-	117.97	58.98	No			
Subtotal: 320000-2000-001 (2)					**3,539.02**	**3,321.24**	**-**	**(217.78)**			**235.93**	**117.97**		**-**	**-**	**-**
Asset Type: Radios for Metering Equipment																
Asset GL Acct #: 334100-2000-001																
20000-008008	Neptune Data Collectors (2)	07/01/2008	09/01/2015	9	55,700.00	18,640.64	-	(37,059.36)	20.00	11.00	2,662.95	1,331.47	No			
Subtotal: 334100-2000-001 (1)					**55,700.00**	**18,640.64**	**-**	**(37,059.36)**			**2,662.95**	**1,331.47**		**-**	**-**	**-**
Asset Type: Services																
Asset GL Acct #: 333100-2000-001																
2000-0732.5281	3/4" CT Services	01/01/1982	03/01/2015	3	93.10	76.99	-	(16.11)	42.00	9.00	2.18	1.09	Yes	93.10	5.25	(21.36)
2000-732.5.221	3/4" & 1"CT Services	01/01/1982	12/01/2015	12	458.20	380.92	-	(77.28)	42.00	9.00	10.72	5.36	Yes	458.20	343.20	(420.48)
2000-732.7.451	Ayer Road: Nashua - 3/4" CT Service	01/01/1984	12/01/2015	12	346.13	270.83	-	(75.30)	42.00	9.00	8.10	4.05	Yes	346.13	242.34	(317.64)
20000-01057.37	Vine Street (#95): Nashua - 1" CT Service	07/01/1988	09/01/2015	9	588.91	388.13	-	(200.78)	42.00	9.00	13.78	6.89	Yes	588.91	204.54	(405.32)
20000-03029.37	Pine Hill Avenue (#21.5): Nashua - 1" CT Service	12/31/1996	09/01/2015	9	452.45	206.98	-	(245.47)	42.00	9.00	10.58	5.29	Yes	452.45	65.93	(311.40)
20000-2018.624	Hopkins Street (#8): Nashua - 1" CT Service	12/31/1989	09/01/2015	9	688.09	434.90	-	(253.19)	42.00	9.00	16.10	8.05	Yes	688.09	220.39	(473.58)
Subtotal: 333100-2000-001 (6)					**2,626.88**	**1,758.75**	**-**	**(868.13)**			**61.45**	**30.72**		**2,626.88**	**1,081.66**	**(1,949.79)**
Asset Type: Water Treament Equipment-Filter Media																
Asset GL Acct #: 320310-2000-001																
20000-007705	Filter #1 - Media - Contract #4	11/01/2007	12/01/2015	12	145,000.00	77,333.35	-	(67,666.65)	15.00	-	9,666.67	4,833.33	Yes	145,000.00	63,948.73	(131,615.38)
20000-007832.1	Filter #2 - Media - Contract #4	02/01/2008	12/01/2015	12	145,000.00	67,666.68	-	(77,333.32)	15.00	-	9,666.67	4,833.33	Yes	145,000.00	54,282.06	(131,615.38)
20000-007927.1	Filter #3 - Media - Contract #4	05/01/2008	12/01/2015	12	145,000.00	67,279.64	-	(77,720.36)	15.00	-	9,666.67	4,833.33	Yes	145,000.00	53,895.02	(131,615.38)
20000-008093	Filter #4 - Media - Contract #4	09/01/2008	12/01/2015	12	145,000.00	67,666.68	-	(77,333.32)	15.00	-	9,666.67	4,833.33	Yes	145,000.00	54,282.06	(131,615.38)
20000-008292	Filter #5 - Media - Contract #4	01/01/2009	12/01/2015	12	145,000.00	58,000.01	-	(86,999.99)	15.00	-	9,666.67	4,833.33	Yes	145,000.00	44,615.39	(131,615.38)
20000-008422	Filter #6 - Media - Contract #4	04/01/2009	12/01/2015	12	145,000.00	58,000.01	-	(86,999.99)	15.00	-	9,666.67	4,833.33	Yes	145,000.00	44,615.39	(131,615.38)
life: 15 years 0 months					**870,000.00**	**395,946.37**	**-**	**(474,053.63)**			**58,000.00**	**29,000.00**		**870,000.00**	**315,638.68**	**(789,692.31)**
20000-008806	WTP Contract #4 - Final Allocation per all accounts used	10/01/2009	12/01/2015	12	45,851.59	39,301.37	-	(6,550.22)	7.00	-	6,550.23	3,275.11	Yes	45,851.59	34,262.73	(40,812.95)
20000-009975	FS&T allocation per % of contract (reverse credit)	09/01/2010	12/01/2015	12	(545.78)	(545.78)	-	-	7.00	-	(77.97)	(38.98)	Yes	(545.78)	(485.80)	485.80
life: 7 years 0 months					**45,305.81**	**38,755.59**	**-**	**(6,550.22)**			**6,472.26**	**3,236.13**		**45,305.81**	**33,776.93**	**(40,327.15)**
Subtotal: 320310-2000-001 (8)					**915,305.81**	**434,701.96**	**-**	**(480,603.85)**			**64,472.26**	**32,236.13**		**915,305.81**	**349,415.61**	**(830,019.46)**
Asset Type: Water Treatment Equipment																
Asset GL Acct #: 320200-2000-001																
20000-008428.1	Pulsator #2 - Equipment - Contract #4	04/01/2009	12/01/2015	12	37,500.00	7,438.01	-	(30,061.99)	30.00	3.00	1,239.67	619.83	Yes	37,500.00	4,267.32	(34,329.31)
Subtotal: 320200-2000-001 (1)					**37,500.00**	**7,438.01**	**-**	**(30,061.99)**			**1,239.67**	**619.83**		**37,500.00**	**4,267.32**	**(34,329.31)**
Subtotal: Nashua (198)					**1,145,284.87**	**559,252.84**	**-**	**(586,032.03)**			**73,597.06**	**36,798.53**		**1,084,120.12**	**404,993.97**	**(953,748.86)**
Town or Department: Pennichuck Water																
Asset Type: Meters																
Asset GL Acct #: 334000-2000-001																
20000-007333	1" Meters: Community Systems - (1) Renewed	02/01/2007	06/01/2015	6	243.81	93.28	-	(150.53)	20.00	11.00	11.66	5.83	Yes	243.81	(39.35)	(111.18)
20000-007334.5	5/8" Meters: Core - (4) Renewed	02/01/2007	12/01/2015	12	691.29	263.88	-	(427.41)	20.00	11.00	33.05	16.52	Yes	691.29	203.08	(630.49)
20000-007519	1" Meters: Core - (3) New	07/01/2007	09/01/2015	9	908.82	347.59	-	(561.23)	20.00	11.00	43.45	21.72	Yes	908.82	60.43	(621.66)
20000-007596.2	5/8" Meters: Pennichuck Water - (1) New	09/01/2007	09/01/2015	9	188.43	72.02	-	(116.41)	20.00	11.00	9.01	4.50	Yes	188.43	12.48	(128.89)
20000-007685	1.5" Meters: Core - (2) New	11/01/2007	09/01/2015	9	1,058.14	404.71	-	(653.43)	20.00	11.00	50.59	25.29	Yes	1,058.14	70.37	(723.80)
20000-007730.2	5/8" Meters: Core & Community Systems - (1) New	12/01/2007	06/01/2015	6	129.57	49.89	-	(79.68)	20.00	11.00	6.19	3.10	Yes	129.57	(20.59)	(59.09)
20000-007730.3	5/8" Meters: Core & Community Systems - (1) New	12/01/2007	06/01/2015	6	129.57	49.89	-	(79.68)	20.00	11.00	6.19	3.10	Yes	129.57	(20.59)	(59.09)
20000-007783	1.5" Meters: Core - (1) New	01/01/2008	12/01/2015	12	412.69	138.12	-	(274.57)	20.00	11.00	19.73	9.87	Yes	412.69	101.82	(376.39)
20000-008156	1.5" Meters: Core - (1) Renewed	10/01/2008	09/01/2015	9	491.27	164.42	-	(326.85)	20.00	11.00	23.49	11.74	Yes	491.27	9.19	(336.04)
Subtotal: 334000-2000-001 (9)					**4,253.59**	**1,583.80**	**-**	**(2,669.79)**			**203.36**	**101.68**		**4,253.59**	**376.85**	**(3,046.64)**
Asset Type: Radios for Metering Equipment																
Asset GL Acct #: 334100-2000-001																
20000-007797.6	Neptune Radio Installs - Core - 4 Neptunes	01/01/2008	09/01/2015	9	319.58	106.96	-	(212.62)	20.00	11.00	15.28	7.64	No			
20000-007979.1	Neptune Radio Installs - Core - 16 Neptunes	06/01/2008	12/01/2015	12	1,737.28	581.42	-	(1,155.86)	20.00	11.00	83.06	41.53	No			
20000-008036.1	Neptune Radio Installs - Community Systems - 1 Neptunes	08/01/2008	09/01/2015	9	26.76	8.96	-	(17.80)	20.00	11.00	1.28	0.64	No			
20000-008036.2	Neptune Radio Installs - Community Systems - 1 Neptunes	08/01/2008	09/01/2015	9	26.76	8.96	-	(17.80)	20.00	11.00	1.28	0.64	No			
20000-008036.3	Neptune Radio Installs - Community Systems - 1 Neptunes	08/01/2008	09/01/2015	9	26.76	8.96	-	(17.80)	20.00	11.00	1.28	0.64	No			
20000-008036.4	Neptune Radio Installs - Community Systems - 1 Neptunes	08/01/2008	09/01/2015	9	26.76	8.96	-	(17.80)	20.00	11.00	1.28	0.64	No			
20000-008036.7	Neptune Radio Installs - Community Systems - 1 Neptunes	08/01/2008	03/01/2015	3	26.76	8.96	-	(17.80)	20.00	11.00	1.28	0.64	No			
20000-008036.8	Neptune Radio Installs - Community Systems - 19 Neptunes	08/01/2008	03/01/2015	3	508.47	170.16	-	(338.31)	20.00	11.00	24.31	12.15	No			
20000-008622	Neptune Registers: Community Systems (1)	08/01/2009	06/01/2015	6	70.34	20.16	-	(50.18)	20.00	11.00	3.36	1.68	No			
20000-008648	Neptune Replacement: Core - (1) Neptune	09/01/2009	06/01/2015	6	65.61	18.84	-	(46.77)	20.00	11.00	3.14	1.57	No			
20000-008754.1	Neptune Radio Installs: Community Systems - 4	10/01/2009	12/01/2015	12	454.84	130.49	-	(324.35)	20.00	11.00	21.75	10.87	No			
20000-009212	Neptune Replacements: Comm Sys, 1	04/01/2010	12/01/2015	12	66.79	15.96	-	(50.83)	20.00	11.00	3.19	1.60	No			
20000-010860	Neptune Radio Installs: Community Systems - (1)	12/01/2010	03/01/2015	3	92.65	22.14	-	(70.51)	20.00	11.00	4.43	2.21	No			
20000-07797.11	Neptune Radio Installs - Core - 2 Neptunes	01/01/2008	09/01/2015	9	159.79	53.48	-	(106.31)	20.00	11.00	7.64	3.82	No			
20000-07797.51	Neptune Radio Installs - Core - 1	01/01/2008	09/01/2015	9	79.90	26.74	-	(53.16)	20.00	11.00	3.82	1.91	No			
20000-08112.22	Neptune Radio Installs - Community Systems - 2 Neptunes	09/01/2008	06/01/2015	6	201.84	67.54	-	(134.30)	20.00	11.00	9.65	4.82	No			
20000-08112.23	Neptune Radio Installs - Community Systems - 2 Neptunes	09/01/2008	06/01/2015	6	201.84	67.54	-	(134.30)	20.00	11.00	9.65	4.82	No			
20000-08112.27	Neptune Radio Installs - Community Systems - 3 Neptunes	09/01/2008	06/01/2015	6	302.70	101.30	-	(201.40)	20.00	11.00	14.47	7.24	No			
20000-08112.28	Neptune Radio Installs - Community Systems - 3 Neptunes	09/01/2008	06/01/2015	6	302.76	101.30	-	(201.46)	20.00	11.00	14.47	7.24	No			
20000-08465.53	Neptune Radio Installs - Core - 5 Neptunes	05/01/2009	09/01/2015	9	354.42	101.64	-	(252.78)	20.00	11.00	16.94	8.47	No			
20000-08465.72	Neptune Radio Installs - Core - 6 Neptunes	05/01/2009	03/01/2015	3	425.30	121.99	-	(303.31)	20.00	11.00	20.33	10.17	No			
20000-7634.741	Neptune Radio Installs - Core - 3 Neptunes	10/01/2007	06/01/2015	6	330.72	126.71	-	(204.01)	20.00	11.00	15.81	7.91	No			
20000-7634.744	Neptune Radio Installs - Core - 3 Neptunes	10/01/2007	03/01/2015	3	330.72	125.79	-	(204.93)	20.00	11.00	15.81	7.91	No			
20000-7634.751	Neptune Radio Installs - Core - 1 Neptunes	10/01/2007	09/01/2015	9	110.24	42.24	-	(68.00)	20.00	11.00	5.27	2.64	No			
20000-7634.787	Neptune Radio Installs - Core - 1 Neptunes	10/01/2007	12/01/2015	12	110.24	42.24	-	(68.00)	20.00	11.00	5.27	2.64	No			
20000-7634.788	Neptune Radio Installs - Core - 1 Neptunes	10/01/2007	12/01/2015	12	110.24	42.24	-	(68.00)	20.00	11.00	5.27	2.64	No			
20000-7634.789	Neptune Radio Installs - Core - 3 Neptunes	10/01/2007	12/01/2015	12	440.96	167.96	-	(273.00)	20.00	11.00	21.08	10.54	No			
20000-7634.793	Neptune Radio Installs - Core - 1 Neptunes	10/01/2007	09/01/2015	9	110.24	42.24	-	(68.00)	20.00	11.00	5.27	2.64	No			
20000-7634.794	Neptune Radio Installs - Core - 1 Neptunes	10/01/2007	09/01/2015	9	110.24	42.24	-	(68.00)	20.00	11.00	5.27	2.64	No			
Subtotal: 334100-2000-001 (29)					**7,131.51**	**2,384.12**	**-**	**(4,747.39)**			**340.95**	**170.47**		**-**	**-**	**-**
Subtotal: Pennichuck Water (38)					**11,385.10**	**3,967.92**	**-**	**(7,417.18)**			**544.31**	**272.15**		**4,253.59**	**376.85**	**(3,046.64)**
Town or Department: Plaistow																
Asset Type: Meters																
Asset GL Acct #: 334000-2000-001																
200-5221.1.212	5/8" Meters: Valleyfield: Plaistow - (1) no Chamber	04/01/2003	09/01/2015	9	163.19	93.57	-	(69.62)	20.00	11.00	7.80	3.90	Yes	163.19	42.01	(111.63)
20000-005221	5/8" Meters: Valleyfield (2)	01/01/2003	12/01/2015	12	494.46	283.02	-	(211.44)	20.00	11.00	23.64	11.82	Yes	494.46	239.53	(450.97)
20000-005626	5/8" Meters: Valleyfield: Plaistow - (1) Renewed	05/01/2004	12/01/2015	12	113.30	59.50	-	(53.80)	20.00	11.00	5.42	2.71	Yes	113.30	49.53	(103.33)
Subtotal: 334000-2000-001 (3)					**770.95**	**436.09**	**-**	**(334.86)**			**36.86**	**18.43**		**770.95**	**331.07**	**(665.93)**
Subtotal: Plaistow (3)					**770.95**	**436.09**	**-**	**(334.86)**			**36.86**	**18.43**		**770.95**	**331.07**	**(665.93)**
Town or Department: Salem																
Asset Type: Meters																
Asset GL Acct #: 334000-2000-001																
20000-005074.3	5/8" Meters: Autumn Woods: Salem - (1) Renewed	08/01/2002	09/01/2015	9	141.17	87.52	-	(53.65)	20.00	11.00	6.75	3.37	Yes	141.17	42.91	(96.56)
Subtotal: 334000-2000-001 (1)					**141.17**	**87.52**	**-**	**(53.65)**			**6.75**	**3.37**		**141.17**	**42.91**	**(96.56)**
Subtotal: Salem (1)					**141.17**	**87.52**	**-**	**(53.65)**			**6.75**	**3.37**		**141.17**	**42.91**	**(96.56)**
Grand Total					**$1,469,869.63**	**$758,086.77**	**$0.00**	**($711,782.86)**			**$93,358.06**	**$46,679.03**		**$1,133,851.06**	**$409,756.87**	**($977,696.38)**

DW 16-806
PENNICHUCK WATER WORKS, INC.
ANALYSIS OF 2016 MUNICIPAL AND STATE REAL ESTATE TAX
AND CALCULATION OF PRO-FORMA PROPERTY TAX EXPENSE

Taxing Entity	Identification	Actual Billing Valuation	Actual Billing Total Rate	Actual Billing Tax	State School Tax Rate	State School Tax Adjustment	Adjusted Tax
Amherst	002-139-000	$ 2,501,200	$ 22.87	$ 57,202			$ 57,202
	012-001-000	20,000	22.87	457			457
	002-026-000-PH	5,463,600	22.87	124,953			124,953
	016-001-000	28,100	22.87	643			643
	005-007-000	139,000	22.87	3,179			3,179
	005-007-001	20,200	22.87	462			462
	016-021-001	50,400	22.87	1,153			1,153
		8,222,500		**188,049**			**188,049**
Bedford	8-16-66	5,202,000	19.80	103,000			103,000
	39-98-85-1	82,300	19.80	1,630			1,630
	1-18-A	92,500	19.80	1,832			1,832
	26-7-A	182,400	19.80	3,612			3,612
	1-24-1-1	125,900	19.80	2,493			2,493
	2-23-3-1	30,000	19.80	594			594
	34-28	56,897	19.80	1,127			1,127
	34-36	13,200	19.80	261			261
	34-36-A	166,200	19.80	3,291			3,291
		5,951,397		**117,838**			**117,838**
Derry	07-047-005	785,300	24.83	19,499			19,499
	06-105	831,300	24.83	20,641			20,641
	07-047-007	850,700	24.83	21,123			21,123
	10-062-020	915,100	24.83	22,722			22,722
	10-098-103	908,800	24.83	22,566			22,566
	13-015-001-054	805,500	24.83	20,001			20,001
	10-010-A	447,200	24.83	11,104			11,104
	09-057	100,000	24.83	2,483			2,483
		5,643,900		**140,138**			**140,138**
Epping	040-500-001	**224,600**	**23.61**	**5,303**			**5,303**

DW 16-806
PENNICHUCK WATER WORKS, INC.
ANALYSIS OF 2016 MUNICIPAL AND STATE REAL ESTATE TAX
AND CALCULATION OF PRO-FORMA PROPERTY TAX EXPENSE

Taxing Entity	Identification	Actual Billing Valuation	Actual Billing Total Rate		Actual Billing Tax	State School Tax Rate	State School Tax Adjustment	Adjusted Tax
Hollis	033-017	**270,600**	**21.07**		**5,702**			**5,702**
Merrimack	00002D-000000-000000	4,593,400	20.90		96,002			96,002
	00002A-000008-000000	10,000	22.79	^	228	2.19	(22)	206
	00001A-000001-000000	600	22.79	^	14	2.19	(1)	12
	00002C-000074-000000	4,482	22.79	^	102	2.19	(10)	92
	00002C-000005-000000	18,600	22.79	^	424	2.19	(41)	383
	00002C-000004-000000	19,000	22.79	^	433	2.19	(42)	391
	00002B-000007-000000	388	22.79	^	9	2.19	(1)	8
	00002E-000032-000001	212,900	23.09	^	4,916	2.19	(466)	4,450
	00001D-000001-000001	269,975	23.09	^	6,234	2.19	(591)	5,642
	00002D-000004-000001	4,660	23.09	^	108	2.19	(10)	97
	00001D-000001-000005	221,400	22.79	^	5,046	2.19	(485)	4,561
		5,355,405			**113,514**		**(1,669)**	**111,846**
Milford	041-000-000-000	**1,896,200**	**26.65**		**50,534**			**50,534**
Nashua	0000E-01379	2,600	25.07	^	65	2.54	(7)	59
	0052-00007	3,800	25.07	^	95	2.54	(10)	86
	0052-00085	16,900	25.07	^	424	2.54	(43)	381
	0052-00023	13,100	25.07	^	328	2.54	(33)	295
	0052-00081	14,800	25.07	^	371	2.54	(38)	333
	0052-00065	7,600	22.53		171			171
	0052-00024	3,800	25.07	^	95	2.54	(10)	86
	0052-00001	3,600	25.07	^	90	2.54	(9)	81
	0052-00014	4,300	25.07	^	108	2.54	(11)	97
	0052-00104	3,600	25.07	^	90	2.54	(9)	81
	0052-00039	4,200	25.07	^	105	2.54	(11)	95
	0052-00049	4,700	25.07	^	118	2.54	(12)	106
	0052-00082	4,500	25.07	^	113	2.54	(11)	101
	0049-00013	14,300	25.07	^	359	2.54	(36)	322

DW 16-806
PENNICHUCK WATER WORKS, INC.
ANALYSIS OF 2016 MUNICIPAL AND STATE REAL ESTATE TAX
AND CALCULATION OF PRO-FORMA PROPERTY TAX EXPENSE

Taxing Entity	Identification	Actual Billing Valuation	Actual Billing Total Rate		Actual Billing Tax	State School Tax Rate	State School Tax Adjustment	Adjusted Tax
	0000I-00004	464,000	22.53		10,454			10,454
	0000B-00757	766,000	22.53		17,258			17,258
	0000H-00465	4,300	22.53		97			97
	0000C-02213	99,100	22.53		2,233			2,233
	0000G-00485	217,400	25.07	^	5,450	2.54	(552)	4,898
	0000G-00486	41,400	22.53		933			933
	0052-00118	106,464,900	22.53		2,398,654			2,398,654
	0000G-00484	58,200	25.07	^	1,459	2.54	(148)	1,311
	0000H-00523	1,021,300	22.53		23,010			23,010
	0000H-00524	325,500	22.53		7,334			7,334
	0000G-00488	459,500	22.53		10,353			10,353
	0000G-00489	86,100	25.07	^	2,159	2.54	(219)	1,940
	0000G-00490	415,800	22.53		9,368			9,368
	0000B-02350	48,500	22.53		1,093			1,093
	0001-00060	5,861,200	22.53		132,053			132,053
	0000H-00632	86,200	25.07	^	2,161	2.54	(219)	1,942
	0000G-00592	1,092,600	22.53		24,616			24,616
	0000A-00117	500	22.53		11			11
	000PC-00004	1,600,000	25.07	^	40,112	2.54	(4,064)	36,048
	0051-00010	2,607,600	22.53		58,749			58,749
	0000I-00092	311,500	25.07	^	7,809	2.54	(791)	7,018
		122,133,400			**2,757,898**		**(6,232)**	**2,751,666**
Newmarket	R7-14W	**285,200**	**23.05**		**6,574**			**6,574**
Plaistow	99-40	**790,000**	**20.28**		**16,021**			**16,021**
Salem	9-5899-1	**356,000**	**18.04**		**6,422**			**6,422**
Total Municipal		**$ 151,129,202**			**$ 3,407,992**		**$ (7,901)**	**$ 3,400,091**
State of NH		**$ 139,076,000**	**$ 6.60**		**$ 917,902**			**$ 917,902**

DW 16-806
PENNICHUCK WATER WORKS, INC.
ANALYSIS OF 2016 MUNICIPAL AND STATE REAL ESTATE TAX
AND CALCULATION OF PRO-FORMA PROPERTY TAX EXPENSE

Taxing Entity	Identification	Actual Billing Valuation	Actual Billing Total Rate	Actual Billing Tax	State School Tax Rate	State School Tax Adjustment	Adjusted Tax
Total Property Taxes - 2016				**$ 4,325,893**		**$ (7,901)**	**$ 4,317,992**
Less: Pro-forma Property Tax Expense per Co:							
	Property Tax Expense per 2015 Annual Report (Pg 75; Sch F-50)					$ (4,022,844)	
	Co's pro-forma's relative to Property Tax Expense (revised 1604.06 Sch 1; Att D; Adj's IA, IB, & IC)					(242,613)	(4,265,457)
Staff Pro-forma Adjustment to Property Tax Expense							**$ 52,535**

^ = Includes a State School Tax assessment by the municipality.

Summary - 2016:

	Valuation	Assessed Tax	Adjustment	Adjusted Tax
Amherst	$ 8,222,500	$ 188,049	$ -	$ 188,049
Bedford	5,951,397	117,838	-	117,838
Derry	5,643,900	140,138	-	140,138
Epping	224,600	5,303	-	5,303
Hollis	270,600	5,702	-	5,702
Merrimack	5,355,405	113,514	(1,669)	111,846
Milford	1,896,200	50,534	-	50,534
Nashua	122,133,400	2,757,898	(6,232)	2,751,666
Newmarket	285,200	6,574	-	6,574
Plaistow	790,000	16,021	-	16,021
Salem	356,000	6,422	-	6,422
Total Municipal	**$ 151,129,202**	**$ 3,407,992**	**$ (7,901)**	**$ 3,400,091**
State of NH	**$ 139,076,000**	**$ 917,902**	**$ -**	**$ 917,902**
Totals		**$ 4,325,893**	**$ (7,901)**	**$ 4,317,992**

Pennichuck Water Works, Inc.
Proposed 2016 Asset Acquisition Details
For the Twelve Months Ended December 31, 2016

Work Order Number(s)	Project Name	Project Description	Financing Docket No.	NHPUC Order No.	Date of NHPUC Order	Estimated Project Cost	Used and Useful	Used and Useful?	Actual year end Project Costs	Invest $$ sought in Step Increase	WICA Eligible	Acct #	303	304	305	309	310
1502517/1600375	Marquis St. Main Replacement	Paving for 2015 Water Main Replacement	DW14-130	25,734	11/7/2014	$ 28,500	CWIP	No	$ 57	$ -	No	331					
1502416/1600380	Rochette St. Main Replacement	Paving for 2015 Water Main Replacement	DW14-130	25,734	11/7/2014	$ 28,500	CWIP	No	$ 115	$ -	No	331					
1502514/1700315	Ash St. Main Replacement	Paving for 2015 Water Main Replacement	DW14-130	25,734	11/7/2014	$ 51,300	CWIP	No	$ 4,719	$ -	No	331					
1502515/1601376	Lake St. Main Replacement	Paving for 2015 Water Main Replacement	DW14-130	25,734	11/7/2014	$ 75,500	CWIP	No	$ 1,645	$ -	No	331					
1502510/1600373	Lovell St. Main Replacement	Paving for 2015 Water Main Replacement	DW14-130	25,734	11/7/2014	$ 55,500	CWIP	No	$ 607	$ -	No	331					
1502506/1600364	Chestnut St. Main Replacement	Paving for 2015 Water Main Replacement	DW14-130	25,734	11/7/2014	$ 45,600	deferred	No	$ -	$ -	No	331					
1504657/1600220	Maple Haven Booster Station Upgrade - Richardson Interconnect	Station Rebuild and system interconnection	DW14-130	25,734	11/7/2014	$ 225,500	Apr-16	Yes	$ 377,419	$ 377,419	No	304/311/330		$ 125,806			
1502354/1600378	Old Nashua Rd. RR Crossing	Add 160 LF 12" DIPCL in sleeve under Rail Road inconjuctino with Town Paving Project	DW14-130	25,734	11/7/2014	$ 165,600	Dec-15	Yes	$ 188,056	$ 188,056	No	331					
1500955//1601365	Merrimack River Raw Water Transmission Main	Raw Water Transmission Main	DW15-046	25,774	4/13/2015	$ 2,991,000	Dec-16	Yes	$ 3,364,039	$ 3,364,039	No	309				$ 3,364,039	
1600371	Howard Street Water Main Replacement	Replace 660 LF of 6" DIPCL and 40 LF of 4"	DW14-130	25,734	11/7/2014	$ 73,000	Jul-16	Yes	$ 108,032	$ 108,032	No	331					
1600365	WICA - Paving from 2015 Projects	Burke Street Paving	DW14-130	25,734	11/7/2014	$ 110,000	Dec-16	Yes	$ 110,000	$ 110,000	Yes	331					
1617682	Water Street Main Abandonment and Service relocations	Retire 755 LF of 6" CIP, reconnect services to existing 12"	DW14-130	25,734	11/7/2014	$ 57,345	Dec-16	Yes	$ 107,274	$ 107,274	Yes	331					
1700637	Stevens St. Water Main Replacement - Main Street Intersection	Replace 15 LF of 6" CIP with 15 LF of 6" DIPCL, new tap	DW14-130	25,734	11/7/2014	$ 65,700	Nov-16	Yes	$ 32,769	$ 32,769	Yes	331					
1700638	Revere St. Water Main Replacement - Main Street Intersection	Replace 38 LF of 6" CIP with 38 LF of 6" DIPCL, new tap	DW14-130	25,734	11/7/2014	$ 73,700	Nov-16	Yes	$ 20,387	$ 20,387	Yes	331					
1700639	Field St. Water Main Replacement - Main Street Intersection	Replace 42 LF of 6" CIP with 42 LF of 6" DIPCL, new tap	DW14-130	25,734	11/7/2014	$ 73,700	Nov-16	Yes	$ 30,424	$ 30,424	Yes	331					
1600394	Allds St. Water Main Replacement - Main Street Intersection	Replace 113 LF of1 6" CIP with 113 LF of1 6" DIPCL, new tap	DW14-130	25,734	11/7/2014	$ 119,000	Nov-16	Yes	$ 29,641	$ 29,641	Yes	331					
1700632	W. Allds St. Water Main Replacement - Main Street Intersection	Replace 59 LF of1 2" Steel with 59 LF of1 6" DIPCL, new tap	DW14-130	25,734	11/7/2014	$ 15,000	Nov-16	Yes	$ 35,215	$ 35,215	Yes	331					
1600393	Faxon St./Ave. Water Main Replacement - Main Street Intersection	Replace 15 LF of 6" CIP with 15 LF of 6" DIPCL, new tap	DW14-130	25,734	11/7/2014	$ 73,700	Nov-16	Yes	$ 31,430	$ 31,430	Yes	331					
1600392	Taylor St. Water Main Replacement - Main Street Intersection	Replace 26 LF of 6" CIP with 26 LF of 12" DIPCL, new tap	DW14-130	25,734	11/7/2014	$ 73,700	Nov-16	Yes	$ 21,259	$ 21,259	Yes	331					
1600390	Russell Ave. Water Main Replacement - Main Street Intersection	Replace 20 LF of 6" CIP with 20 LF of 8" DIPCL, new tap	DW14-130	25,734	11/7/2014	$ 73,700	Nov-16	Yes	$ 34,684	$ 34,684	Yes	331					
1600389	Lincoln Ave. Water Main Replacement - Main Street Intersection	Replace 40 LF of 6" CIP with 40 LF of 8" DIPCL, new tap	DW14-130	25,734	11/7/2014	$ 73,700	Nov-16	Yes	$ 42,610	$ 42,610	Yes	331					
1600388	Buchanan St. Water Main Replacement - Main Street Intersection	Replace 45 LF of 8" CIP with 45 LF of 8" DIPCL, new tap	DW14-130	25,734	11/7/2014	$ 73,700	Nov-16	Yes	$ 25,203	$ 25,203	Yes	331					
1600384	Fossa Ave. Water Main Replacement - Main Street Intersection	Replace 83 LF of 6" CIP with 83 LF of 8" DIPCL, new tap	DW14-130	25,734	11/7/2014	$ 73,700	Nov-16	Yes	$ 56,689	$ 56,689	Yes	331					
1600398	Fowell St. Water Main Replacement - Main Street Intersection	Replace 33 LF of 6" CIP with 33 LF of 6" DIPCL, new tap	DW14-130	25,734	11/7/2014	$ 73,700	Nov-16	Yes	$ 33,806	$ 33,806	Yes	331					
1600397	Pratt St. Water Main Replacement - Main Street Intersection	Replace 49 LF of 6" CIP with 49 LF of 12" DIPCL, new tap	DW14-130	25,734	11/7/2014	$ 102,000	Nov-16	Yes	$ 33,241	$ 33,241	Yes	331					
1700634	Dickerman St. Water Main Replacement - Main Street Intersection	Replace 3 LF of 6" CIP with 3 LF of 6" DIPCL, new tap	DW14-130	25,734	11/7/2014	$ 7,710	Nov-16	Yes	$ 7,152	$ 7,152	Yes	331					
1700636	Montgomery St. Water Main Replacement - Main Street Intersection	Replace 47 LF of 6" CIP with 47 LF of 8" DIPCL, new tap	DW14-130	25,734	11/7/2014	$ 18,391	Nov-16	Yes	$ 20,435	$ 20,435	Yes	331					
1505133/1600374	Main St. Water Main Replacement (w/Main Street Intersections)	Replace 179 LF of 16" DIPCL and 10 LF of 24" DIPCL and associated paving	DW14-130	25,734	11/7/2014	$ 644,185	Nov-16	Yes	$ 606,524	$ 606,524	Yes	331					
1617684	Gillis St. Water Main Improvement	Replace 1175 LF of 4" CIP with 47 LF of 8" DIPCL	DW14-130	25,734	11/7/2014	$ 215,000	Dec-16	Yes	$ 246,166	$ 246,166	Yes	331					
1620662	Orange Street Main Improvements	Replace 662 LF of 8" CIP with 662 LF of 8" DIPCL	DW14-130	25,734	11/7/2014	$ 135,000	Dec-16	Yes	$ 134,098	$ 134,098	Yes	331					
1600381	Temple Street Water Main Replacement	Replace 300 LF of 8" CIP with 300 LF of 8" DIPCL	DW14-130	25,734	11/7/2014	$ 93,000	CWIP	No	$ 5,185	$ -	Yes	331					
1601320	Berkshire St. Water Main Replacement - Amherst Street Area	Replace 575 LF of 6" CIP with 575 LF of 6" DIPCL	DW16-236	25,887	4/26/2016	$ 158,000	CWIP	No	$ 16,453	$ -	Yes	331					
1601321	Terrace St. Water Main Replacement - Amherst Street Area	Replace 280 LF of 4/2" CIP with 280 LF of 4" DIPCL	DW16-236	25,887	4/26/2016	$ 73,000	CWIP	No	$ 7,164	$ -	Yes	331					
1601318	Amherst St. Water Main Replacement	Replace 3150 LF of 6" CIP with 3150 LF of 12" DIPCL	DW16-236	25,887	4/26/2016	$ 1,097,000	Dec-16	Yes	$ 632,643	$ 632,643	Yes	331					
1601319	Bruce St. Water Main Replacement - Amherst Street Area	Replace 260 LF of 6" CIP with 260 LF of 6" DIPCL	DW16-236	25,887	4/26/2016	$ 72,000	CWIP	No	$ 12,977	$ -	Yes	331					
1700598	Gorman Avenue Water Main Replacement - (Temple to Hoyts)	Replace 113 LF of 1-1/2" Steel with 20 LF of 4" DIPCL	DW14-130	25,734	11/7/2014	$ 61,000	deferred	No	$ -	$ -	Yes	331					
1600403	Shedds Avenue Water Main Replacement - (Scripture to Worcester)	Replace 261 LF of 2" Steel with 261 LF of 4" DIPCL	DW14-130	25,734	11/7/2014	$ 100,000	Dec-16	Yes	$ 72,081	$ 72,081	Yes	331					
1600402	Hoyts Lane Water Main Replacement - (Scripture to Shedds)	Replace 80 LF of 4" CIP with 246 LF of 4" DIPCL	DW14-130	25,734	11/7/2014	$ 57,000	Dec-16	Yes	$ 22,310	$ 22,310	Yes	331					
1600404	Scripture St. Water Main Replacement - (Temple to Worcester)	Replace 430 LF of 2" Steel with 430 LF of 8" DIPCL	DW14-130	25,734	11/7/2014	$ 143,000	Dec-16	Yes	$ 88,574	$ 88,574	Yes	331					
1600405	Worcester St. Water Main Replacement - (Scripture to Shedds)	Replace 416 LF of 6" CIP with 416 LF of 8" DIPCL	DW14-130	25,734	11/7/2014	$ 143,000	Dec-16	Yes	$ 116,350	$ 116,350	Yes	331					
1600400	Tolles Street Water Main Replacement	Replace 462 LF of 6" CI with 462 LF of 8" DI CL52	DW14-130	25,734	11/7/2014	$ 146,000	Oct-16	Yes	$ 150,252	$ 150,252	Yes	331					
1600381	Temple Street Water Main Replacement (Armory to Commercial)	Clean and reline 850LF of 10" C.I. Pipe, Replace 155 LF of 10" CI with 20 LF 12" DIPCL/135LF 10" DIPCL	DW14-130	25,734	11/7/2014	$ 93,000	deferred	No	$ -	$ -	Yes	331					
1617681	Chestnut Street Water Main Replacement (Kinsley to W. Otterson)	Replace 550 LF of 4"/6" CIP with 550 LF of 12" DIPCL	DW14-130	25,734	11/7/2014	$ 199,000	Oct-16	Yes	$ 144,735	$ 144,735	Yes	331					
1617680	Bridle Path Water Main Replacement	Replace 330 LF of 6" CIP/1-1/4" steel with 330 LF of 6"/4" DIPCL	DW14-130	25,734	11/7/2014	$ 89,000	Dec-16	Yes	$ 61,225	$ 61,225	Yes	331					
1607377	Gilman Street Water Main Replacement	Replace 1460 LF of 6"/8" CIP with 1460 LF of 8" DIPCL	DW14-130	25,734	11/7/2014	$ 453,000	CWIP	No	$ 62,832	$ -	Yes	331					
1603403	Edwards Water Main Replacement	Replace 462 LF of Steel/CIP with 462 LF of 8" DIPCL	DW14-130	25,734	11/7/2014	$ 130,000	May-16	Yes	$ 138,388	$ 138,388	Yes	331					
1603605	Birch Brow Road Water Main Replacement	Replace 52 LF of 6"/4" CIP with 52 LF of 2" HDPE	DW14-130	25,734	11/7/2014	$ 22,000	May-16	Yes	$ 16,924	$ 16,924	Yes	331					
1601367/1061368	Manchester Street Water Main Replacement	Replace 1151 LF of AC Pipe with 1,151 LF of 8" and 12" DI CL52 Pipe	DW14-130	25,734	11/7/2014	$ 300,000	Dec-16	Yes	$ 350,173	$ 350,173	Yes	331					
1617688	Engineering Vehicle Jeep Cherokee Replacement	New Water Supply Engineer Vehicle Retain Jeep for Inspector Vehicle	DW14-130	25,734	11/7/2014	$ 34,033	Oct-16	Yes	$ 30,951	$ 30,951	No	341					
1602172	Engineering Vehicle #32 Replacement	New Sr. Distribution Eng. Vehicle. Retain #32 for Inspector Vehicle	DW14-130	25,734	11/7/2014	$ 25,967	Mar-16	Yes	$ 26,212	$ 26,212	No	341					
1601374	ARCServe UDP Backup & De-Duplication Device	Information Systems Upgrades	DW14-130	25,734	11/7/2014	$ 36,409	Feb-16	Yes	$ 36,409	$ 36,409	No	347					
1600891	Click Mobil	Meter Resource electronic work orders	DW14-130	25,734	11/7/2014	$ 100,000	Dec-14	Yes	$ 81,711	$ 81,711	No	347					
1603121	Memory Upgrade for 4th VM Server	Additional Memory to completely fill the Server memory banks and allow for better server utilization	DW14-130	25,734	11/7/2014	$ 8,044	May-16	Yes	$ 8,044	$ 8,044	No	347					
1601383	New Cubicle Supplies	purchase and installation of cubicles in IT and CS	DW14-130	25,734	11/7/2014	$ 11,452	Jan-16	Yes	$ 11,452	$ 11,452	No	340					
1400048/1500032/16000061	Asset Management 2016 - GIS/GeoSync/Work Order/Time Collection/Inventory	Ongoing software and hardware implementation for Asset Management	DW14-130	25,734	11/7/2014	$ 805,000	Jan-14	Yes	$ 809,517	$ 809,517	No	347					
1600838	Computer Room Air Conditioner	Replacement air conditioner for the one that origianlly came with the building that failed	DW14-130	25,734	11/7/2014	$ 15,000	Apr-16	Yes	$ 14,166	$ 14,166	No	347					
#1600000024-1	WTP Backup Server Replacement	New backup appliance	DW14-130	25,734	11/7/2014	$ 12,000	deferred	No	$ -	$ -	No	347					
	VM Server	Additional Virtual Server which will allow for additional Virtual machines to be spin up.	DW14-130	25,734	11/7/2014	$ 31,000	deferred	No	$ -	$ -	No	347					
	Click Upgrade	Upgrade to Click to implement newer software due to older software being depricated	DW14-130	25,734	11/7/2014	$ 18,000	deferred	No	$ -	$ -	No	347					
1702081	Firewall Replacement 2016	Replace existing firewall gaining increased functionality and security	DW14-130	25,734	11/7/2014	$ 11,000	deferred	No	$ -	$ -	No	347					
1617690	LTO6 Tape Drive	larger format tape drive to allow for more information on a single tape	DW14-130	25,734	11/7/2014	$ 11,100	deferred	No	$ -	$ -	No	347					
1602656	PCs for Customer Service (21)	Replacement necessary to meet Recommended stardards for the Munis upgrade	DW14-130	25,734	11/7/2014	$ 46,247	Dec-16	Yes	$ 35,600	$ 35,600	No	347					
1609530	Website update	to accommodate ADA standards	DW14-130	25,734	11/7/2014	$ 20,000	CWIP	No	$ 13,250	$ -	No	347					
1605407	BNA Replacement - Fixed Asset Software (RAM 4000)	Replace BNA which is limited by the number of splits you can complete on an asset	DW14-130	25,734	11/7/2014	$ 39,600	Dec-16	Yes	$ 32,634	$ 32,634	No	347					
1602330	Malwarebytes - Security Upgrade and Addiotion	increase security for laptops and desktops; also aiding in limiting our exposure to Ransomware	DW14-130	25,734	11/7/2014	$ 14,725	Aug-16	Yes	$ 14,725	$ 14,725	No	347					
	ATA Replacement (for analog line connectors)	replacing existing hardware that has been desupported by the vendor	DW14-130	25,734	11/7/2014	$ 3,000	deferred	No	$ -	$ -	No	347					
1613125	Rehab of Existing Opex system	upgrade existing Opex machine to increase performance and allow for continued support.	DW14-130	25,734	11/7/2014	$ 3,000	CWIP	No	$ 2,500	$ -	No	347					
	Laptops (2) - for general use	needed by users for miscellanious presentations and projects.	DW14-130	25,734	11/7/2014	$ 3,000	deferred	No	$ -	$ -	No	347					
1614048	PDF Converter Software	replace outdated software. Increased functionality	DW14-130	25,734	11/7/2014	$ 4,000	Sep-16	Yes	$ 3,994	$ 3,994	No	347					
1609528	Scanner for ES AP Implementation	Allow for the scanning of documents directly into our AP software, reducing data entry and increasing efficency	DW14-130	25,734	11/7/2014	$ 1,500	CWIP	No	$ 861	$ -	No	347					
1601621	Replacement UPS for Computer Room	replace 2 outdated UPSes with one Redundent model	DW14-130	25,734	11/7/2014	$ 53,541	Apr-16	Yes	$ 19,541	$ 19,541	No	347					
1601694	Customer Service Phone Replacement	Previous phone system upgrade took functionality away from CS. New phones restore that functionality	DW14-130	25,734	11/7/2014	$ 6,400	Aug-16	Yes	$ 6,400	$ 6,400	No	347					
1601877	Equipment for In-House Badge Production	Allows for badges to be printed internally. Needed to implement our Customer security plan.	DW14-130	25,734	11/7/2014	$ 4,571	Mar-16	Yes	$ 4,571	$ 4,571	No	347					
1602661	Engineering Workstation Replacement	Higher end user requirements needed for AutoCAD and GIS development	DW14-130	25,734	11/7/2014	$ 24,000	Aug-16	Yes	$ 11,483	$ 11,483	No	340					
	Replacement Excavator Trailer	Replace existing trailer, need to increase GVWR for larger excavator	DW14-130	25,734	11/7/2014	$ 12,000	deferred	No	$ -	$ -	No	345					
	Replacement Excavator (#87)	Replace aging excavator, new model to be one size larger.	DW14-130	25,734	11/7/2014	$ 75,000	deferred	No	$ -	$ -	No	345					
1617686	Service Truck Replacement (#58)	Repalce aging vehicle as part of the fleet management plan	DW14-130	25,734	11/7/2014	$ 55,000	Dec-16	Yes	$ 55,948	$ 55,948	No	341					
	Boom Truck Replacement (Replace w/ Multi-body)	Replace existing boom truck with a multi purpose unit.	DW14-130	25,734	11/7/2014	$ 130,000	deferred	No	$ -	$ -	No	345					
1601378	Construction Sign Package	Add additional safety signs for construction and flushing activities.	DW14-130	25,734	11/7/2014	$ 10,000	Dec-15	Yes	$ -	$ -	No	343					

1501650/1600383	Distribution Building Design and Construction	Replace Eixsintg Distribution Building	DW15-196	25,805	9/2/2015	$ 7,450,000	Dec-16	Yes	$ 7,705,866	$ 7,705,866	No	304		$ 7,705,866				
Monthly Work Order	2016 Renewed Services	Replace Steel Services M-S	DW14-130	25,734	11/7/2014	$ 95,000	Jan-16 - Dec-16	Yes	$ 101,506	$ 101,506	Yes	333						
Monthly Work Order	2016 Hydrants	Replace failed hydrants	DW14-130	25,734	11/7/2014	$ 36,000	Jan-16 - Dec-16	Yes	$ 59,796	$ 59,796	Yes	335						
Monthly Work Order	2016 Gates	Replace failed gate valves	DW14-130	25,734	11/7/2014	$ 52,000	Jan-16 - Dec-16	Yes	$ 20,628	$ 20,628	Yes	331						
Monthly Work Order	2016 Meters 5/8" - 6" - Core	Replace leaded brass meters	DW14-130	25,734	11/7/2014	$ 446,000	Jan-16 - Dec-16	Yes	$ 402,761	$ 402,761	No	334						
Monthly Work Order	2016 Meters 5/8" - 6" - Community Systems	Replace leaded brass meters	DW14-130	25,734	11/7/2014	$ 37,800	Jan-16 - Dec-16	Yes	$ 25,377	$ 25,377	No	334						
1607432	Metal Detectors (6)	Dig Safe Equipment	DW14-130	25,734	11/7/2014	$ 5,800	Sep-16	Yes	$ 5,775	$ 5,775	No	343						
1607438	Ferromagnetic Pipe Locators (3)	Dig Safe Equipment	DW14-130	25,734	11/7/2014	$ 9,500	Sep-15	Yes	$ 9,525	$ 9,525	No	343						
1602657	Loader Purchase (replace backhoe/loader #15)	Replace 1996 Backhoe/loader	DW14-130	25,734	11/7/2014	$ 123,700	Apr-16	Yes	$ 123,600	$ 123,600	No	345						
1702309	Heavy Dump Truck Replacement (#12)	Replace 2002 Dump Truck	DW14-130	25,734	11/7/2014	$ 130,000	deferred	No	$ -	$ -	No	345						
	Service Truck Replacement (truck #85)	Repalce 2002 Service Truck	DW14-130	25,734	11/7/2014	$ 55,000	deferred	No	$ -	$ -	No	341						
1608935	Meter service van replacement (van #24)	Replace 2005 Van	DW14-130	25,734	11/7/2014	$ 35,000	Sep-16	Yes	$ 25,842	$ 25,842	No	341						
1608936	Meter Foreman SUV (replace truck #28)	Replace 2008 SUV - Frame rotted, will not pass inspection	DW14-130	25,734	11/7/2014	$ 35,000	Sep-16	Yes	$ 26,225	$ 26,225	No	341						
1617282	Forklift Replacement (Propane)	Replace 1986 forklift	DW14-130	25,734	11/7/2014	$ 50,000	Dec-16	Yes	$ 28,582	$ 28,582	No	343						
	Replacement CE Units (4)	Replace aging/failed meter reading equipment	DW14-130	25,734	11/7/2014	$ 32,000	deferred	No	$ -	$ -	No	347						
	Pipe Saws (5)	Replace aging distribution repair equipment	DW14-130	25,734	11/7/2014	$ 6,000	deferred	No	$ -	$ -	No	343						
1607437	Leak Locator	Replace aging distribution leak detection equipment	DW14-130	25,734	11/7/2014	$ 4,100	Sep-16	Yes	$ 4,135	$ 4,135	No	343						
1605406	GPS equipment	Field equipment for GIS implementation by distribution staff	DW14-130	25,734	11/7/2014	$ 23,500	May-16	Yes	$ 22,660	$ 22,660	No	347						
1600216	Install Mixer in Bon Terrain Tank	Mixer to turn over water in Bon Terrain tank and lower TTHM's	DW14-130	25,734	11/7/2014	$ 40,000	Dec-16	Yes	$ 36,849	$ 36,849	No	320						
1601381	Replace Sludge Submersible Pumps (Jet Mixer Pumps) (2)	Enhance WTP Coagulation process	DW14-130	25,734	11/7/2014	$ 1,400	Mar-16	Yes	$ 1,400	$ 1,400	No	320						
1600208	Harris Dam Spillway Reconstruction	Eliminate spillway leakage, enhance ability to pass high flows	DW14-130	25,734	11/7/2014	$ 1,997,300	Jul-16	Yes	$ 1,922,032	$ 1,922,032	No	305				$ 1,922,032		
1503913/1600209	Dean and Main Building Rennovations	Rehabilitate building structure that is integral part of Supply Pond Dam	DW14-130	25,734	11/7/2014	$ 490,000	Jun-16	Yes	$ 480,321	$ 480,321	No	304		$ 480,321				
1601384	WTP Lagoons: Remove Accumulated Residuals	Comply with NHDES order	DW14-130	25,734	11/7/2014	$ 13,100	Mar-16	Yes	$ 13,067	$ 13,067	No	320						
Various Work Orders	Booster/Well/Chemical Feed Pump Replacements	Replace small CWS equipment as part of PM program	DW14-130	25,734	11/7/2014	$ 60,000	Jan-16 - Dec-16	Yes	$ 21,867	$ 21,867	No	320						
1605408	Glen Ridge - Replace Radon Treatment System	Replace failed radon blower	DW14-130	25,734	11/7/2014	$ 21,000	Nov-16	Yes	$ 13,894	$ 13,894	No	320						
1617607	WTP - Replace 12" Air Scour Valve, Filter A	Repalce failed air scour valve	DW14-130	25,734	11/7/2014	$ 2,000	Dec-16	Yes	$ 2,900	$ 2,900	No	320						
1603570	Q-Tray Sealer - WTP	Upgrade lab equipment necessary to maintain certification	DW14-130	25,734	11/7/2014	$ 3,600	Apr-16	Yes	$ 3,632	$ 3,632	No	344						
1609529	Hach DR900 Multi Parameter Field Instrument	Field water quality test equipment	DW14-130	25,734	11/7/2014	$ 1,700	Aug-16	Yes	$ 1,683	$ 1,683	No	344						
1618910	Purchase Lab Fluorimeter	Replacement Lab equipmnet	DW14-130	25,734	11/7/2014	$ 2,900	Dec-16	Yes	$ 2,900	$ 2,900	No	344						
	Replace Rotork Actuators (2)	Replace poorly functioning/failed valve acuators at WTP	DW14-130	25,734	11/7/2014	$ 12,000	deferred	No	$ -	$ -	No	320						
1614043	Replace Vehicle #44	Replace high mileage vehicle with mechanical issues	DW14-130	25,734	11/7/2014	$ 50,000	deferred	No	$ -	$ -	No	341						
1611905	Replace Vehicle #67	Frame is rusted through and will not pass inspection	DW14-130	25,734	11/7/2014	$ 25,000	Dec-16	Yes	$ 22,326	$ 22,326	No	341						
1611904	Replace Vehicle #99	Replace high mileage vehicle with mechanical issues	DW14-130	25,734	11/7/2014	$ 35,000	Dec-16	Yes	$ 33,340	$ 33,340	No	341						
1614047	Replace Vehicle #35	Replace high mileage vehicle with mechanical issues	DW14-130	25,734	11/7/2014	$ 25,000	Dec-16	Yes	$ 21,149	$ 21,149	No	341						
1603040	Replace Vehicle #68	replace vehicle that was totaled in an accident	DW14-130	25,734	11/7/2014	$ 27,109	Mar-16	Yes	$ 27,109	$ 27,109	No	341						
	Replace On-line Instrumentation WTP	Repalce aging/worn on-line water quality process moniters	DW14-130	25,734	11/7/2014	$ 20,000	deferred	No	$ -	$ -	No	344						
	Purchase of 55 acres of Westwood property	Watershed Protection	DW14-130	25,734	11/7/2014	$ 30,000	deferred	No	$ -	$ -	No	303	$ -					
	Replace SCADA Computers @ WTP	Replace aging computers	DW14-130	25,734	11/7/2014	$ 25,000	deferred	No	$ -	$ -	No	347						
1614450	Rebuild High Lift/Intermediate Pump	Replace worn pumps	DW14-130	25,734	11/7/2014	$ 16,000	Dec-16	Yes	$ 20,731	$ 20,731	No	311						
1618909	Rebuild Snow Station Low Lift Pump #2	Replace worn low lift pump @ WTP	DW14-130	25,734	11/7/2014	$ 3,300	Dec-16	Yes	$ 3,300	$ 3,300	No	311						
1609526	Purchase Wire Saw	New Technology for cutting pipe in tight areas	DW14-130	25,734	11/7/2014	$ 10,500	Aug-16	Yes	$ 10,322	$ 10,322	No	343						
1617687	Tool Box Replacements	Replace rotting tool boxes on 3 trucks	DW14-130	25,734	11/7/2014	$ 10,500	Dec-16	Yes	$ 10,440	$ 10,440	No	343						
1618911	Truck #77 Replacement	Replace high mileage vehicle with mechanical issues	DW14-130	25,734	11/7/2014	$ 66,000	Dec-16	Yes	$ 65,683	$ 65,683	No	341						
1620119	Truck #74 Replacement - 2016 Chevy Silverado 2500	Replace high mileage vehicle with mechanical issues	DW14-130	25,734	11/7/2014	$ 38,000	Dec-16	Yes	$ 38,106	$ 38,106	No	341						
1618912	Purchase Floor Scrubber	Required to clean floors at new distribution facility	DW14-130	25,734	11/7/2014	$ 25,500	Dec-16	Yes	$ 25,431	$ 25,431	No	341						
1611903	Additional Truck Purchase for Distribution	Supplement existing truck fleet	DW14-130	25,734	11/7/2014	$ 56,000	Sep-16	Yes	$ 55,965	$ 55,965	No	341						
1619401	IT vehicle	Vehicle for IT staff to travel between facilities	DW14-130	25,734	11/7/2014	$ 25,000	Oct-16	Yes	$ 23,237	$ 23,237	No	341						
1621893	New Laptops Purchased		DW14-130	25,734	11/7/2014	$ 12,000	Nov-16	Yes	$ 11,394	$ 11,394	No	347						
	New/Relocated Generator Hi and Lo	Add emergency generator at Hi-Lo Community Water System	DW14-130	25,734	11/7/2014	$ 25,000	deferred	No	$ -	$ -	No	310						
										Total 2016 Used and Useful Plant additions per Company			$ -	$ 8,311,993	$ 1,922,032	$ 3,364,039	$ -	
													$ -	$ (831,199)	$ (192,203)	$ (336,404)	$ -	
												Net Investment	$ -	$ 7,480,794	$ 1,729,829	$ 3,027,635	$ -	
												Depreciation Rate by Chart of Account	0.00%	2.46%	1.79%	1.50%	4.55%	
												Annual Depreciation Expense	$ -	$ 184,028	$ 30,964	$ 45,415	$ -	
										2016 Plant Additions traditionally deemed eligible for Step Adjustment per Staff		$ 19,018,011	$ -	$ 8,311,993	$ 1,922,032	$ 3,364,039	$ -	
													$ -	$ (831,199)	$ (192,203)	$ (336,404)	$ -	
												Net Investment	$ -	$ 7,480,794	$ 1,729,829	$ 3,027,635	$ -	
												Depreciation Rate by Chart of Account	0.00%	2.46%	1.79%	1.50%	4.55%	
												Annual Depreciation Expense	$ -	$ 184,028	$ 30,964	$ 45,415	$ -	

	Modified Rate Structure	Original Rate Structure
Net Increase in Plant in Service	$ 20,124,921	$ 19,018,011
Less: Mangement Fee allocation of New Distribution Facility ROI to Affiliates		
(28.14% Tier 3 2016 Allocation based on Return on Assets)	$ (2,168,431)	$ (2,168,431)
Net Increase in Plant Additions in 2016	$ 17,956,491	$ 16,849,580
Net Increase in Accumulated Depreciation	$ (270,024)	$ (222,184)
Less: Mangement Fee allocation of New Distribution Facility ROI to Affiliates		
(28.14% Tier 3 2016 Allocation based on Return on Assets)	$ 24,005	$ 24,005
Net Increase in Plant Additions in 2016	$ (246,019)	$ (198,179)
Increase in Property Tax Expense	$ 530,102	$ 527,130
Net Increase in Depreciation Expense		
Annual Depreciation Expense on 2016 Plant Additions	$ 540,048	$ 444,367
Less: Mangement Fee allocation of depreciation expense on New Distribution Facility to Affiliates		
(34.13% Tier 3 2016 Allocation based on Work Order activity)	$ (58,228)	$ (58,228)
Net Increase in Depreciation Expense	$ 481,819	$ 386,139

Schedule 3
STEP Additions

311	320	330	331	333	334	335	340	341	343	344	345	347	Subtotal	Cost of Removal @ 10.00%	Net Investment	Depreciation Rate	Annual Depreciation Expense	1/2 Year Accumulated Depreciation	Community	Taxable	Tax Rate	Annual Tax Expense
			$ -										$ -	$ -	$ -	1.50%	$ -	$ -	Nashua	No	$ -	$ -
			$ -										$ -	$ -	$ -	1.50%	$ -	$ -	Nashua	No	$ -	$ -
			$ -										$ -	$ -	$ -	1.50%	$ -	$ -	Nashua	No	$ -	$ -
			$ -										$ -	$ -	$ -	1.50%	$ -	$ -	Nashua	No	$ -	$ -
			$ -										$ -	$ -	$ -	1.50%	$ -	$ -	Nashua	No	$ -	$ -
			$ -										$ -	$ -	$ -	1.50%	$ -	$ -	Nashua	No	$ -	$ -
$ 125,806		$ 125,806											$ 377,419	$ (37,742)	$ 339,677	2.94%	$ 9,987	$ (4,993)	Derry	Yes	$ 31.43	$ 11,705
			$ 188,056										$ 188,056	$ (18,806)	$ 169,250	1.50%	$ 2,539	$ (1,269)	Amherst	Yes	$ 29.47	$ 5,505
													$ 3,364,039	$ (336,404)	$ 3,027,635	1.50%	$ 45,415	$ (22,707)	Merrimack	Yes	$ 27.50	$ 91,887
			$ 108,032										$ 108,032	$ (10,803)	$ 97,229	1.50%	$ 1,458	$ (729)	Nashua	Yes	$ 29.13	$ 3,126
			$ 110,000										$ 110,000	$ (11,000)	$ 99,000	1.50%	$ 1,485	$ (743)	Nashua	Yes	$ 29.13	$ 3,183
			$ 107,274										$ 107,274	$ (10,727)	$ 96,547	1.50%	$ 1,448	$ (724)	Nashua	Yes	$ 29.13	$ 3,104
			$ 32,769										$ 32,769	$ (3,277)	$ 29,492	1.50%	$ 442	$ (221)	Nashua	Yes	$ 29.13	$ 948
			$ 20,387										$ 20,387	$ (2,039)	$ 18,348	1.50%	$ 275	$ (138)	Nashua	Yes	$ 29.13	$ 590
			$ 30,424										$ 30,424	$ (3,042)	$ 27,382	1.50%	$ 411	$ (205)	Nashua	Yes	$ 29.13	$ 880
			$ 29,641										$ 29,641	$ (2,964)	$ 26,677	1.50%	$ 400	$ (200)	Nashua	Yes	$ 29.13	$ 858
			$ 35,215										$ 35,215	$ (3,522)	$ 31,694	1.50%	$ 475	$ (238)	Nashua	Yes	$ 29.13	$ 1,019
			$ 31,430										$ 31,430	$ (3,143)	$ 28,287	1.50%	$ 424	$ (212)	Nashua	Yes	$ 29.13	$ 909
			$ 21,259										$ 21,259	$ (2,126)	$ 19,133	1.50%	$ 287	$ (143)	Nashua	Yes	$ 29.13	$ 615
			$ 34,684										$ 34,684	$ (3,468)	$ 31,216	1.50%	$ 468	$ (234)	Nashua	Yes	$ 29.13	$ 1,004
			$ 42,610										$ 42,610	$ (4,261)	$ 38,349	1.50%	$ 575	$ (288)	Nashua	Yes	$ 29.13	$ 1,233
			$ 25,203										$ 25,203	$ (2,520)	$ 22,682	1.50%	$ 340	$ (170)	Nashua	Yes	$ 29.13	$ 729
			$ 56,689										$ 56,689	$ (5,669)	$ 51,020	1.50%	$ 765	$ (383)	Nashua	Yes	$ 29.13	$ 1,640
			$ 33,806										$ 33,806	$ (3,381)	$ 30,425	1.50%	$ 456	$ (228)	Nashua	Yes	$ 29.13	$ 978
			$ 33,241										$ 33,241	$ (3,324)	$ 29,917	1.50%	$ 449	$ (224)	Nashua	Yes	$ 29.13	$ 962
			$ 7,152										$ 7,152	$ (715)	$ 6,437	1.50%	$ 97	$ (48)	Nashua	Yes	$ 29.13	$ 207
			$ 20,435										$ 20,435	$ (2,044)	$ 18,392	1.50%	$ 276	$ (138)	Nashua	Yes	$ 29.13	$ 591
			$ 606,524										$ 606,524	$ (60,652)	$ 545,872	1.50%	$ 8,188	$ (4,094)	Nashua	Yes	$ 29.13	$ 17,549
			$ 246,166										$ 246,166	$ (24,617)	$ 221,549	1.50%	$ 3,323	$ (1,662)	Nashua	Yes	$ 29.13	$ 7,122
			$ 134,098										$ 134,098	$ (13,410)	$ 120,688	1.50%	$ 1,810	$ (905)	Nashua	Yes	$ 29.13	$ 3,880
			$ -										$ -	$ -	$ -	1.50%	$ -	$ -	Nashua	Yes	$ 29.13	$ -
			$ -										$ -	$ -	$ -	1.50%	$ -	$ -	Nashua	Yes	$ 29.13	$ -
			$ -										$ -	$ -	$ -	1.50%	$ -	$ -	Nashua	Yes	$ 29.13	$ -
			$ 632,643										$ 632,643	$ (63,264)	$ 569,379	1.50%	$ 8,541	$ (4,270)	Nashua	Yes	$ 29.13	$ 18,304
			$ -										$ -	$ -	$ -	1.50%	$ -	$ -	Nashua	Yes	$ 29.13	$ -
			$ -										$ -	$ -	$ -	1.50%	$ -	$ -	Nashua	Yes	$ 29.13	$ -
			$ 72,081										$ 72,081	$ (7,208)	$ 64,873	1.50%	$ 973	$ (487)	Nashua	Yes	$ 29.13	$ 2,086
			$ 22,310										$ 22,310	$ (2,231)	$ 20,079	1.50%	$ 301	$ (151)	Nashua	Yes	$ 29.13	$ 645
			$ 88,574										$ 88,574	$ (8,857)	$ 79,717	1.50%	$ 1,196	$ (598)	Nashua	Yes	$ 29.13	$ 2,563
			$ 116,350										$ 116,350	$ (11,635)	$ 104,715	1.50%	$ 1,571	$ (785)	Nashua	Yes	$ 29.13	$ 3,366
			$ 150,252										$ 150,252	$ (15,025)	$ 135,227	1.50%	$ 2,028	$ (1,014)	Nashua	Yes	$ 29.13	$ 4,347
			$ -										$ -	$ -	$ -	1.50%	$ -	$ -	Nashua	Yes	$ 29.13	$ -
			$ 144,735										$ 144,735	$ (14,473)	$ 130,261	1.50%	$ 1,954	$ (977)	Nashua	Yes	$ 29.13	$ 4,188
			$ 61,225										$ 61,225	$ (6,123)	$ 55,103	1.50%	$ 827	$ (413)	Nashua	Yes	$ 29.13	$ 1,771
			$ -										$ -	$ -	$ -	1.50%	$ -	$ -	Nashua	Yes	$ 29.13	$ -
			$ 138,388										$ 138,388	$ (13,839)	$ 124,549	1.50%	$ 1,868	$ (934)	Nashua	Yes	$ 29.13	$ 4,004
			$ 16,924										$ 16,924	$ (1,692)	$ 15,232	1.50%	$ 228	$ (114)	Nashua	Yes	$ 29.13	$ 490
			$ 350,173										$ 350,173	$ (35,017)	$ 315,156	1.50%	$ 4,727	$ (2,364)	Amherst	Yes	$ 29.47	$ 10,250
				$ 30,951									$ 30,951	$ (3,095)	$ 27,856	9.44%	$ 2,630	$ (1,315)	Nashua	No	$ -	$ -
				$ 26,212									$ 26,212	$ (2,621)	$ 23,591	9.44%	$ 2,227	$ (1,113)	Nashua	No	$ -	$ -
												$ 36,409	$ 36,409	$ (3,641)	$ 32,769	14.29%	$ 4,683	$ (2,341)	Merrimack	No	$ -	$ -
												$ 81,711	$ 81,711	$ (8,171)	$ 73,540	14.29%	$ 10,509	$ (5,254)	Merrimack	No	$ -	$ -
												$ 8,044	$ 8,044	$ (804)	$ 7,239	14.29%	$ 1,034	$ (517)	Merrimack	No	$ -	$ -
			$ 11,452										$ 11,452	$ (1,145)	$ 10,307	8.08%	$ 833	$ (416)	Merrimack	No	$ -	$ -
												$ 809,517	$ 809,517	$ (80,952)	$ 728,565	14.29%	$ 104,112	$ (52,056)	Merrimack	Yes	$ 27.50	$ 20,830
												$ 14,166	$ 14,166	$ (1,417)	$ 12,749	14.29%	$ 1,822	$ (911)	Merrimack	No	$ -	$ -
												$ -	$ -	$ -	$ -	14.29%	$ -	$ -	Nashua	No	$ -	$ -
												$ -	$ -	$ -	$ -	14.29%	$ -	$ -	Merrimack	No	$ -	$ -
												$ -	$ -	$ -	$ -	14.29%	$ -	$ -	Merrimack	No	$ -	$ -
												$ -	$ -	$ -	$ -	14.29%	$ -	$ -	Merrimack	No	$ -	$ -
												$ -	$ -	$ -	$ -	14.29%	$ -	$ -	Merrimack	No	$ -	$ -
												$ 35,600	$ 35,600	$ (3,560)	$ 32,040	14.29%	$ 4,578	$ (2,289)	Merrimack	No	$ -	$ -
												$ -	$ -	$ -	$ -	14.29%	$ -	$ -	Merrimack	No	$ -	$ -
												$ 32,634	$ 32,634	$ (3,263)	$ 29,370	14.29%	$ 4,197	$ (2,099)	Merrimack	No	$ -	$ -
												$ 14,725	$ 14,725	$ (1,472)	$ 13,252	14.29%	$ 1,894	$ (947)	Merrimack	No	$ -	$ -
												$ -	$ -	$ -	$ -	14.29%	$ -	$ -	Merrimack	No	$ -	$ -
												$ -	$ -	$ -	$ -	14.29%	$ -	$ -	Merrimack	No	$ -	$ -
												$ -	$ -	$ -	$ -	14.29%	$ -	$ -	Merrimack	No	$ -	$ -
												$ 3,994	$ 3,994	$ (399)	$ 3,595	14.29%	$ 514	$ (257)	Merrimack	No	$ -	$ -
												$ -	$ -	$ -	$ -	14.29%	$ -	$ -	Merrimack	No	$ -	$ -
												$ 19,541	$ 19,541	$ (1,954)	$ 17,587	14.29%	$ 2,513	$ (1,257)	Merrimack	No	$ -	$ -
												$ 6,400	$ 6,400	$ (640)	$ 5,760	14.29%	$ 823	$ (412)	Merrimack	No	$ -	$ -
												$ 4,571	$ 4,571	$ (457)	$ 4,113	14.29%	$ 588	$ (294)	Merrimack	No	$ -	$ -
			$ 11,483										$ 11,483	$ (1,148)	$ 10,334	8.08%	$ 835	$ (418)	Merrimack	No	$ -	$ -
										$ -			$ -	$ -	$ -	6.00%	$ -	$ -	Nashua	No	$ -	$ -
										$ -			$ -	$ -	$ -	6.00%	$ -	$ -	Nashua	No	$ -	$ -
				$ 55,948									$ 55,948	$ (5,595)	$ 50,353	9.44%	$ 4,753	$ (2,377)	Nashua	No	$ -	$ -
										$ -			$ -	$ -	$ -	6.00%	$ -	$ -	Nashua	No	$ -	$ -
					$ -								$ -	$ -	$ -	6.67%	$ -	$ -	Nashua	No	$ -	$ -

																						$ 7,705,866	$ (770,587)	$ 6,935,279	2.46%	$ 170,608	$ (85,304)	Merrimack	Yes	$ 27.50	$ 209,565
																						$ 101,506	$ (10,151)	$ 91,355	2.34%	$ 2,138	$ (1,069)	Nashua	Yes	$ 29.13	$ 2,926
																						$ 59,796	$ (5,980)	$ 53,816	2.24%	$ 1,205	$ (603)	Nashua	Yes	$ 29.13	$ 1,724
																						$ 20,628	$ (2,063)	$ 18,565	1.50%	$ 278	$ (139)	Nashua	Yes	$ 29.13	$ 597
																						$ 402,761	$ (40,276)	$ 362,485	4.78%	$ 17,327	$ (8,663)	Nashua	Yes	$ 29.13	$ 11,480
																						$ 25,377	$ (2,538)	$ 22,840	4.78%	$ 1,092	$ (546)	Nashua	Yes	$ 29.13	$ 723
																						$ 5,775	$ (578)	$ 5,198	6.67%	$ 347	$ (173)	Nashua	No	$ -	$ -
																						$ 9,525	$ (953)	$ 8,573	6.67%	$ 572	$ (286)	Nashua	No	$ -	$ -
																						$ 123,600	$ (12,360)	$ 111,240	6.00%	$ 6,674	$ (3,337)	Nashua	No	$ -	$ -
																						$ -	$ -	$ -	6.00%	$ -	$ -	Nashua	No	$ -	$ -
																						$ -	$ -	$ -	9.44%	$ -	$ -	Nashua	No	$ -	$ -
																						$ 25,842	$ (2,584)	$ 23,258	9.44%	$ 2,196	$ (1,098)	Nashua	No	$ -	$ -
																						$ 26,225	$ (2,622)	$ 23,602	9.44%	$ 2,228	$ (1,114)	Nashua	No	$ -	$ -
																						$ 28,582	$ (2,858)	$ 25,724	6.67%	$ 1,716	$ (858)	Nashua	No	$ -	$ -
																						$ -	$ -	$ -	14.29%	$ -	$ -	Nashua	No	$ -	$ -
																						$ -	$ -	$ -	6.67%	$ -	$ -	Nashua	No	$ -	$ -
																						$ 4,135	$ (414)	$ 3,722	6.67%	$ 248	$ (124)	Nashua	No	$ -	$ -
																						$ 22,660	$ 22,660	$ (2,266)	$ 20,394	14.29%	$ 2,914	$ (1,457)	Nashua	No	$ -	$ -
																					$ 36,849		$ 36,849	$ (3,685)	$ 33,164	4.73%	$ 1,569	$ (784)	Amherst	Yes	$ 29.47	$ 1,063
																					$ 1,400		$ 1,400	$ (140)	$ 1,260	4.73%	$ 60	$ (30)	Nashua	Yes	$ 29.13	$ 40
																							$ 1,922,032	$ (192,203)	$ 1,729,829	1.79%	$ 30,964	$ (15,482)	Nashua/Merrimack	Yes	$ 28.32	$ 53,984
																							$ 480,321	$ (48,032)	$ 432,289	2.46%	$ 10,634	$ (5,317)	Merrimack	Yes	$ 27.50	$ 13,063
																				$ 13,067			$ 13,067	$ (1,307)	$ 11,760	4.73%	$ 556	$ (278)	Merrimack	No	$ -	$ -
																				$ 21,867			$ 21,867	$ (2,187)	$ 19,680	4.73%	$ 931	$ (465)	Derry	Yes	$ 31.43	$ 673
																				$ 13,894			$ 13,894	$ (1,389)	$ 12,505	4.73%	$ 591	$ (296)	Derry	Yes	$ 31.43	$ 427
																				$ 2,900			$ 2,900	$ (290)	$ 2,610	4.73%	$ 123	$ (62)	Nashua	Yes	$ 29.13	$ 83
																		$ 3,632					$ 3,632	$ (363)	$ 3,269	5.00%	$ 163	$ (82)	Nashua	No	$ -	$ -
																		$ 1,683					$ 1,683	$ (168)	$ 1,515	5.00%	$ 76	$ (38)	Nashua	No	$ -	$ -
																		$ 2,900					$ 2,900	$ (290)	$ 2,610	5.00%	$ 131	$ (65)	Nashua	No		$ -
																				$ -			$ -	$ -	$ -	4.73%	$ -	$ -	Nashua	Yes	$ 29.13	$ -
																	$ -						$ -	$ -	$ -	9.44%	$ -	$ -	Nashua	No	$ -	$ -
																	$ 22,326						$ 22,326	$ (2,233)	$ 20,093	9.44%	$ 1,897	$ (948)	Nashua	No	$ -	$ -
																	$ 33,340						$ 33,340	$ (3,334)	$ 30,006	9.44%	$ 2,833	$ (1,416)	Nashua	No	$ -	$ -
																	$ 21,149						$ 21,149	$ (2,115)	$ 19,034	9.44%	$ 1,797	$ (898)	Nashua	No	$ -	$ -
																	$ 27,109						$ 27,109	$ (2,711)	$ 24,398	9.44%	$ 2,303	$ (1,152)	Nashua	No	$ -	$ -
																			$ -				$ -	$ -	$ -	5.00%	$ -	$ -	Nashua	Yes	$ 29.13	$ -
																							$ -	$ -	$ -	0.00%	$ -	$ -	Nashua	Yes	$ 29.13	$ -
																						$ -	$ -	$ -	$ -	14.29%	$ -	$ -	Nashua	Yes	$ 29.13	$ -
$ 20,731																							$ 20,731	$ (2,073)	$ 18,658	4.18%	$ 780	$ (390)	Nashua	Yes	$ 29.13	$ 593
$ 3,300																							$ 3,300	$ (330)	$ 2,970	4.18%	$ 124	$ (62)	Nashua	Yes	$ 29.13	$ 94
																$ 10,322							$ 10,322	$ (1,032)	$ 9,290	6.67%	$ 620	$ (310)	Derry	No	$ -	$ -
																$ 10,440							$ 10,440	$ (1,044)	$ 9,396	6.67%	$ 627	$ (313)	Merrimack	No	$ -	$ -
															$ 65,683								$ 65,683	$ (6,568)	$ 59,115	9.44%	$ 5,580	$ (2,790)	Merrimack	No	$ -	$ -
															$ 38,106								$ 38,106	$ (3,811)	$ 34,295	9.44%	$ 3,237	$ (1,619)	Merrimack	No	$ -	$ -
															$ 25,431								$ 25,431	$ (2,543)	$ 22,888	9.44%	$ 2,161	$ (1,080)	Merrimack	No	$ -	$ -
															$ 55,965								$ 55,965	$ (5,597)	$ 50,369	9.44%	$ 4,755	$ (2,377)	Merrimack	No	$ -	$ -
															$ 23,237								$ 23,237	$ (2,324)	$ 20,913	9.44%	$ 1,974	$ (987)	Merrimack	No	$ -	$ -
																						$ 11,394	$ 11,394	$ (1,139)	$ 10,255	14.29%	$ 1,465	$ (733)	Merrimack	No	$ -	$ -
																							$ -	$ -	$ -	4.55%	$ -	$ -	Merrimack	No	$ -	$ -
$ 149,838	$ 89,977	$ 125,806	$ 3,769,377	$ 101,506	$ 428,138	$ 59,796	$ 22,935	$ 477,525	$ 68,780	$ 8,215	$ 123,600	$ 1,101,365	$ 20,124,921	$ (2,012,492)	$ 18,112,429	N/A	$ 540,048	$ (270,024)	N/A	N/A	N/A	$ 530,102									
$ (14,984)	$ (8,998)	$ (12,581)	$ (376,938)	$ (10,151)	$ (42,814)	$ (5,980)	$ (2,293)	$ (47,752)	$ (6,878)	$ (821)	$ (12,360)	$ (110,136)	$ (2,012,492)																		
$ 134,854	$ 80,980	$ 113,226	$ 3,392,439	$ 91,355	$ 385,324	$ 53,816	$ 20,641	$ 429,772	$ 61,902	$ 7,393	$ 111,240	$ 991,228	$ 18,112,429																		
4.18%	4.73%	2.18%	1.50%	2.34%	4.78%	2.24%	8.08%	9.44%	6.67%	5.00%	6.00%	14.29%	2.98%																		
$ 5,637	$ 3,830	$ 2,468	$ 50,887	$ 2,138	$ 18,419	$ 1,205	$ 1,668	$ 40,571	$ 4,129	$ 370	$ 6,674	$ 141,647	$ 540,048																		

$ 125,806	$ -	$ 125,806	$ 3,769,377	$ 101,506	$ 428,138	$ 59,796	$ -	$ -	$ -	$ -	$ -	$ 809,517	$ 19,018,011	$ (1,901,801)	$ 17,116,210	N/A	$ 444,367	$ (222,184)	N/A	N/A	N/A	$ 527,130								
$ (12,581)	$ -	$ (12,581)	$ (376,938)	$ (10,151)	$ (42,814)	$ (5,980)	$ -	$ -	$ -	$ -	$ -	$ (80,952)	$ (1,901,801)																	
$ 113,226	$ -	$ 113,226	$ 3,392,439	$ 91,355	$ 385,324	$ 53,816	$ -	$ -	$ -	$ -	$ -	$ 728,565	$ 17,116,210																	
4.18%	4.73%	2.18%	1.50%	2.34%	4.78%	2.24%	8.08%	9.44%	6.67%	5.00%	6.00%	14.29%	2.60%																	
$ 4,733	$ -	$ 2,468	$ 50,887	$ 2,138	$ 18,419	$ 1,205	$ -	$ -	$ -	$ -	$ -	$ 104,112	$ 444,367																	

Pennichuck Water Works Inc
2016 Asset Dispositions

Asset ID	Description	WICA Eligible	Placed In Service	Disposal Date	Cost	Accumulated Depreciation	Net Proceeds	Net Book Value	Taxable	Tax Rate (Local + State)	Taxes	Depreciation Life: Years	Depreciation Life: Months	Annual Depreciation Expense
Town or Department: Amherst														
Asset Type: Meters														
Asset GL Acct #: 334000-2000-001														
2000-5223 1 21	5/8" Meters AVD Amherst - (1) Renewed	No	02/01/2003	06/01/2016	113.42	71.28	0.00	42.14				20	11	5.42
2000-5223 1 31	5/8" Meters AVD Amherst - (1) Renewed	No	02/01/2003	06/01/2016	113.42	71.28	0.00	42.14				20	11	5.42
2000-5223 1 41	5/8" Meters AVD Amherst - (1) Renewed	No	02/01/2003	06/01/2016	113.42	71.28	0.00	42.14				20	11	5.42
2000-5223 1 61	5/8" Meters AVD Amherst - (1) Renewed	No	02/01/2003	06/01/2016	113.42	71.28	0.00	42.14				20	11	5.42
2000-5223 1 71	5/8" Meters AVD Amherst - (1) Renewed	No	02/01/2003	06/01/2016	113.42	71.28	0.00	42.14				20	11	5.42
2000-5223 1 81	5/8" Meters AVD Amherst - (1) Renewed	No	02/01/2003	06/01/2016	113.42	71.28	0.00	42.14				20	11	5.42
2000-5223 1 91	5/8" Meters AVD Amherst - (1) Renewed	No	02/01/2003	06/01/2016	113.42	68.52	0.00	44.90				20	11	5.42
20000-002435 4	5/8" Meters Bon Terrain Amherst - (15) no Chambers	No	01/01/1993	03/01/2016	1,437.00	1,429.67	0.00	7.33				20	11	0.00
20000-005159	3/4" Meters AVD Amherst - (1) Renewed	No	11/01/2002	03/01/2016	140.87	94.73	0.00	46.14				20	11	6.73
20000-005160	3/4" Meters Bon Terrain Amherst - (1) New	No	11/01/2002	03/01/2016	205.81	138.47	0.00	67.34				20	11	9.84
20000-005336	5/8" METERS BARTLETT COMMONS 1 - NEW	No	02/01/2003	06/01/2016	126.05	78.21	0.00	47.84				20	11	6.03
20000-005336 8	5/8" METERS BARTLETT COMMONS 4 - NEW	No	10/01/2003	03/01/2016	523.92	324.94	0.00	198.98				20	11	25.05
20000-005767 1	5/8" Meters Bon Terrain Amherst - (1) New & (2) Renewed	No	03/01/2005	03/01/2016	361.48	182.02	0.00	179.46				20	11	17.28
20000-005767 3	5/8" Meters Bon Terrain Amherst - (2) New & (2) Renewed	No	06/01/2005	06/01/2016	558.92	293.61	0.00	265.31				20	11	26.72
20000-006192	5/8" METERS BON TERRAIN, 1 RENEWED	No	01/01/2006	06/01/2016	108.13	51.67	0.00	56.46				20	11	5.17
20000-006219 2	5/8" Meters Amherst - (1) New no Chamber	No	02/01/2006	06/01/2016	131.42	62.38	0.00	69.04				20	11	6.28
20000-006219 3	5/8" Meters Amherst - (1) New no Chamber	No	02/01/2006	06/01/2016	131.42	62.38	0.00	69.04				20	11	6.28
20000-006249	5/8" Meters Amherst - (12) New	No	03/01/2006	03/01/2016	1,571.80	751.20	0.00	820.60				20	11	75.15
20000-05339 31	5/8" METERS SOUHEGAN WOODS 1 - RENEWED	No	02/01/2003	06/01/2016	94.69	59.29	0.00	35.40				20	11	4.53
20000-05339 41	5/8" METERS SOUHEGAN WOODS 1 - RENEWED	No	02/01/2003	06/01/2016	94.69	59.29	0.00	35.40				20	11	4.53
20000-05339 51	5/8" METERS SOUHEGAN WOODS 1 - RENEWED	No	02/01/2003	06/01/2016	94.69	59.29	0.00	35.40				20	11	4.53
20000-05339 81	5/8" METERS SOUHEGAN WOODS 1- RENEWED	No	02/01/2003	06/01/2016	94.69	58.82	0.00	35.87				20	11	4.53
20000-5553 2	5/8" MetersL AVD Amherst - (1) Renewed	No	01/01/2004	06/01/2016	104.62	59.92	0.00	44.70				20	11	5.00
50000-012106	3/4" Meters Amherst - (1) New	No	12/01/1999	03/01/2016	165.72	134.19	0.00	31.53				20	11	7.92
PWW003155	5/8" Meters Amherst (2) Renewed	No	09/01/2006	03/01/2016	297.54	142.24	0.00	155.30				20	11	14.23
		Subtotal: 334000-2000-001 (25)			**7,037.40**	**4,538.52**	**0.00**	**2,498.88**	**Yes**	**29.47**	**73.64**			**267.75**
Asset Type: Source of Supply Structures - Dev Installed														
Asset GL Acct #: 304102-2000-001														
20000-02429 1	Bon Terrain Acquisition Amherst - Source of Supply Structures	No	01/01/1993	06/01/2016	40,000.00	23,172.70	0.00	16,827.30				10	7	3,779.53
Subtotal: 304102-2000-001 (1)					**40,000.00**	**23,172.70**	**0.00**	**16,827.30**	**Yes**	**29.47**	**495.90**			**3,779.53**
Subtotal: Amherst (26)					**47,037.40**	**27,711.22**	**0.00**	**19,326.18**						**4,047.28**
Town or Department: Bedford														
Asset Type: Meters														
Asset GL Acct #: 334000-2000-001														
2000-5219 1 22	5/8" Meters Cabot Preserve Bedford - (1) New	No	02/01/2003	06/01/2016	191.32	118.50	0.00	72.82				20	11	9.15
20000-003367 1	5/8" Meters English Woods Bedford - (1)	No	12/01/1998	03/01/2016	193.44	165.33	0.00	28.11				20	11	9.25
20000-003367 2	5/8" Meters English Woods Bedford - (1)	No	12/01/1998	03/01/2016	193.44	165.33	0.00	28.11				20	11	9.25
20000-003367 5	5/8" Meters English Woods Bedford - (1)	No	12/01/1998	06/01/2016	193.44	165.33	0.00	28.11				20	11	9.25
20000-003367 8	5/8" Meters English Woods Bedford - (1)	No	12/01/1998	06/01/2016	193.44	165.33	0.00	28.11				20	11	9.25
20000-003373	5/8" METERS-POWDER HILL, BED-(18)	No	12/01/1998	06/01/2016	2,802.35	2,402.63	0.00	399.72				20	11	133.98
20000-005021 5	5/8" Meters Cabot Preserve Bedford - (6) New	No	07/01/2002	06/01/2016	667.63	445.69	0.00	221.94				20	11	31.93
20000-005024 2	5/8" METERS POWDER HILL 4 - NEW	No	05/01/2002	03/01/2016	760.70	507.87	0.00	252.83				20	11	36.37
20000-005219 0	5/8" METERS CABOT PRESERVE 5 - NEW	No	11/01/2003	03/01/2016	697.60	432.64	0.00	264.96				20	11	33.35
20000-005600	3/4" METERS POWDER HILL 1-NEW	No	04/01/2004	03/01/2016	196.61	112.62	0.00	83.99				20	11	9.40
20000-006218	5/8" Meters Powder Hill Bedford - (1) New & (3) Renewed	No	02/01/2006	06/01/2016	595.62	284.69	0.00	310.93				20	11	28.48
20000-007175	5/8" Meters Bedford Water Company Bedford - (3) Renewed	No	11/01/2006	03/01/2016	379.04	181.13	0.00	197.91				20	11	18.12
20000-05219 7	5/8" Meters Cabot Preserve Bedford - (1) New	No	01/01/2003	06/01/2016	140.00	86.99	0.00	53.01				20	11	6.69
20000-05219 8	5/8" Meters Cabot Preserve Bedford - (1) New	No	01/01/2003	06/01/2016	140.00	86.99	0.00	53.01				20	11	6.69
20000-05219 9	5/8" Meters Cabot Preserve Bedford - (1) New	No	01/01/2003	06/01/2016	140.69	85.68	0.00	55.01				20	11	6.73
20300-000100 2	5/8" Meters Bedford Water Company Bedford - (23) no Chambers	No	12/31/1991	06/01/2016	2,494.12	2,479.47	0.00	14.65				20	11	0.00
Subtotal: 334000-2000-001 (16)					**9,979.64**	**7,886.42**	**0.00**	**2,093.22**	**Yes**	**26.40**	**55.26**			**357.87**
Subtotal: Bedford (16)					**9,979.64**	**7,886.42**	**0.00**	**2,093.22**						**357.87**
Town or Department: Community Systems														
Asset Type: Meters														
Asset GL Acct #: 334000-2000-001														
20000-012807	5/8" Meters Comm Sys, 1 renewed	No	01/01/2012	06/01/2016	141.56	27.07	0.00	114.49				20	11	6.77
20000-014275	2" New Meter Exchanges Community Systems	No	04/01/2013	03/01/2016	602.07	86.34	0.00	515.73				20	11	28.78
Subtotal: 334000-2000-001 (2)					**743.63**	**113.41**	**0.00**	**630.22**	**Yes**	**26.40**	**16.64**			**35.55**
Asset Type: Radios for Metering Equipment														
Asset GL Acct #: 334100-2000-001														
20000-012281	Neptune Radio Replacements Comm Sys, 1	No	10/01/2011	03/01/2016	159.24	38.06	0.00	121.18				20	11	7.61
20000-014940 1	Neptune Radio Replacements Community Systems	No	10/01/2013	06/01/2016	101.70	14.58	0.00	87.12				20	11	4.86
20000-014940 2	Neptune Radio Replacements Community Systems	No	10/01/2013	03/01/2016	101.70	14.58	0.00	87.12				20	11	4.86
20000-017312	Neptune Radio Replacements Community Systems	No	11/01/2014	06/01/2016	109.53	10.48	0.00	99.05				20	11	5.24
20000-018018 1	Neptune Radio Replacements Community Systems	No	07/01/2015	03/01/2016	121.08	5.78	0.00	115.30				20	11	5.79
Subtotal: 334100-2000-001 (5)					**593.25**	**83.48**	**0.00**	**509.77**	**Yes**	**26.40**	**13.46**			**28.36**
Subtotal: Community Systems (7)					**1,336.88**	**196.89**	**0.00**	**1,139.99**						**63.91**
Town or Department: Core														
Asset Type: Meters														
Asset GL Acct #: 334000-2000-001														
20000-014260	5/8" New Meter Core	No	04/01/2013	03/01/2016	184.33	26.44	0.00	157.89				20	11	8.81
20000-014523	1 1/2" New Meter Exchanges Core	No	06/01/2013	06/01/2016	538.16	77.18	0.00	460.98				20	11	25.73
Subtotal: 334000-2000-001 (2)					**722.49**	**103.62**	**0.00**	**618.87**	**Yes**	**29.13**	**18.03**			**34.54**
Asset Type: Miscellaneous Equipment														
Asset GL Acct #: 348000-2000-001														
20000-015253	Metal Detectors	No	11/02/2013	06/01/2016	860.00	103.20	0.00	756.80				25	0	34.40
Subtotal: 348000-2000-001 (1)					**860.00**	**103.20**	**0.00**	**756.80**						**34.40**
Subtotal: Core (3)					**1,582.49**	**206.82**	**0.00**	**1,375.67**	**No**					**68.94**
Town or Department: Derry														
Asset Type: Electric Pumping Equip: Pumps														
Asset GL Acct #: 311200-2000-001														
20000-017095	Richardson Estates, Derry - Replace Chlorine Pump	No	08/01/2014	06/01/2016	1,130.59	99.40	0.00	1,031.19				22	9	49.70
Subtotal: 311200-2000-001 (1)					**1,130.59**	**99.40**	**0.00**	**1,031.19**	**Yes**	**31.43**	**32.41**			**49.70**
Asset Type: Electric Pumping Equipment														
Asset GL Acct #: 311200-2000-001														
20200-000003	2 PUMPS 5 HP/RICHRDSON ESTATE-DERRY, N H	No	01/01/1991	06/01/2016	1,770.00	1,770.00	0.00	0.00				22	9	0.00
20200-000602	PUMP INSTALLED-RICHARDSON ESTATES	No	03/01/1994	06/01/2016	1,071.36	1,071.36	0.00	0.00				22	9	0.00
20200-000605	AIR COMPRESSOR 3/4 HP-RICHARDSON	No	03/15/1995	06/01/2016	471.74	471.74	0.00	0.00				22	9	0.00
20200-000651	SCADA PHASE III-	No	12/31/1996	06/01/2016	5,707.37	5,707.37	0.00	0.00				22	9	0.00
20200-000700	SCADA PHASE III-	No	12/31/1997	06/01/2016	456.62	456.29	0.00	0.33				22	9	0.00
20200-000703	REPLACED LEVEL TRANSDUCER-RICHARDSON STATION	No	05/31/1997	06/01/2016	362.61	362.33	0.00	0.28				22	9	0.00
20200-000752	Wire Generator Panel for 105 kW Portable Generators - Richardson	No	12/01/2001	06/01/2016	2,145.31	1,618.27	0.00	527.04				22	9	94.30
Subtotal: 311200-2000-001 (7)					**11,985.01**	**11,457.36**	**0.00**	**527.65**	**No**					**94.30**
Asset Type: Meters														
Asset GL Acct #: 334000-2000-001														
20500-001020	5/8" Meters Drew Woods Derry - (1) Renewed	No	01/01/2003	06/01/2016	126.49	78.47	0.00	48.02				20	11	6.05
20500-001021	5/8" Meters Hubbard Hill Derry - (1) Renewed	No	01/01/2003	06/01/2016	126.05	78.21	0.00	47.84				20	11	6.03
20500-001022	5/8" Meters Redfield Estates Derry - (2) Renewed	No	01/01/2003	06/01/2016	271.39	168.27	0.00	103.12				20	11	12.97
20300-000854	5/8" Meters Glenn Ridge Derry - (2) Renewed	No	01/01/2003	06/01/2016	321.78	199.52	0.00	122.26				20	11	15.38
20300-00801 22	5/8" Meters Glenn Ridge Derry (1)	No	11/01/2000	03/01/2016	167.86	128.18	0.00	39.68				20	11	8.03
20300-00801 23	5/8" Meters Glenn Ridge Derry (1)	No	11/01/2000	03/01/2016	167.86	127.62	0.00	40.24				20	11	8.03
20300-00851 3	5/8" Meters Glenn Ridge Derry - (10)	No	02/01/2002	03/01/2016	1,333.70	889.94	0.00	443.76				20	11	63.76
20300-0854 1 2	5/8" Meters Glenn Ridge Derry - (1) Renewed	No	02/01/2003	06/01/2016	138.05	85.77	0.00	52.28				20	11	6.60
21000-000452	5/8" Meters Maple Haven Derry - (2) Renewed	No	01/01/2003	06/01/2016	333.59	206.89	0.00	126.70				20	11	15.95
Subtotal: 334000-2000-001 (9)					**2,986.77**	**1,962.87**	**0.00**	**1,023.90**	**Yes**	**31.43**	**32.18**			**142.79**
Asset Type: Other Power Pumping Equipment														
Asset GL Acct #: 311600-2000-001														
20200-000800	PLC UPS PROTECTION--RICHARDSON		04/01/2002	06/01/2016	287.71	128.10	0.00	159.61				30	0	9.59
Subtotal: 311600-2000-001 (1)					**287.71**	**128.10**	**0.00**	**159.61**	**Yes**	**31.43**	**5.02**			**9.59**
Asset Type: Other Production Equipment														
Asset GL Acct #: 320100-2000-001														
20200-000004	1 PRESSURE TANK-2,000 GAL-1 ATMOSPHERICK TANK-8,000 GAL	No	01/01/1987	06/01/2016	2,402.00	2,402.00	0.00	0.00				22	0	0.00
20200-000650	Richardson Estates Derry - SCADA Phase III	No	10/31/1996	06/01/2016	7,800.00	7,800.00	0.00	0.00				22	0	0.00
20200-000702	SCADA-PHASE III-	No	12/31/1997	06/01/2016	424.00	424.00	0.00	0.00				22	0	0.00
Subtotal: 320100-2000-001 (3)					**10,626.00**	**10,626.00**	**0.00**	**0.00**						**0.00**
Asset Type: Power & Pumping Structures														
Asset GL Acct #: 304200-2000-001														
20000-008386	RICHARDSON PUMP HOUSE SECURITY FENCE	No	04/01/2009	06/01/2016	4,550.00	776.86	0.00	3,773.14				41	0	110.98
20200-000002	SINGLE CONCRETE CONSTRUCTION-& PUMP/RICHARDSONB ESTATES	No	01/01/1987	06/01/2016	7,558.32	5,696.56	0.00	1,861.76				41	0	184.35
Subtotal: 304200-2000-001 (2)					**12,108.32**	**6,473.42**	**0.00**	**5,634.90**	**Yes**	**31.43**	**177.10**			**295.32**
Asset Type: Purification System Equipment														
Asset GL Acct #: 320000-2000-001														
20000-006276	GLENRIDGE URANIUM TREATMENT	No	03/01/2006	06/01/2016	21,301.84	14,201.20	0.00	7,100.64				15	0	1,420.12
20200-000705	CHEMICAL PUMP PACING-RICHARDSON ESTATES	No	12/01/1998	06/01/2016	224.70	224.70	0.00	0.00				15	0	0.00
Subtotal: 320000-2000-001 (2)					**21,526.54**	**14,425.90**	**0.00**	**7,100.64**	**Yes**	**31.43**	**223.17**			**1,420.12**
Asset Type: Water Treatment Plant Structures														
Asset GL Acct #: 304800-2000-001														
20200-000606	INTERNAL LEVEL PROBES INSIDE-PRESSURE STORAGE TANK	No	05/01/1995	06/01/2016	335.09	178.10	0.00	156.99				40	8	8.24
Subtotal: 304800-2000-001 (1)					**335.09**	**178.10**	**0.00**	**156.99**	**Yes**	**31.43**	**4.93**			**8.24**
Asset Type: Well Pumps & Piping														

Asset ID	Description	WICA Eligible	Placed In Service	Disposal Date	Cost	Accumulated Depreciation	Net Proceeds	Net Book Value	Taxable	Tax Rate (Local + State)	Taxes	Years	Months	Annual Depreciation Expense
Asset GL Acct #: 307210-2000-001														
2000C-CC9242	Richardson Estates, replace well pump and add sand separator - 2Hp 3/5GPM 10 Stage pump end	No	05/01/2010	06/01/2016	942.00	188.40	0.00	753.60				30	0	31.40
2000C-CC9243	Richardson Estates, replace well pump and add sand separator - 2HP 1PH motor	No	05/01/2010	06/01/2016	632.00	126.41	0.00	505.59				30	0	21.07
2000C-CC9244	Richardson Estates, replace well pump and add sand separator - 200, 1 1/2" sch 80 pvc pipe	No	05/01/2010	06/01/2016	500.00	100.01	0.00	399.99				30	0	16.67
2000C-CC9245	Richardson Estates, replace well pump and add sand separator - 205, 12/3/G double jackeled wire	No	05/01/2010	06/01/2016	287.00	57.41	0.00	229.59				30	0	9.57
20000-009246	Richardson Estates, replace well pump and add sand separator - Lakos sub-52.5K sand filter	No	05/01/2010	06/01/2016	876.00	175.20	0.00	700.80				30	0	29.20
2000C-CC9247	Richardson Estates, replace well pump and add sand separator - misc fittings/hardware	No	05/01/2010	06/01/2016	290.00	58.01	0.00	231.99				30	0	9.67
2000C-CC9248	Richardson Estates, replace well pump and add sand separator - labor $980 less discount (753.40)	No	05/01/2010	06/01/2016	226.60	45.31	0.00	181.29				30	0	7.55
2000C-CC9249	Richardson Estates, replace well pump and add sand separator - 200, 1" sch 80 PVC pip	No	05/01/2010	06/01/2016	240.00	48.00	0.00	192.00				30	0	8.00
Subtotal: 307210-2000-001 (8)					**3,993.60**	**798.75**	**0.00**	**3,194.85**	**Yes**	**31.43**	**100.41**			**133.12**
Asset Type: Wells & Springs														
Asset GL Acct #: 307100-2000-001														
2020C-CCCCC1	DRILLED BEDROCK WELL - 468'-RICHARDSON ESTATES,DERRY,NH	No	01/01/1987	06/01/2016	885.00	631.79	0.00	253.21				30	0	29.50
Subtotal: 307100-2000-001 (1)					**885.00**	**631.79**	**0.00**	**253.21**	**Yes**	**31.43**	**7.96**			**29.50**
Subtotal: Derry (35)					**65,864.63**	**46,781.69**	**0.00**	**19,082.94**						**2,182.69**
Town or Department: Hollis														
Asset Type: Meters														
Asset GL Acct #: 334000-2000-001														
2000C-CC5060 2	5/8" METERS HOLLIS 2 - NEW	No	06/01/2002	06/01/2016	235.82	157.42	0.00	78.40				20	11	11.27
2000C-CC5222 9	5/8" Meters Hollis - (1) New	No	10/01/2003	03/01/2016	129.02	80.03	0.00	49.99				20	11	6.17
2000C-CC6254	5/8" METERS HOLLIS, 1 NEW	No	03/01/2006	03/01/2016	133.09	63.58	0.00	69.51				20	11	6.36
Subtotal: 334000-2000-001 (3)					**497.93**	**301.03**	**0.00**	**196.90**	**Yes**	**27.67**	**5.45**			**23.81**
Subtotal: Hollis (3)					**497.93**	**301.03**	**0.00**	**196.90**						**23.81**
Town or Department: Merrimack														
Asset Type: Communication Equipment														
Asset GL Acct #: 346000-2000-001														
2000C-C5614 11	IP TELEPHONE SYSTEM-	No	04/01/2004	06/01/2016	1,057.60	661.25	0.00	396.35				19	0	55.66
Subtotal: 346000-2000-001 (1)					**1,057.60**	**661.25**	**0.00**	**396.35**	**Yes**	**27.50**	**10.90**			**55.66**
Asset Type: Computer Equipment														
Asset GL Acct #: 347110-2000-001														
2000C-CC2931 1	Best UPS 5.3KVA S/N 02361	No	12/15/1995	06/01/2016	5,039.00	5,039.00	0.00	0.00				7	0	0.00
2000C-CC5691 1	BNA - Conversion from Macola - IS Overhead	No	12/01/2004	06/01/2016	179.76	179.76	0.00	0.00				7	0	0.00
2000C-CC5692 1	BNA - Conversion from Macola - IS Overhead	No	09/01/2004	06/01/2016	2,088.88	2,088.88	0.00	0.00				7	0	0.00
2000C-CC5692 2	BNA - Conversion from Macola - Dell	No	09/01/2004	06/01/2016	134.95	134.95	0.00	0.00				7	0	0.00
2000C-CC5830	BNA - Conversion from Macola - Dala Conversion	No	03/01/2005	06/01/2016	7,500.00	7,500.00	0.00	0.00				7	0	0.00
2000C-CC6326	SCANSOFT PDF CONVERTERS, 6	No	05/01/2006	06/01/2016	446.76	446.76	0.00	0.00				7	0	0.00
2000C-CC7460	CDW COMPUTER - COMPUTER ROOM UPS	No	05/01/2007	06/01/2016	5,498.64	5,498.64	0.00	0.00				7	0	0.00
2000C-C11958 1	Trimble 70800-15 Zephyr/Hurricane Antenna Cable (TNC to SMB) 1.5 Western Cable	No	06/02/2011	06/01/2016	63.00	45.00	0.00	18.00				7	0	9.00
2000C-C11958 2	Trimble 70800-15 Zephyr/Hurricane Antenna Cable (TNC to SMB) 1.5 Western Cable	No	06/02/2011	06/01/2016	63.00	45.00	0.00	18.00				7	0	9.00
2000C-C13795 1	iPads for Management (6)	No	11/01/2012	06/01/2016	526.16	300.67	0.00	225.49				7	0	75.17
2000C-C5891 1	BNA - Conversion from Macola - Dala Conversion	No	09/01/2004	06/01/2016	17,150.00	17,150.00	0.00	0.00				7	0	0.00
2000C-C5691 2	BNA - Conversion from Macola - IS Overhead	No	09/01/2004	06/01/2016	983.86	983.86	0.00	0.00				7	0	0.00
2000C-C5692 31	BNA Fixed Assets Server Base Product plus (2) Additional Licenses	No	09/01/2004	06/01/2016	9,835.00	9,835.00	0.00	0.00				7	0	0.00
2000C-C5692 32	BNA Fixed Assets Report Writer - (3) Licenses	No	09/01/2004	06/01/2016	1,325.00	1,325.00	0.00	0.00				7	0	0.00
Subtotal: 347110-2000-001 (14)					**50,834.01**	**50,572.52**	**0.00**	**261.49**	**No**					**93.17**
Asset Type: Computer Software														
Asset GL Acct #: 347110-2000-001														
2000C-CC4778	TRACK-IT! SOFTWARE-	No	06/01/2001	06/01/2016	505.00	505.00	0.00	0.00				7	0	0.00
Subtotal: 347110-2000-001 (1)					**505.00**	**505.00**	**0.00**	**0.00**						**0.00**
Asset Type: Hydrants														
Asset GL Acct #: 335000-2000-001														
2000C-C761 272	Hydrants	Yes	01/01/1969	03/01/2016	278.00	210.25	0.00	67.75				44	8	6.22
2000C-C761 292	Hydrants	Yes	01/01/1969	03/01/2016	549.27	415.42	0.00	133.85				44	8	12.30
Subtotal: 335000-2000-001 (2)					**827.27**	**625.67**	**0.00**	**201.60**	**Yes**	**27.50**	**5.54**			**18.52**
Asset Type: Meters														
Asset GL Acct #: 334000-2000-001														
2000C-CC5224 1	5/8" Meters Merrimack - (2) Renewed	No	02/01/2003	06/01/2016	214.34	132.96	0.00	81.38				20	11	10.25
5000C-C121C9 2	1.5" Meters Merrimack - (1) New	No	12/01/1999	03/01/2016	31.38	25.42	0.00	5.96				20	11	1.50
5000C-C121C7	5/8" Meters Merrimack - (37) New	No	12/01/1999	03/01/2016	5,175.67	4,191.85	0.00	983.82				20	11	247.44
Subtotal: 334000-2000-001 (3)					**5,421.39**	**4,350.23**	**0.00**	**1,071.16**	**Yes**	**27.50**	**29.46**			**259.19**
Asset Type: Non-Union Vehicles														
Asset GL Acct #: 341000-2000-001														
2000C-CC79C4	2009 Ford Escape - Vehicle #35 (Don Ware)	No	05/01/2009	06/01/2016	24,775.50	18,727.93	0.00	6,047.57				10	7	2,340.99
2000C-CC8313 1	2009 Chevy Colorado - Vehicle #32	No	02/01/2009	06/01/2016	1,120.87	741.36	0.00	379.51				10	7	105.91
2000C-CC8313 2	2009 Chevy Colorado - Vehicle #32	No	02/01/2009	06/01/2016	21,030.13	13,909.70	0.00	7,120.43				10	7	1,987.10
Subtotal: 341000-2000-001 (3)					**46,926.50**	**33,378.99**	**0.00**	**13,547.51**	**No**					**4,434.00**
Subtotal: Merrimack (24)					**105,571.77**	**90,093.66**	**0.00**	**15,478.11**						**4,860.54**
Town or Department: Milford														
Asset Type: Meters														
Asset GL Acct #: 334000-2000-001														
2000C-CC5395 1	5/8" Meters Badger Hill Milford - (1) New	No	02/01/2003	06/01/2016	100.88	62.43	0.00	38.45				20	11	4.82
2000C-CC5395 2	5/8" METERS BADGER HILL 1 - New	No	02/01/2003	06/01/2016	100.88	62.43	0.00	38.45				20	11	4.82
2000C-CC5395 3	5/8" METERS BADGER HILL 1 - New	No	02/01/2003	06/01/2016	100.88	62.43	0.00	38.45				20	11	4.82
2000C-CC5559 1	5/8" Meters Badger Hill Milford - (4) New & (1) Renewed	No	02/01/2004	06/01/2016	725.91	415.73	0.00	310.18				20	11	34.70
2000C-CC6186	5/8" Meters Federal Hill Milford - (4) New	No	01/01/2006	06/01/2016	535.48	255.90	0.00	279.58				20	11	25.60
2000C-CC6217	5/8" Meters Federal Hill Milford - (2) New	No	02/01/2006	06/01/2016	266.18	127.24	0.00	138.94				20	11	12.73
2000C-CC7071	5/8" METERS BADGER HILL, 1 NEW	No	10/01/2006	03/01/2016	184.08	87.97	0.00	96.11				20	11	8.80
Subtotal: 334000-2000-001 (7)					**2,014.29**	**1,074.13**	**0.00**	**940.16**	**Yes**	**33.25**	**31.26**			**96.30**
Subtotal: Milford (7)					**2,014.29**	**1,074.13**	**0.00**	**940.16**						**96.30**
Town or Department: Nashua														
Asset Type: Backhoe														
Asset GL Acct #: 345000-2000-001														
2000C-CC5139	436 CAT BACKHOE- #15	No	10/01/2002	06/01/2016	86,119.90	86,119.90	0.00	0.00				16	8	0.00
2000C-CC6300	TAKEUCHI TB135 EXCAVATOR (Project Purchase Small Excavator) #87	No	04/01/2006	06/01/2016	53,717.33	33,471.13	0.00	20,246.20				16	8	3,223.04
Subtotal: 345000-2000-001 (2)					**139,837.23**	**119,591.03**	**0.00**	**20,246.20**	**No**					**3,223.04**
Asset Type: Boom Truck														
Asset GL Acct #: 341000-2000-001														
2000C-CC2002	1988 International 1954 Boom Truck - Vehicle #6	No	03/01/1989	06/01/2016	53,725.10	53,725.10	0.00	0.00				10	7	0.00
2000C-CC2880	1988 International 1954 Boom Truck - Vehicle #6 - Hydraulic Lift on Vehicle	No	07/25/1994	06/01/2016	1,011.95	1,011.95	0.00	0.00				10	7	0.00
2000C-CC3347	1988 International 1954 Boom Truck - Vehicle #6 - Repaint Truck	No	12/31/1997	06/01/2016	3,170.00	3,170.00	0.00	0.00				10	7	0.00
2000C-C5751 15	1988 International 1954 Boom Truck - Clean & Lettered - Vehicle #6	No	12/01/2004	06/01/2016	160.00	160.00	0.00	0.00				10	7	0.00
Subtotal: 341000-2000-001 (4)					**58,067.05**	**58,067.05**	**0.00**	**0.00**						**0.00**
Asset Type: Computer Equipment														
Asset GL Acct #: 347110-2000-001														
2000C-C12930	Will Street Security Upgrades - security camera installation (6)	No	04/01/2012	06/01/2016	4,915.00	2,808.56	0.00	2,106.44				7	7	648.13
2000C-C12931	Will Street Security Upgrades - alarm system	No	04/01/2012	06/01/2016	1,800.00	1,028.56	0.00	771.44				7	7	237.36
2000C-C12932	Will Street Security Upgrades - air phone	No	04/01/2012	06/01/2016	5,749.00	3,285.15	0.00	2,463.85				7	7	758.11
2000C-C12933	Will Street Security Upgrades - 20" monitor and dvr	No	04/01/2012	06/01/2016	2,257.00	1,289.71	0.00	967.29				7	7	297.63
2000C-C13096	Will Street Security Upgrades - Awid Long Tag Windshield	No	06/01/2012	06/01/2016	769.25	439.57	0.00	329.68				7	7	101.44
20000-013098	Will Street Security Upgrades - OSSI 2 door controller (3) & AWID LR2000 Reader for vehicles	No	06/01/2012	06/01/2016	16,772.00	9,584.00	0.00	7,188.00				7	7	2,211.69
Subtotal: 347110-2000-001 (6)					**32,262.25**	**18,435.55**	**0.00**	**13,826.70**	**Yes**	**29.13**	**402.77**			**4,254.36**
Asset Type: Distribution Mains														
Asset GL Acct #: 331200-2000-001														
2000-7233 172	Gilman Street Nashua - Riller St Westerly - 209' Of 6" CI	Yes	01/01/1971	06/01/2016	265.22	265.22	0.00	0.00				25	0	0.00
2000-7233 243	Gilman Street Nashua - Sawyer St To Russell - 229' Of 6" CI	Yes	01/01/1971	06/01/2016	290.60	290.60	0.00	0.00				25	0	0.00
2000-7233 472	Gilman Street Nashua - Russell St Westerly 614' To Near Woodward - 614' Of 6" CI	Yes	01/01/1971	06/01/2016	779.17	779.17	0.00	0.00				25	0	0.00
2000C-7C4 22	8"&6" CI PIPE	Yes	01/01/1979	06/01/2016	22,340.82	22,340.82	0.00	0.00				62	6	0.00
Subtotal: 331200-2000-001 (4)					**23,675.81**	**23,675.81**	**0.00**	**0.00**						**0.00**
Asset Type: Dump Truck														
Asset GL Acct #: 341000-2000-001														
20000-004811	2002 Peterbilt 330 Dump Truck - Vehicle #12	No	10/01/2001	06/01/2016	64,644.30	64,644.30	0.00	0.00				10	7	0.00
20000-5751 21	2002 Peterbilt 330 Dump Truck - Clean & Lettered - Vehicle #12	No	12/01/2004	06/01/2016	160.00	160.00	0.00	0.00				10	7	0.00
Subtotal: 341000-2000-001 (2)					**64,804.30**	**64,804.30**	**0.00**	**0.00**						**0.00**
Asset Type: Electric Pumping Equipment														
Asset GL Acct #: 311200-2000-001														
20000-007928 2	Headworks - Install Jet Pumps - Contract #4	No	05/01/2008	06/01/2016	2,000.00	703.29	0.00	1,296.71				22	9	87.91
Subtotal: 311200-2000-001 (1)					**2,000.00**	**703.29**	**0.00**	**1,296.71**	**Yes**	**29.13**	**37.77**			**87.91**
Asset Type: General & Miscellaneous Structures														
Asset GL Acct #: 304700-2000-001														
2000C-CCC523	PIPE YARD WILL STREET-	No	07/01/1966	06/01/2016	4,756.69	4,756.69		0.00				40	8	0.00
2000C-CCC531	ROOF OVER STOCK ROOM-GARAGE - WILL STREET	No	07/01/1974	06/01/2016	314.48	314.48		0.00				40	8	0.00
2000C-CCC558	PAVING WILL ST GARAGE-	No	07/01/1966	06/01/2016	589.05	589.05		0.00				40	8	0.00
2000C-CCC563	FENCE AROUND WILL ST GARAGE-LAND-NON TAXABLE	No	07/01/1966	06/01/2016	3,197.00	3,197.00		0.00				40	8	0.00
20000-CCC564	WILL ST GARAGE-	No	07/01/1967	06/01/2016	722.06	722.06		0.00				40	8	0.00
20000-CC2236	NEW OFFICE IN METER SHOP-	No	06/30/1991	06/01/2016	1,464.40	930.32		534.08				40	8	36.01
2000C-CC2381	WILL STREET - ROOF REPAIR-	No	12/31/1992	06/01/2016	44,760.82	27,278.05		17,482.77				40	8	1,100.68
2000C-CC2418	WILL STREET ROOF (PARTIAL)-	No	08/31/1993	06/01/2016	10,467.74	6,107.85		4,359.89				40	8	257.40
2000C-CC2887	WILL ST MATERIALS STATION-	No	08/31/1994	06/01/2016	10,499.10	5,854.00		4,645.10				40	8	258.17
20000-CC2731	Will Street Nashua - Installation of Retaining Wall & 41'x44' Slab on Grade	No	12/31/1994	06/01/2016	16,219.94	9,043.95		7,175.99				40	8	398.85
20000-CC4576	WILL STREET GARAGE DOOR-	No	03/01/2000	06/01/2016	3,417.00	1,391.58		2,025.42				40	8	84.02
20000-CC4672	WILL STREET GARAGE-	No	12/01/2000	06/01/2016	3,417.00	1,391.58		2,025.42				40	8	84.02
2000C-CC524 22	Will Street Nashua - Garage - 50'X200'	No	07/01/1966	06/01/2016	39,249.50	39,249.50		0.00				40	8	0.00
2000C-CC6084	CHAIN LINK FENCE W/ POSTS @ WILL ST	No	12/01/2005	06/01/2016	825.00	229.60		595.40				40	8	20.29
2000C-CC8485	WILL ST FENCE REPAIR	No	06/01/2009	06/01/2016	9,075.00	1,562.12		7,512.88				40	8	223.16
2000C-C12923	Will Street Security Upgrades - gravel and patch	No	04/01/2012	06/01/2016	135.35	13.31	700.442.00	122.04				40	8	3.33

Asset ID	Description	WICA Eligible	Placed In Service	Disposal Date	Cost	Accumulated Depreciation	Net Proceeds	Net Book Value	Taxable	Tax Rate (Local + State)	Taxes	Years	Months	Annual Depreciation Expense
20000-012924	Will Street Security Upgrades - labor	No	04/01/2012	06/01/2016	751.77	73.95		677.82				40	8	18.49
20000-012925	Will Street Security Upgrades - labor oh	No	04/01/2012	06/01/2016	514.36	50.59		463.77				40	8	12.65
20000-012926	Will Street Security Upgrades - dump truck	No	04/01/2012	06/01/2016	150.00	14.75		135.25				40	8	3.69
20000-012927	Will Street Security Upgrades - backhoe	No	04/01/2012	06/01/2016	144.00	14.16		129.84				40	8	3.54
20000-012928	Will Street Security Upgrades - 10ft fence w/ gate	No	04/01/2012	06/01/2016	9,900.00	973.76		8,926.24				40	8	243.44
20000-012929	Will Street Security Upgrades - paving associated with fence replacement	No	04/01/2012	06/01/2016	6,900.00	678.69		6,221.31				40	8	169.67
20000-012934	Will Street Security Upgrades - add 2 magna locks to existing sliding gate	No	04/01/2012	06/01/2016	1,925.00	189.36		1,735.64				40	8	47.34
20000-012935	Will Street Security Upgrades - metallic conduit and connectors	No	04/01/2012	06/01/2016	3,658.10	359.81		3,298.29				40	8	89.95
20000-C13099	Will Street Security Upgrades - wire magnetic gate holders	No	06/01/2012	06/01/2016	282.00	27.73		254.27				40	8	6.93
20000-C13100	Will Street Security Upgrades - labor	No	06/01/2012	06/01/2016	663.76	65.28		598.48				40	8	16.32
20000-C13101	Will Street Security Upgrades - backhoe	No	06/01/2012	06/01/2016	396.00	38.96		357.04				40	8	9.74
20000-C13102	Will Street Security Upgrades - labor oh	No	06/01/2012	06/01/2016	454.14	44.67		409.47				40	8	11.17
20000-C13103	Will Street Security Upgrades - truck	No	06/01/2012	06/01/2016	84.00	8.27		75.73				40	8	2.07
20000-C13216	Will Street Security Upgrades - material for magnetic lock on gates	No	07/01/2012	06/01/2016	54.02	5.31		48.71				40	8	1.33
20000-C17990	Will St Water Heater	No	06/01/2015	06/01/2016	3,164.75	77.82		3,086.93				40	8	77.82
Subtotal: 304700-2000-001 (31)					**178,152.03**	**105,254.25**	**702,442.00**	**72,897.78**	**Yes**	**29.13**	**2,123.51**			**3,180.08**
Asset Type: Hydrants														
Asset GL Acct #: 335000-2000-001														
20000-CC2127.5	Daniel Webster Highway Nashua - Hydrant (1)	Yes	10/31/1990	06/01/2016	742.89	403.64	0.00	339.25				44	8	16.63
20000-C10339.24	Nashua - Hydrant	Yes	07/01/1988	06/01/2016	1,661.93	967.38	0.00	694.55				44	8	37.21
20000-C780.231	Hydrants	Yes	01/01/1979	06/01/2016	366.02	247.28	0.00	118.74				44	8	8.19
Subtotal: 335000-2000-001 (3)					**2,770.84**	**1,618.30**	**0.00**	**1,152.54**	**Yes**	**29.13**	**33.57**			**62.03**
Asset Type: Laboratory Equipment														
Asset GL Acct #: 344000-2000-001														
20000-CC7444	Q-TRAY SEALER	No	05/01/2007	06/01/2016	3,543.81	1,594.72	0.00	1,949.09				20	0	177.19
Subtotal: 344000-2000-001 (1)					**3,543.81**	**1,594.72**	**0.00**	**1,949.09**	**No**					**177.19**
Asset Type: Meters														
Asset GL Acct #: 334000-2000-001														
20000-CC7503.53	5/8" Meters Nashua - (11)	No	01/01/1985	06/01/2016	876.70	876.70	0.00	0.00				20	11	0.00
20000-CC7503.553	5/8" Meters Nashua - (9)	No	01/01/1985	03/01/2016	717.30	717.30	0.00	0.00				20	11	0.00
20000-C2024.442	5/8" Meters Nashua - (16)	No	12/31/1989	03/01/2016	1,540.84	1,530.67	0.00	10.17				20	11	0.00
20000-C2106.172	5/8" Meters Nashua - (16)	No	12/31/1990	03/01/2016	1,575.70	1,565.61	0.00	10.09				20	11	0.00
20000-C2629.427	5/8" Meters Nashua - (7)	No	12/31/1994	06/01/2016	742.00	738.49	0.00	3.51				20	11	0.00
20000-C2839.227	3/4" Meters Nashua - (2) Renewed	No	12/31/1995	03/01/2016	344.72	342.54	0.00	2.18				20	11	0.00
20000-5229.10.2	5/8" Meters Nashua - (13) New & (1) Renewed	No	10/01/2003	03/01/2016	1,821.62	1,129.67	0.00	691.95				20	11	87.09
20000-7503.591	5/8" Meters Nashua - (12)	No	01/01/1987	06/01/2016	1,160.87	1,160.87	0.00	0.00				20	11	0.00
20000-7503.814	5/8" Meters Nashua - (2) no Chambers	No	01/01/1987	03/01/2016	121.44	121.44	0.00	0.00				20	11	0.00
20000-7503.822	5/8" Meters Nashua - (3) no Chambers	No	01/01/1987	03/01/2016	162.17	162.17	0.00	0.00				20	11	0.00
20000-7503.823	5/8" Meters Nashua - (2) with Chambers	No	01/01/1987	03/01/2016	158.30	158.30	0.00	0.00				20	11	0.00
20000-CC2313.3	1.5" Meters Nashua - (4) Renewed	No	12/31/1992	03/01/2016	1,283.28	1,276.24	0.00	7.04				20	11	0.00
20000-CC4704.1	3/4" METERS NASHUA 3 - RENEWED	No	03/01/2001	06/01/2016	321.91	230.19	0.00	91.72				20	11	15.39
20000-CC5026.2	3/4" METERS NASHUA 2 - NEW	No	04/01/2002	06/01/2016	312.44	208.62	0.00	103.82				20	11	14.94
20000-CC5225.2	3/4" Meters Nashua - (1) Renewed	No	01/01/2003	03/01/2016	160.31	99.47	0.00	60.84				20	11	7.66
20000-CC5548.1	5/8" Meters Nashua - (6) New & (14) Renewed	No	02/01/2004	06/01/2016	2,436.98	1,395.22	0.00	1,040.76				20	11	116.46
20000-CC5549.1	3/4" Meters Nashua - (2) New & (2) Renewed	No	03/01/2004	06/01/2016	648.29	371.28	0.00	277.01				20	11	30.99
20000-CC5549.4	3/4" Meters Nashua - (1) Renewed	No	08/01/2004	03/01/2016	209.05	119.71	0.00	89.34				20	11	9.99
20000-CC5549.8	3/4" Meters Nashua - (1) Renewed	No	10/01/2004	03/01/2016	145.62	83.39	0.00	62.23				20	11	6.96
20000-CC7781	3/4" METERS COMM SYS, 1 NEW	No	01/01/2008	06/01/2016	209.23	80.00	0.00	129.23				20	11	10.00
20000-CC7942	3" METERS CORE, 1 RENEWED	No	06/01/2008	03/01/2016	959.23	366.88	0.00	592.35				20	11	45.86
20000-C10131.43	5/8" Meters Nashua - (15)	No	07/01/1988	03/01/2016	1,009.35	1,002.30	0.00	7.05				20	11	0.00
20000-C2025.92	3/4" Meters Nashua - (2)	No	12/31/1989	03/01/2016	262.62	260.87	0.00	1.75				20	11	0.00
20000-C2106.34	5/8" Meters Nashua - (20)	No	12/31/1990	06/01/2016	1,914.46	1,902.52	0.00	11.94				20	11	0.00
20000-C2313.23	1.5" Meters Nashua - (1) Renewed	No	12/31/1992	03/01/2016	320.82	319.06	0.00	1.76				20	11	0.00
20000-C2315.59	3/4" Meters Nashua - (1) no Chamber	No	12/31/1992	06/01/2016	106.25	105.66	0.00	0.59				20	11	0.00
20000-C2412.94	5/8" Meters Nashua - (9) with Chambers	No	12/31/1993	03/01/2016	1,043.55	1,038.23	0.00	5.32				20	11	0.00
20000-C2415.22	1.5" Meters Nashua - (2)	No	12/31/1993	03/01/2016	651.54	648.24	0.00	3.30				20	11	0.00
20000-C2629.95	5/8" Meters Nashua - (7) no Chambers	No	12/31/1994	03/01/2016	696.15	692.85	0.00	3.30				20	11	0.00
20000-C2629.98	5/8" Meters Nashua - (7) no Chambers	No	12/31/1994	03/01/2016	696.15	692.85	0.00	3.30				20	11	0.00
20000-C2839.98	5/8" Meters Nashua - (9) no Chambers	No	12/31/1995	06/01/2016	1,003.32	999.81	0.00	3.51				20	11	0.00
20000-C4570.91	5/8" METERS- 6	No	12/01/2000	06/01/2016	777.56	598.95	0.00	180.61				20	11	37.17
20000-C4704.21	3/4" METERS NASHUA 1 - RENEWED	No	01/01/2001	06/01/2016	72.44	52.17	0.00	20.27				20	11	3.46
20000-C5548.9	5/8" Meters Nashua - (44) Renewed	No	11/01/2004	03/01/2016	5,383.57	3,082.43	0.00	2,301.14				20	11	257.38
20000-C7503.993	5/8" Meters Nashua - (1)	No	01/01/1986	03/01/2016	79.91	79.91	0.00	0.00				20	11	0.00
20000-C7503.999	5/8" Meters Nashua - (3)	No	01/01/1986	06/01/2016	239.80	239.80	0.00	0.00				20	11	0.00
20000-10312	5/8" Meters Nashua - (12) with Chambers	No	07/01/1988	06/01/2016	807.51	801.86	0.00	5.65				20	11	0.00
20000-10314.45	5/8" Meters Nashua - (1)	No	07/01/1988	03/01/2016	67.29	66.82	0.00	0.47				20	11	0.00
20000-10314.46	5/8" Meters Nashua - (1)	No	07/01/1988	03/01/2016	67.29	66.82	0.00	0.47				20	11	0.00
20000-10314.47	5/8" Meters Nashua - (1)	No	07/01/1988	03/01/2016	67.29	66.82	0.00	0.47				20	11	0.00
20000-2024.511	5/8" Meters Nashua - (17)	No	12/31/1989	06/01/2016	1,661.58	1,650.60	0.00	10.98				20	11	0.00
20000-2106.324	5/8" Meters Nashua - (1)	No	12/31/1990	06/01/2016	97.78	97.17	0.00	0.61				20	11	0.00
20000-2202.532	5/8" Meters Nashua - (1) no Chamber	No	12/31/1991	03/01/2016	89.29	88.77	0.00	0.52				20	11	0.00
20000-2202.533	5/8" Meters Nashua - (1) no Chamber	No	12/31/1991	03/01/2016	89.29	88.77	0.00	0.52				20	11	0.00
20000-2202.534	5/8" Meters Nashua - (1) no Chamber	No	12/31/1991	03/01/2016	89.29	88.77	0.00	0.52				20	11	0.00
20000-2202.535	5/8" Meters Nashua - (1) no Chamber	No	12/31/1991	03/01/2016	89.29	88.77	0.00	0.52				20	11	0.00
20000-2202.538	5/8" Meters Nashua - (1) no Chamber	No	12/31/1991	03/01/2016	89.29	88.77	0.00	0.52				20	11	0.00
20000-2202.598	5/8" Meters Nashua - (1)	No	12/31/1991	03/01/2016	107.35	106.72	0.00	0.63				20	11	0.00
20000-2202.599	5/8" Meters Nashua - (1)	No	12/31/1991	03/01/2016	107.36	106.73	0.00	0.63				20	11	0.00
20000-2202.921	5/8" Meters Nashua - (1)	No	12/31/1991	03/01/2016	86.17	85.67	0.00	0.50				20	11	0.00
20000-2315.922	3/4" Meters Nashua - (1) no Chamber	No	12/31/1992	03/01/2016	120.87	120.21	0.00	0.66				20	11	0.00
20000-2316.738	5/8" Meters Nashua - (5) with Chambers	No	12/31/1992	03/01/2016	455.05	452.56	0.00	2.49				20	11	0.00
20000-2316.739	5/8" Meters Nashua - (8) with Chambers	No	12/31/1992	06/01/2016	728.19	724.18	0.00	4.01				20	11	0.00
20000-2412.421	5/8" METERS 20	No	12/31/1993	06/01/2016	2,113.20	2,102.40	0.00	10.80				20	11	0.00
20000-2412.939	5/8" Meters Nashua - (1) no Chamber	No	12/31/1993	03/01/2016	104.81	104.28	0.00	0.53				20	11	0.00
20000-2412.939	5/8" Meters Nashua - (2) no Chambers	No	12/31/1993	03/01/2016	209.62	208.52	0.00	1.10				20	11	0.00
20000-2838.227	5/8" METERS 5	No	12/31/1995	03/01/2016	691.27	687.50	0.00	3.77				20	11	0.00
20000-2838.229	5/8" METERS 5	No	12/31/1995	03/01/2016	691.27	687.50	0.00	3.77				20	11	0.00
20000-3987.421	5/8" METERS 14	No	12/01/1998	06/01/2016	1,686.66	1,446.40	0.00	240.26				20	11	80.64
20000-3987.423	5/8" METERS 1	No	12/01/1998	06/01/2016	120.48	103.73	0.00	16.75				20	11	5.76
20000-4570.423	5/8" METERS- 5	No	12/01/2000	03/01/2016	544.30	417.96	0.00	126.34				20	11	26.02
20000-4702.32	5/8" METERS NASHUA 1	No	01/01/2001	06/01/2016	131.90	94.73	0.00	37.17				20	11	6.31
20000-4702.33	5/8" METERS NASHUA 1	No	01/01/2001	06/01/2016	131.90	94.73	0.00	37.17				20	11	6.31
20000-4702.34	5/8" METERS NASHUA 1	No	01/01/2001	06/01/2016	131.90	94.73	0.00	37.17				20	11	6.31
20000-4702.35	5/8" METERS NASHUA 1	No	01/01/2001	06/01/2016	131.90	94.73	0.00	37.17				20	11	6.31
20000-4702.36	5/8" METERS NASHUA 1	No	01/01/2001	06/01/2016	131.90	94.73	0.00	37.17				20	11	6.31
20000-4702.32	5/8" METERS NASHUA 3	No	04/01/2001	06/01/2016	418.23	299.27	0.00	118.96				20	11	20.00
20000-4702.33	5/8" METERS NASHUA 3	No	04/01/2001	06/01/2016	418.23	299.27	0.00	118.96				20	11	20.00
20000-4702.34	5/8" METERS NASHUA 3	No	04/01/2001	06/01/2016	418.23	299.27	0.00	118.96				20	11	20.00
20000-4704.221	3/4" METERS NASHUA 1	No	04/01/2001	03/01/2016	152.26	108.98	0.00	43.88				20	11	7.28
20000-4737.01	2" METERS NASHUA 2 - NEW	No	03/01/2001	06/01/2016	592.84	423.47	0.00	169.37				20	11	28.34
20000-5026.2	3/4" METERS-NASHUA-NEW (1)	No	12/01/2002	03/01/2016	57.65	38.63	0.00	19.02				20	11	2.76
20000-5548.2	5/8" Meters Nashua - (10) New & (13) Renewed	No	01/01/2004	06/01/2016	2,942.23	1,685.05	0.00	1,257.18				20	11	140.66
20000004251.321	5/8" Meters Nashua - (4)	No	12/01/1999	03/01/2016	557.88	454.85	0.00	103.03				20	11	26.67
20000004251.323	5/8" Meters Nashua - (2)	No	12/01/1999	06/01/2016	278.94	227.01	0.00	51.93				20	11	13.34
20000004251.329	5/8" Meters Nashua - (5)	No	12/01/1999	06/01/2016	697.37	570.93	0.00	126.44				20	11	33.34
PWWCC3136	3/4" METERS NASHUA, 1 NEW	No	09/01/2006	03/01/2016	228.82	109.36	0.00	119.46				20	11	10.94
Subtotal: 334000-2000-001 (77)					**48,588.46**	**40,005.85**	**0.00**	**8,582.61**	**Yes**	**29.13**	**250.01**			**1,110.64**
Asset Type: Miscellaneous Equipment														
Asset GL Acct #: 348000-2000-001														
20000-CC5415	15 Cubic Feet Frigidaire Refrigerator for Will Street Lunch Room Serial: BA31618457	No	06/01/2003	06/01/2016	424.00	222.68	0.00	201.32				25	0	16.96
20000-CC7140	FURNACE AT WILL STREET	No	11/01/2006	06/01/2016	5,462.00	2,184.80	0.00	3,277.20				25	0	218.48
20000-CC8653	CONSTRUCTION SIGN PACKAGE - 12 Hydrant Flushing Signs	No	09/01/2009	06/01/2016	1,005.24	281.46	0.00	723.78				25	0	40.21
20000-CC8654	CONSTRUCTION SIGN PACKAGE - 6 "Be Prepared to Stop" Signs	No	09/01/2009	06/01/2016	502.62	140.70	0.00	361.92				25	0	20.10
20000-CC8655	CONSTRUCTION SIGN PACKAGE - 8 "One Lane Road Ahead" Signs	No	09/01/2009	06/01/2016	670.16	187.66	0.00	482.50				25	0	26.81
20000-CC8656	CONSTRUCTION SIGN PACKAGE - 4 "Utility Work Ahead" Signs	No	09/01/2009	06/01/2016	335.08	93.80	0.00	241.28				25	0	13.40
20000-CC8657	CONSTRUCTION SIGN PACKAGE - 4 "Shoulder Work Ahead" Signs	No	09/01/2009	06/01/2016	335.08	93.80	0.00	241.28				25	0	13.40
20000-CC8658	CONSTRUCTION SIGN PACKAGE - 3 Detour Signs W/ Swivel Arrow	No	09/01/2009	06/01/2016	125.65	35.22	0.00	90.63				25	0	5.03
20000-C13376.1	Ferromagnetic Pipe Locators 1	No	08/01/2012	06/01/2016	2,161.50	345.84	0.00	1,815.66				25	0	86.46
20000-C13376.2	Ferromagnetic Pipe Locators 1	No	08/01/2012	06/01/2016	2,161.50	345.84	0.00	1,815.66				25	0	86.46
20000-C13376.3	Ferromagnetic Pipe Locators 1	No	08/01/2012	06/01/2016	2,161.50	345.84	0.00	1,815.66				25	0	86.46
Subtotal: 348000-2000-001 (11)					**15,344.53**	**4,277.64**	**0.00**	**11,066.89**	**No**					**613.78**
Asset Type: New Office at Yard														
Asset GL Acct #: 304700-2000-001														
20000-CC2602	CARPETING - WILL ST-2 OFFICES-DIST MGR	No	01/05/1994	06/01/2016	820.40	457.37	0.00	363.03				40	8	20.17
Subtotal: 304700-2000-001 (1)					**820.40**	**457.37**	**0.00**	**363.03**	**Yes**	**29.13**	**10.58**			**20.17**
Asset Type: Non-Union Vehicles														
Asset GL Acct #: 341000-2000-001														
20000-CC5646.2	2004 Chevy Colorado Pickup - Vehicle #67	No	06/01/2004	06/01/2016	18,687.04	18,687.04	0.00	0.00				10	7	0.00
20000-CC5646.21	2004 Chevy Colorado - Vehicle #67	No	07/01/2004	06/01/2016	281.19	281.19	0.00	0.00				10	7	0.00
20000-CC5646.22	2004 Chevy Colorado Pickup - Vehicle #67	No	08/01/2004	06/01/2016	1,370.51	1,370.51	0.00	0.00				10	7	0.00
20000-CC5646.23	2004 Chevy Colorado Pickup - Vehicle #67	No	11/01/2004	06/01/2016	177.81	177.81	0.00	0.00				10	7	0.00
20000-5751.53	2004 Chevy Colorado Pickup - Lettered - Vehicle #67	No	12/01/2004	06/01/2016	235.00	235.00	0.00	0.00				10	7	0.00
Subtotal: 341000-2000-001 (5)					**20,751.55**	**20,751.55**	**0.00**	**0.00**	**No**					**0.00**
Asset Type: Paving - General														
Asset GL Acct #: 331000-2000-001														
20000-CC3077	PAVEMENTS-GENERAL-WILL ST	No	10/31/1996	06/01/2016	9,974.86	2,871.01	0.00	7,103.85				63	8	156.67
20000-CC5089	Will Street Nashua - Seal the Parking Lot	No	07/01/2002	06/01/2016	2,172.50	464.48	0.00	1,708.02				63	8	34.12
20000-C10000	PAVEMENTS-WILL ST-	No	01/01/1986	06/01/2016	17,224.00	14,768.09	0.00	2,455.91				63	8	270.53
Subtotal: 331000-2000-001 (3)					**29,371.36**	**18,103.58**	**0.00**	**11,267.78**	**Yes**	**29.13**	**328.23**			**461.33**
Asset Type: Power Generation Equipment														
Asset GL Acct #: 310000-2000-001														
20000-C13217	Will Street Security Upgrades - smartrack wall mount	No	07/01/2012	06/01/2016	678.72	123.41	0.00	555.31				22	0	30.85
20000-C13218	Will Street Security Upgrades - Generator, concrete slab, power run & gas lines	No	07/01/2012	06/01/2016	42,826.87	7,786.72	0.00	35,040.15				22	0	1,946.68
Subtotal: 310000-2000-001 (2)					**43,505.59**	**7,910.13**	**0.00**	**35,595.46**	**No**					**1,977.53**

Asset ID	Description	WICA Eligible	Placed In Service	Disposal Date	Cost	Accumulated Depreciation	Net Proceeds	Net Book Value	Taxable	Tax Rate (Local + State)	Taxes	Years	Months	Annual Depreciation Expense
Asset Type: Renewed Services														
Asset GL Acct #: 333200-2000-001														
20000-5537 6 3	Harris Street (#30) Nashua - 1" CT Renewed Service	Yes	11/01/2004	C3/C1/2C16	1,032 33	293 C7	0 CC	739 26				42	9	24 15
Subtotal: 333200-2000-001 (1)					**1,032.33**	**293.07**	**0.00**	**739.26**	**Yes**	**29.13**	**21.53**			**24.15**
Asset Type: Services														
Asset GL Acct #: 333100-2000-001														
20000-0033947	Newburgh Road (#25) Nashua - 3/4" CT Service	Yes	12/01/1998	C3/C1/2C16	1,055 52	455 89	0 CC	599 63				42	9	24 89
Subtotal: 333100-2000-001 (1)					**1,055.52**	**455.89**	**0.00**	**599.63**	**Yes**	**29.13**	**17.47**			**24.89**
Asset Type: Shop Equipment														
Asset GL Acct #: 343000-2000-001														
20000-008954	Pipe Saws (3) - OPS	No	12/01/2009	06/01/2016	2,637 CC	1,23C 6C	0 CC	1,406 4C				15	C	175 8C
20000-009013	(2) Modine Space Heaters at Will Street Garage	No	12/C1/2CC9	06/01/2016	4,C25 CC	1,878 32	0 CC	2,146 68				15	C	288 33
20000-011295	Metal Detector (1) - SN 122810001	No	01/01/2011	06/01/2016	8C5 56	268 5C	0 CC	537 C6				15	C	53 7C
2000C-C11296	Metal Detector (1) - SN 122910006	No	01/01/2011	06/01/2016	8C5 56	268 5C	0 CC	537 C6				15	C	53 7C
2000C-C11297	Metal Detector (1) - SN 123110007	No	01/01/2011	06/01/2016	8C5 56	268 5C	0 CC	537 C6				15	C	53 7C
2000C-C11298	Metal Detector (1) - SN 12311CCC9	No	01/01/2011	06/01/2016	8C5 56	268 5C	0 CC	537 C6				15	C	53 7C
2000C-C11299	Metal Detector (1) - SN C11211CC2	No	01/01/2011	06/01/2016	8C5 55	268 5C	0 CC	537 C5				15	C	53 7C
2000C-C11808	Meter Test Bench - labor	No	05/01/2011	06/01/2016	777 28	259 1C	0 CC	518 18				15	C	51 82
2000C-C11809	Meter Test Bench - labor oh	No	05/01/2011	06/01/2016	5C8 57	169 5C	0 CC	339 C7				15	C	33 9C
2000C-C11812	Meter Test Bench - misc parts	No	05/01/2011	06/01/2016	44C 47	146 8C	0 CC	293 67				15	C	29 36
2000C-C11813	Meter Test Bench - Install New Receptacles	No	05/01/2011	06/01/2016	1,975 CC	658 34	0 CC	1,316 66				15	C	131 67
20000-011814	Meter Test Bench - pipe & fittings	No	05/01/2011	06/01/2016	53 C5	17 7C	0 CC	35 35				15	C	3 54
2000C-C11815	Meter Test Bench - concrete	No	05/01/2011	06/01/2016	23 94	8 CC	0 CC	15 94				15	C	1 6C
2000C-C12386	Replace Sand & Patch Shelters - 2Cx28x1C round green heavy duty, frame covers & cement anchors	No	12/01/2011	06/01/2016	2,718 CC	9C6 CC	0 CC	1,812 CC				15	C	181 2C
2000C-C12387	Replace Sand & Patch Shelters - 14x20x7 versa lube classic carport w/enclosed sideds & cement anchors	No	12/01/2011	06/01/2016	2,6CC CC	866 66	0 CC	1,733 34				15	C	173 33
Subtotal: 343000-2000-001 (15)					**19,786.10**	**7,483.52**	**0.00**	**12,302.58**	**No**					**1,319.07**
Asset Type: Union Vehicles														
Asset GL Acct #: 341000-2000-001														
2000C-CC51CC 5	2002 Ford F-350 Truck - Vehicle #85	No	C7/C1/2CC2	06/01/2016	53 39	53 39	0 CC	0 CC				1C	7	0 CC
2000C-CC56 4C 3	2004 Chevy Silverado 1500 - Vehicle #68	No	06/01/2004	06/01/2016	19,233 C4	19,233 C4	0 CC	0 CC				1C	7	0 CC
2000C-CC5852	2005 Chevy Express Van - Vehicle #24	No	C5/C1/2CC5	06/01/2016	22,398 96	22,398 96	0 CC	0 CC				1C	7	0 CC
2000C-CCEC95	2006 Ford F-350 - Vehicle #58	No	12/C1/2CC5	06/01/2016	38,367 41	38,367 41	0 CC	0 CC				1C	7	0 CC
2000C-CC71C7	2006 Chevy 2500 - Vehicle #99	No	1C/C1/2CC6	06/01/2016	28,817 88	27,398 17	0 CC	1,419 71				1C	7	0 CC
2000C-CC79C8	2008 Ford F-350 - Vehicle #44	No	C8/C1/2CC8	06/01/2016	42,76C 26	32,322 72	0 CC	1C,437 54				1C	7	4,C4C 34
2000C-CC8C8C	2008 Ford Ranger - Vehicle #28	No	C9/C1/2CC8	06/01/2016	21,795 45	16,475 29	0 CC	5,32C 16				1C	7	2,C59 41
2000C-C15311	2013 Chevy Silverado - Replace Vehicle #68	No	12/01/2013	06/01/2016	25,128 CC	7,122 34	0 CC	18,CC3 66				1C	7	2,374 11
2000C-C15312	2013 Chevy Silverado - Replace Vehicle #68	No	12/01/2013	06/01/2016	245 CC	69 44	0 CC	175 56				1C	7	23 15
2000C-C15313	2013 Chevy Silverado - Replace Vehicle #68	No	12/01/2013	06/01/2016	2,CCC CC	566 94	0 CC	1,433 C6				1C	7	188 98
2000C-C56 4C 31	2004 Chevy Silverado 1500 - Vehicle #68	No	C7/C1/2CC4	06/01/2016	281 2C	281 2C	0 CC	0 CC				1C	7	0 CC
2000C-C56 4C 32	2004 Chevy Silverado 1500 - Vehicle #68	No	C8/C1/2CC4	06/01/2016	1,37C 51	1,37C 51	0 CC	0 CC				1C	7	0 CC
2000C-C56 4C 33	2004 Chevy Silverado 1500 - Vehicle #68	No	11/01/2004	06/01/2016	177 82	177 82	0 CC	0 CC				1C	7	0 CC
2000C-5751 54	2004 Chevy Silverado Pickup - Lettered - Vehicle #68	No	12/01/2004	06/01/2016	235 CC	235 CC	0 CC	0 CC				1C	7	0 CC
2000C-5751 63	2002 Ford F-350 Truck - Cleaned & Lettered - Vehicle #85	No	12/01/2004	06/01/2016	3CC CC	3CC CC	0 CC	0 CC				1C	7	0 CC
Subtotal: 341000-2000-001 (15)					**203,161.92**	**166,372.23**	**0.00**	**36,789.69**	**No**					**8,685.99**
Asset Type: Water Treatment Equipment														
Asset GL Acct #: 320200-2000-001														
2000C-C15310	WTP Replace Valve Actuator, Filter 6B	No	12/01/2013	06/01/2016	5,C95 28	5C5 32	0 CC	4,589 96				3C	3	168 44
Subtotal: 320200-2000-001 (1)					**5,095.28**	**505.32**	**0.00**	**4,589.96**	**Yes**	**29.13**	**133.71**			**168.44**
Asset Type: Will Street Expansion														
Asset GL Acct #: 304750-2000-001														
2000C-CCC579	WILL STREET EXPANSION	No	C1/C1/1985	06/01/2016	218,533 C9	172,524 2C	0 CC	46,CC8 89				4C	8	5,373 76
2000C-CCC579 1	WILL STREET EXPANSION	No	01/01/1986	06/01/2016	1,C15 CC	775 98	0 CC	239 C2				4C	8	24 96
2000C-CC2317	WILL ST EXPANSION - CONVERT-BAY TO MAINTENANCE WORK SHOP	No	C3/31/1992	06/01/2016	15,6C2 32	9,5C8 28	0 CC	6,C94 C4				4C	8	383 66
2000C-CC2EC3	GARAGE DOORS-WILL ST EXPANSION	No	C2/28/1994	06/01/2016	5,864 37	3,289 87	0 CC	2,594 5C				4C	8	144 21
2000C-CC2688	BLOCK WALL-WILL ST GARAGE-	No	C8/31/1994	06/01/2016	5,215 95	2,908 34	0 CC	2,3C7 61				4C	8	128 26
2000C-CC285C	Will Street Nashua - Degreasing Station	No	C5/C1/1995	06/01/2016	23,915 86	12,715 13	0 CC	11,2CC 73				4C	8	588 C9
2000C-CC292E	16X14 TRI CORE STEEL DOOR WITH-PASS DOOR INTERLOCK SWITCH	No	12/C8/1995	06/01/2016	3,72C CC	1,977 78	0 CC	1,742 22				4C	8	91 48
2000C-CC2937	Will Street Nashua - Degreasing Bay Sewer Line	No	12/31/1995	06/01/2016	12,519 58	6,656 19	0 CC	5,863 39				4C	8	3C7 86
2000C-CC3C14	DEGREASING BAY - WILL ST-BLOCK WALL #2	No	C2/22/1996	06/01/2016	13,957 25	7,058 77	0 CC	6,898 48				4C	8	343 21
2000C-CC3C49	METER SHOP RELOCATION-WILL STREET	No	05/31/1996	06/01/2016	26,423 86	13,363 74	0 CC	13,C6C 12				4C	8	649 77
2000C-CC3124	GARAGE DOOR-WILL STREET	No	11/30/1996	06/01/2016	3,16C CC	1,598 1C	0 CC	1,561 9C				4C	8	77 7C
2000C-CC3125	WILL ST ELECTRIC PANEL-	No	11/30/1996	06/01/2016	3,826 14	1,935 13	0 CC	1,891 C1				4C	8	94 C9
2000C-CC3221	EMPLOYEE LOCKER ROOM-EXPANSION-WILL ST	No	C3/31/1997	06/01/2016	2C,415 94	9,796 12	0 CC	1C,619 82				4C	8	5C2 C3
2000C-CC3392	REBUILD OLD METER SHOP-WILL STREET	No	C3/31/1998	06/01/2016	14,311 53	6,496 14	0 CC	7,815 39				4C	8	351 92
2000C-CC4E21	NEW WINDOWS - WILL STREET-BUILDING	No	1C/C1/2CCC	06/01/2016	4,263 CC	1,736 2C	0 CC	2,526 8C				4C	8	1C4 83
2000C-CC469C	EQUIPMENT ROOM COUNTER TOPS-WILL STREET	No	01/01/2001	06/01/2016	3,C46 73	1,161 84	0 CC	1,884 89				4C	8	74 92
2000C-CC4717	WILL STREET CARPETING-	No	02/01/2001	06/01/2016	1,167 48	445 23	0 CC	722 25				4C	8	28 71
2000C-CC4833	WINTER PLUG-IN OF VEHICLES-WILL STREET EXPANSION	No	12/01/2001	06/01/2016	4,453 44	1,698 29	0 CC	2,755 15				4C	8	1C9 51
2000C-C1C4C7	Replace new commercial steel door at service room, pre-finished w/ kick plate	No	11/01/2010	06/01/2016	3,24C CC	478 C3	0 CC	2,761 97				4C	8	79 67
2000C-C1C4C8	Replace new commercial steel door at break room, pre-finished w/ kick plate	No	11/01/2010	06/01/2016	2,94C CC	433 8C	0 CC	2,5C6 2C				4C	8	72 3C
Subtotal: 304750-2000-001 (20)					**387,591.54**	**256,537.16**	**0.00**	**131,054.38**	**Yes**	**29.13**	**3,817.61**			**9,530.94**
Subtotal: Nashua (206)					**1,281,217.90**	**916,897.61**	**702,442.00**	**364,320.29**						**34,921.35**
Town or Department: Pennichuck Water														
Asset Type: Meters														
Asset GL Acct #: 334000-2000-001														
2000C-CC7334 1	5/8" Meters Core - (1) Renewed	No	C2/C1/2CC7	06/01/2016	172 82	74 49	0 CC	98 33				2C	11	8 26
2000C-CC7334 2	5/8" Meters Core - (1) Renewed	No	C2/C1/2CC7	06/01/2016	172 82	74 49	0 CC	98 33				2C	11	8 26
2000C-CC773C 4	5/8" Meters Core & Community Systems - (4) New	No	12/01/2007	06/01/2016	518 31	221 83	0 CC	296 48				2C	11	24 78
2000C-CC7841 2	5/8" Meters Core - (1) Renewed no Chamber	No	03/01/2008	06/01/2016	191 33	73 19	0 CC	118 14				2C	11	9 15
2000C-CC7884 4	5/8" Meters Core & Community Systems - (1) New with Chamber	No	04/01/2008	C3/C1/2C16	169 75	64 96	0 CC	1C4 79				2C	11	8 12
2000C-CC791C	1 5" Meters Community Systems - (1) New	No	C5/C1/2CC8	C3/C1/2C16	462 11	176 73	0 CC	285 38				2C	11	22 C9
2000C-C11338 2	5/8" Meters Community Systems - (1) New no Chamber	No	01/01/2011	06/01/2016	1C3 C2	24 64	0 CC	78 38				2C	11	4 93
Subtotal: 334000-2000-001 (7)					**1,790.16**	**710.33**	**0.00**	**1,079.83**	**Yes**	**29.13**	**31.46**	**140.00**	**77.00**	**85.59**
Asset Type: Radios for Metering Equipment														
Asset GL Acct #: 334100-2000-001														
2000C-CC8283 3	Neptune Radio Installs - Core - 7 Neptunes	No	01/01/2009	06/01/2016	549 58	183 9C	0 CC	365 68				2C	11	28 27
2000C-CC8754 2	Neptune Radio Installs Community Systems - 1	No	1C/C1/2CC9	C3/C1/2C16	113 71	38 C8	0 CC	75 63				2C	11	5 44
2000C-CC8754 3	Neptune Radio Installs Community Systems - 1	No	1C/C1/2CC9	C3/C1/2C16	113 71	38 C8	0 CC	75 63				2C	11	5 44
2000C-CC8754 4	Neptune Radio Installs Community Systems - 1	No	1C/C1/2CC9	C3/C1/2C16	113 71	38 C8	0 CC	75 63				2C	11	5 44
2000C-CC8754 5	Neptune Radio Installs Community Systems - 1	No	1C/C1/2CC9	C3/C1/2C16	113 7C	38 C8	0 CC	75 62				2C	11	5 44
2000C-C1CC66 1	Neptune Radio Replacements Comm Sys, 1	No	10/01/2010	C3/C1/2C16	94 1C	27 CC	0 CC	67 1C				2C	11	4 5C
2000C-C115C6 1	Neptune Radio Installs Community Systems - (1)	No	03/01/2011	06/01/2016	93 11	22 26	0 CC	7C 85				2C	11	4 45
2000C-C7634 76	Neptune Radio Installs - Core - 12 Neptunes	No	1C/C1/2CC7	C3/C1/2C16	1,322 88	569 16	0 CC	753 72				2C	11	63 25
2000C-C7979 21	Neptune Radio Installs - Core - 14	No	C6/C1/2CC8	C3/C1/2C16	1,52C 12	581 44	0 CC	938 68				2C	11	72 68
2000C-C8465 51	Neptune Radio Installs - Core - 1 Neptunes	No	C5/C1/2CC9	C3/C1/2C16	7C 88	23 72	0 CC	47 16				2C	11	3 39
2000C-C8465 52	Neptune Radio Installs - Core - 1 Neptunes	No	C5/C1/2CC9	C3/C1/2C16	7C 88	23 72	0 CC	47 16				2C	11	3 39
2000C-7634 991	Neptune Radio Installs - Core - 9 Neptunes	No	1C/C1/2CC7	06/01/2016	992 36	427 65	0 CC	564 71				2C	11	47 44
2000C-7979 227	Neptune Radio Installs - Core - 14	No	C6/C1/2CC8	06/01/2016	1,52C 12	581 44	0 CC	938 68				2C	11	72 68
Subtotal: 334100-2000-001 (13)					**6,688.86**	**2,592.61**	**0.00**	**4,096.25**	**Yes**	**29.13**	**119.32**			**319.79**
Subtotal: Pennichuck Water (20)					**8,479.02**	**3,302.94**	**0.00**	**5,176.08**						**405.37**
Town or Department: Plaistow														
Asset Type: Meters														
Asset GL Acct #: 334000-2000-001														
2000C-CC5C23 1	5/8" Meters Valleyfield Plaistow - (1) New	No	04/01/2002	C3/C1/2C16	67 74	45 23	0 CC	22 51				2C	11	3 24
Subtotal: 334000-2000-001 (1)					**67.74**	**45.23**	**0.00**	**22.51**	**Yes**	**27.48**	**0.62**			**3.24**
Subtotal: Plaistow (1)					**67.74**	**45.23**	**0.00**	**22.51**						**3.24**
Town or Department: Salem														
Asset Type: Meters														
Asset GL Acct #: 334000-2000-001														
2000C-CC5765	3/4" Meters Autumn Woods Salem - (1) Renewed	No	01/01/2005	06/01/2016	193 C4	1C1 42	0 CC	91 62				2C	11	9 23
Subtotal: 334000-2000-001 (1)					**193.04**	**101.42**	**0.00**	**91.62**	**Yes**	**24.64**	**2.26**			**9.23**
Subtotal: Salem (1)					**193.04**	**101.42**	**0.00**	**91.62**						**9.23**
				Grand Totals -	**$1,523,842.73**	**$1,094,599.06**	**$702,442.00**	**$429,243.67**			**$8,669.15**			**$47,040.53**
				Grand Totals -	**$834,259.89**	**$529,565.16**	**$702,442.00**	**$304,694.73**			**$7,741.23**			**$23,151.27**

	Modified Rate Structure	Original Rate Structure
Increase in Accumulated Depreciation:		
Net Proceeds from Sale of Will Street Facility	$ (702,442)	$ (702,442)
Less: Management Fee allocation of Wil Street Facility ROI to Affiliates		
(28.14% Allocation based on Return on Assets)	197,667	197,667
Net Increase in Accumulated Depreciation	**$ (504,775)**	**$ (504,775)**
Decrease in Property Tax Expense:	**$ (8,669)**	**$ (7,741)**
Decrease in Depreciation Expense:		
Decrease in Annual Depreciation Expense for 2016 Plant Retirements	$ (47,041)	$ (23,151)
Less: Management Fee Allocation of Will Street Property		
(34.13% Allocation basd on Work Order activity)	6,710	6,710
Net Decrease in Depreciation Expense	**$ (40,331)**	**$ (16,441)**