

# TAB 11

Filing Requirement (FR) Schedules

Puc 1604.06 and Puc 1604.07

## Hampstead Area Water Company

### Computation of Revenue Deficiency

#### For the Test Year Ended December 31, 2019

	<u>Actual</u>	<u>Proforma</u>
Rate Base (Schedule 3)	\$5,237,474	\$9,966,564
Rate of Return (Schedule 4)	<u>5.78%</u>	<u>5.56%</u>
Operating Income Required	\$302,531	\$ 554,132
Net Operating Income (Schedule 1)	<u>77,678</u>	<u>554,132</u>
Operating Income Deficiency	\$224,853	\$0
Tax Effect	<u>0</u>	<u>0</u>
Revenue Deficiency	<u>\$224,853</u>	<u>\$0</u>

Statement of Income

Line No.	Account Title (Number) (a)	Actual 2019 Year End Balance (b)	Proforma Adjustments (c)	Proforma 2019 Year End Balance (d)	Actual 2018 Year End Balance (e)	Actual 2017 Year End Balance (f)
<b>UTILITY OPERATING INCOME</b>						
1	Operating Revenues(400)	\$ 2,325,428	\$1,523,330	\$ 3,848,758	\$ 2,043,478	\$ 1,788,762
2	Operating Expenses:					
3	Operation and Maintenance Expense (401):					
4	Source of Supply	35,719	513,761	549,480	36,795	22,839
5	Pumping Expenses	390,948	(32,390)	358,558	399,011	284,516
6	Water Treatment Expenses	187,684	-	187,684	180,419	170,729
7	Transmission and Distribution Expenses	167,677		167,677	136,927	83,991
8	Customer Accounts Expenses	150,569		150,569	129,994	113,121
9	Administrative and General Expenses	813,087	166,559	979,646	699,540	504,818
10	Total Operation and Maintenance Expenses	1,745,684	647,930	2,393,614	1,582,686	1,180,014
11	Depreciation Expense (403)	557,503	328,024	885,527	525,662	500,470
12	Amortization of Contribution in Aid of Construction (405)	(221,541)	(192,799)	(414,340)	(221,212)	(216,489)
13	Amortization of Utility Plant Acquisition Adjustment (406)	84		84	31	-
14	Amortization Expense-Other (407)	3,597	-	3,597	3,616	2,715
15	Taxes Other Than Income (408.1-408.13)	146,846	79,313	226,159	154,064	159,664
16	Income Taxes (409.1, 410.1, 411.1, 412.1)	15,577	184,409	199,986	12,601	11,492
17	<b>Total Operating Expenses</b>	\$ 2,247,750	\$ 1,046,876	\$ 3,294,626	\$ 2,057,448	\$ 1,637,866
18	Net Operating Income (Loss)	77,678	476,454	554,132	(13,970)	150,896
19	Income From Utility Plant Leased to Others (413)					
20	Gains(Losses) From Disposition of Utility Property (414)					
21	<b>Net Water Utility Operating Income</b>	\$ 77,678	\$ 476,454	\$ 554,132	\$ (13,970)	\$ 150,896
<b>OTHER INCOME AND DEDUCTIONS</b>						
22	Revenues From Merchandising, Jobbing and Contract Work (415)					
23	Costs and Expenses of Merchandising, Jobbing and Contract Work (416)					
24	Equity in Earnings of Subsidiary Companies (418)					
25	Interest and Dividend Income (419)	235		235	1,076	537
26	Allow. for funds Used During Construction (420)					
27	Nonutility Income (421)				(209)	
28	Gains (Losses) Form Disposition Nonutility Property (422)					
29	Miscellaneous Nonutility Expenses (426)					
30	<b>Total Other Income and Deductions</b>	\$ 235		\$ 235	\$ 867	\$ 537
<b>TAXES APPLICABLE TO OTHER INCOME</b>						
31	Taxes Other Than Income (408.2)					
32	Income Taxes (409.2, 410.2, 411.2, 412.2, 412.3)					
33	<b>Total Taxes Applicable To Other Income</b>					
<b>INTEREST EXPENSE</b>						
34	Interest Expense (427)	125,631		125,631	121,214	129,400
35	Amortization of Debt Discount & Expense (428)	4,249		4,249	2,765	2,765
36	Amortization of Premium on Debt (429)					
37	<b>Total Interest Expense</b>	\$ 129,880		\$ 129,880	\$ 123,979	\$ 132,165
38	<b>Income Before Extraordinary Items</b>	(51,967)	476,454	424,487	(137,082)	19,268
<b>EXTRAORDINARY ITEMS</b>						
39	Extraordinary Income (433)					
33	Extraordinary Deductions (434)					
34	Income Taxes, Extraordinary Items (409.3)					
40	<b>Net Extraordinary Items</b>					
41	<b>NET INCOME (LOSS)</b>	\$ (51,967)	\$ 476,454	\$ 424,487	\$ (137,082)	\$ 19,268

**Hampstead Area Water Company**  
**Statement of Income - Proforma Adjustments**

Schedule 1A

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**Operating Revenues**

1	2019 Test Year Proforma	\$ 2,500,608
	2019 Test Year Actual Operating Revenues	<u>2,325,428</u>
	Proforma Adjustment	<u>\$ 175,180</u>
	To adjust test year revenues for the additional revenue due to sale of water to Plaistow (100,000 / 748 x \$3.59 x 365)	
2	2019 Test Year Proforma	\$ 3,848,758
	2019 Test Year Actual Operating Revenues	<u>2,500,608</u>
	Proforma Adjustment	<u>\$ 1,348,150</u>
	To adjust test year revenues for the additional revenue needed in order for the Company to earn its rate of return and to recover its expenses.	
	Total Proforma Adjustment to Operating Revenues	<b><u>\$ 1,523,330</u></b>

**Operating and Maintenance Expenses**

3	<u>Purchaed Water</u>	
	2019 Test Year Proforma	\$ 372,075
	2019 Test Year Actual	-
	Proforma Adjustment	<u>\$ 372,075</u>
	To adjust test year purchased water for the purchase of 250,000 gallons from Manchester (250,000 / 748 x \$3.05 x 365)	
4	<u>Purchaed Water</u>	
	2019 Test Year Proforma	\$ 148,830
	2019 Test Year Actual	-
	Proforma Adjustment	<u>\$ 148,830</u>
	To adjust test year purchased water for the purchase of 250,000 gallons from Manchester (100,000 / 748 x \$3.05 x 365)	
5	<u>Well Expenses</u>	
	2019 Test Year Proforma	\$ 28,576
	2019 Test Year Actual	<u>35,720</u>
	Proforma Adjustment	<u>\$ (7,144)</u>
	To adjust test year well expenses for anticipated 20% reduction due to SNHRWIP	
	Total Proforma Adjustments to Source of Supply	<b><u>\$ 513,761</u></b>
6	<u>Purchased Power</u>	
	2019 Test Year Proforma	\$ 186,791
	2019 Test Year Actual	<u>219,181</u>
	Proforma Adjustment	<u>\$ (32,390)</u>
	To adjust test year purchased power expense for anticipated reduction due to SNHRWIP	

7	<u>Pumping Expense</u>	
	2019 Test Year Proforma	\$ 171,768
	2019 Test Year Actual	<u>171,768</u>
	Proforma Adjustment	\$ <u>-</u>
	To adjust test year pumping expenses for anticipated ... reduction due to SNHRWIP	
	<b>Total Proforma Adjustments to Pumping Expenses</b>	<b>\$ <u>(32,390)</u></b>
8	<u>Treatment Expenses (Filters)</u>	
	2019 Test Year Proforma	\$ 174,184
	2019 Test Year Actual	<u>174,184</u>
	Proforma Adjustment	\$ <u>-</u>
	To adjust test year treatment expenses for anticipated ... reduction due to SNHRWIP	
9	<u>Wages</u>	
	2019 Test Year Proforma	\$ 524,153
	2019 Test Year Actual	<u>376,432</u>
	Proforma Adjustment	\$ <u>147,721</u>
	To adjust test year wages for on-going annual wages plus 3% increase	
10	<u>Payroll Taxes</u>	
	2019 Test Year Proforma	\$ 40,098
	2019 Test Year Actual	<u>28,797</u>
	Proforma Adjustment	\$ <u>11,301</u>
	To adjust test year payroll taxes due to on-going wages plus 3% increase	
11	<u>Benefits - 401k, Health Inc &amp; Life Ins</u>	
	2019 Test Year Proforma	\$ 57,573
	2019 Test Year Actual	<u>34,711</u>
	Proforma Adjustment	\$ <u>22,862</u>
	To adjust test year employee benefits due to change in personnel, etc.	
12	<u>Management Agreement</u>	
	2019 Test Year Proforma	\$ 177,611
	2019 Test Year Actual	<u>169,153</u>
	Proforma Adjustment	\$ <u>8,458</u>
	To adjust test year management costs by 5% as per Management / Service / Rental Agreement	
13	<u>Outside Services - Legal and Accounting Expenses associated with CIAC Tax Review</u>	
	2019 Test Year Proforma	\$ 12,892
	2019 Test Year Actual	<u>38,675</u>
	Proforma Adjustment	\$ <u>(25,783)</u>
	To adjust test year expenses for legal and accounting expenditures associated with CIAC Tax Review (\$38,675 / 3 years)	

14	<u>Outside Services - Audit Expenses</u>	
	2019 Test Year Proforma	\$2,000
	2019 Test Year Actual	
	Proforma Adjustment	<u>\$2,000</u>
	To adjust test year expenses for costs associated with 2017 PUC audit of test year expenses (\$6,000 / 3 years)	

Total Proforma Adjustments to Administrative and General Expenses	<b><u>\$ 166,559</u></b>
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<b>Total Proforma Adjustments to Operating and Maintenance Expenses</b>	<b><u>\$647,930</u></b>
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### Depreciation Expenses

15	2019 Test Year Proforma	\$ 577,173
	2019 Test Year Actual	<u>557,503</u>
	Proforma Adjustment	<u>\$ 19,670</u>
	To adjust test year expenses for the additional half year depreciation on the 2019 addition to plant	

16	2019 Test Year Proforma for Atkinson Tank	\$ 618,254
	2019 Test Year Proforma	<u>577,173</u>
	Proforma Adjustment	<u>\$ 41,081</u>
	To adjust test year expenses for the additional full year depreciation on the Atkinson Tank	

17	2019 Test Year Proforma for SNHRWIP	\$ 875,712
	2019 Test Year Proforma for Atkinson Tank	<u>618,254</u>
	Proforma Adjustment	<u>\$ 257,458</u>
	To adjust test year expenses for the additional full year depreciation on the SNHRWIP	

18	2019 Test Year Proforma for Other Plant	\$ 885,527
	2019 Test Year Proforma for SNHRWIP	<u>875,712</u>
	Proforma Adjustment	<u>\$ 9,815</u>
	To adjust test year expenses for the additional full year depreciation on the SNHRWIP	

Total Adjustments to Depreciation Expenses	<b><u>\$ 328,024</u></b>
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### Amortization of CIAC

19	2019 Test Year Proforma	\$ (220,037)
	2019 Test Year Actual	<u>(221,541)</u>
	Proforma Adjustment	<u>\$ 1,504</u>
	To adjust test year expenses for the additional half year amortization on the 2019 CIAC	

20	2019 Test Year Proforma for Atkinson Tank	\$ (242,015)
	2019 Test Year Proforma	<u>(220,037)</u>
	Proforma Adjustment	<u>\$ (21,978)</u>
	To adjust test year expenses for the additional half year amortization on the 2019 CIAC	

21	2019 Test Year Proforma for SNHRWIP	\$	(414,340)
	2019 Test Year Proforma for Atkinson Tank		(242,015)
	Proforma Adjustment	\$	<u>(172,325)</u>
	To adjust test year expenses for the additional half year amortization on the 2019 CIAC		
	Total Adjustments to Amortization of CIAC	\$	<u>(192,799)</u>

### Amortization Expense - Other

22	2019 Test Year Proforma	\$	3,597
	2019 Test Year Actual		3,597
	Proforma Adjustment	\$	<u>-</u>
	To adjust test year expenses for amortization of Village Drive and Eastwod Place wells		

### Taxes other than Income

23	2019 Test Year Proforma	\$	226,159
	2019 Test Year Actual		146,846
	Proforma Adjustment	\$	<u>79,313</u>
	To adjust test year expenses for state and local property taxes		

### Income Taxes

	State Business Taxes		
24	2019 Test Year Proforma	\$	38,037
	2019 Test Year Actual		3,032
	Proforma Adjustment	\$	<u>35,005</u>
	To adjust test year expenses for state business taxes		
	Federal Income Taxes		
25	2019 Test Year Proforma	\$	95,749
	2019 Test Year Actual		-
	Proforma Adjustment	\$	<u>95,749</u>
	To adjust test year expenses for federal income taxes		
	Provision for Deferred Taxes		
26	2019 Test Year Proforma	\$	56,687
	2019 Test Year Actual		3,032
	Proforma Adjustment	\$	<u>53,655</u>
	To adjust test year expenses for deferred taxes		
	Total Adjustments to Income Taxes	\$	<u>184,409</u>
	<b>Total Proforma Adjustment to Operating Expenses</b>		<u><b>\$1,046,876</b></u>

# Hampstead Area Water Company

# Schedule 1B

## Income Tax Computation

	Actual	Proforma
Total Rate Base	\$5,237,474	\$9,966,564
Equity Component of Cost of Capital	<u>4.07%</u>	<u>3.61%</u>
Operating Net Income Required	\$213,336	\$360,198
Tax Multiplier (Schedule 5A)	<u>79,238</u>	<u>133,786</u>
Income Required before Income Taxes	\$292,574	\$493,984
Less: NH Business Profits Tax @ 7.7%	<u>22,528</u>	<u>38,037</u>
Income subject to Federal Taxes	\$270,046	\$455,947
Less: Federal Income Tax @ 21%	<u>56,710</u>	<u>95,749</u>
Income after Income Taxes	<u>\$213,336</u>	<u>\$360,198</u>



# Hampstead Area Water Company

Schedule 1C

## Effective Tax Factor

Taxable Income	100.00%
Less: NH Business Profits Tax	<u>7.70%</u>
Federal Taxable Income	92.30%
Federal Income Tax Rate	<u>21.00%</u>
Effective Federal Income Tax Rate	19.38%
Add: NH Business Profit Tax	<u>7.70%</u>
Effective Tax Rate	<u>27.08%</u>
Percent of Income Available if No Tax	100.00%
Effective Tax Rate	<u>27.08%</u>
Percent Used as a Divisor in Determining the Revenue Requirement	<u>72.92%</u>
Tax Multiplier	<u>37.14%</u>

## Balance Sheet - Assets and Other Debits

Line No.	Account Title (Number) (a)	Actual 2019 Year End Balance (b)	Actual 2018 Year End Balance (c)	Actual 2017 Year End Balance (d)
<b>UTILITY PLANT</b>				
1	Utility Plant (101-106)	\$ 19,855,659	\$ 17,673,198	\$ 17,298,401
2	Less: Accumulated Depr. and Amort. (108-110)	\$ 7,375,714	\$ 6,976,995	6,547,479
3	Net Plant	\$ 12,479,945	\$ 10,696,203	\$ 10,750,922
4	Utility Plant Acquisition Adj. (Net) (114-115)	1,388	1,472	
5	Total Net Utility Plant	\$ 12,481,333	\$ 10,697,675	\$ 10,750,922
<b>OTHER PROPERTY AND INVESTMENTS</b>				
6	Nonutility Property (121)			
7	Less: Accumulated Depr. and Amort. (122)			
8	Net Nonutility Property			
9	Investment in Associated Companies (123)			
11	Utility Investments (124)			
12	Other Investments			
13	Special Funds(126-128)			
14	Total Other Property & Investments	\$ -	\$ -	\$ -
<b>CURRENT AND ACCRUED ASSETS</b>				
16	Cash (131)	40,520	269,128	709,320
17	Special Deposits (132)			
18	Other Special Deposits (133)			
19	Working Funds (134)			
20	Temporary Cash Investments (135)			
21	Accounts and Notes Receivable-Net (141-144)	307,114	223,980	237,690
22	Accounts Receivable from Assoc. Co. (145)			
23	Notes Receivable from Assoc. Co. (146)			
24	Materials and Supplies (151-153)	37,237	82,646	33,240
25	Stores Expense (161)			
26	Prepayments-Other (162)	33,768	23,262	21,518
27	Prepaid Taxes (163)	37,610	38,641	47,877
28	Interest and Dividends Receivable (171)			
29	Rents Receivable (172)			
30	Accrued Utility Revenues (173)	129,220	137,399	117,847
31	Misc. Current and Accrued Assets (174)			
32	Total Current and Accrued Assets	\$ 585,469	\$ 775,056	\$ 1,167,492
<b>DEFERRED DEBITS</b>				
32	Unamortized Debt Discount & Expense (181)	55,964	35,179	36,353
33	Extraordinary Property Losses (182)			
34	Prelim. Survey & Investigation Charges (183)			
35	Clearing Accounts (184)			
36	Temporary Facilities (185)			
37	Miscellaneous Deferred Debits (186)	1,163,245	451,495	153,320
38	Research & Development Expenditures (187)			
39	Accumulated Deferred Income Taxes (190)	10,711	12,004	13,297
40	Total Deferred Debits	\$ 1,229,920	\$ 498,678	\$ 202,970
<b>TOTAL ASSETS AND OTHER DEBITS</b>				
		\$ 14,296,722	\$ 11,971,409	\$ 12,121,384

## Balance Sheet - Equity Capital and Liabilities

Line No.	Account Title (Number) (a)	Actual 2019 Year End Balance (b)	Actual 2018 Year End Balance (c)	Actual 2017 Year End Balance (d)
<b>EQUITY CAPITAL</b>				
1	Common Stock Issued (201)	\$ 16,767	\$ 16,767	\$ 16,767
2	Preferred Stock Issued (204)			
3	Capital Stock Subscribed (202,205)			
4	Stock Liability for Conversion (203, 206)			
5	Premium on Capital Stock (207)			
6	Installments Received On Capital Stock (208)			
7	Other Paid-In Capital (209,211)	4,054,354	3,554,354	3,154,354
8	Discount on Capital Stock (212)			
9	Capital Stock Expense(213)			
10	Retained Earnings (214-215)	(949,024)	(897,056)	(759,974)
11	Reacquired Capital Stock (216)			
12	Total Equity Capital	\$ 3,122,097	\$ 2,674,065	\$ 2,411,147
<b>LONG TERM DEBT</b>				
13	Bonds (221)			
14	Reacquired Bonds (222)			
15	Advances from Associated Companies (223)			
16	Other Long-Term Debt (224)	4,504,424	3,658,170	3,893,007
17	Total Long-Term Debt	\$ 4,504,424	\$ 3,658,170	\$ 3,893,007
<b>CURRENT AND ACCRUED LIABILITIES</b>				
18	Accounts Payable (231)	143,888	30,042	17,494
19	Notes Payable (232)			
20	Accounts Payable to Associated Co. (233)	156,209	44,093	48,471
21	Notes Payable to Associated Co. (234)			
22	Customer Deposits (235)	6,569	7,636	8,437
23	Accrued Taxes (236)	2,261	5,486	3,005
24	Accrued Interest (237)			
25	Accrued Dividends (238)			
26	Matured Long-Term Debt (239)			
27	Matured Interest (240)			
28	Misc. Current and Accrued Liabilities (241)	28,634	28,226	27,236
29	Total Current and Accrued Liabilities	\$ 337,561	\$ 115,483	\$ 104,643
<b>DEFERRED CREDITS</b>				
30	Unamortized Premium on Debt (251)			
31	Advances for Construction (252)			
32	Other Deferred Credits (253)	898,404		
33	Accumulated Deferred Investment Tax Credits (255)			
34	<b>Accumulated Deferred Income Taxes:</b>			
35	Accelerated Amortization (281)			
36	Liberalized Depreciation (282)	67,854	56,578	48,621
37	Other (283)			
38	Total Deferred Credits	\$ 966,258	\$ 56,578	\$ 48,621
<b>OPERATING RESERVES</b>				
39	Property Insurance Reserve (261)			
40	Injuries and Damages Reserve (262)			
41	Pensions and Benefits Reserves (263)	(64)	16,451	7,733
42	Miscellaneous Operating Reserves (265)			
43	Total Operating Reserves	\$ (64)	\$ 16,451	\$ 7,733
<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>				
44	Contributions In Aid of Construction (271)	9,239,980	9,109,850	9,142,476
45	Accumulated Amortization of C.I.A.C. (272)	3,873,534	3,659,188	3,486,243
46	Total Net C.I.A.C.	\$ 5,366,446	\$ 5,450,662	\$ 5,656,233
46	<b>TOTAL EQUITY CAPITAL AND LIABILITIES</b>	\$ 14,296,722	\$ 11,971,409	\$ 12,121,384

Hampstead Area Water Company

Schedule 3

Rate Base

Line No.	Account Title (a)	December 2018 Balance (b)	January 2019 Balance (c)	February 2019 Balance (d)	March 2019 Balance (e)	April 2019 Balance (f)	May 2019 Balance (g)	June 2019 Balance (h)	July 2019 Balance (i)	August 2019 Balance (j)	September 2019 Balance (k)	October 2019 Balance (l)	November 2019 Balance (m)	December 2019 Balance (n)	Actual 13 Month Avg Bal (o)	2019 Proforma Adjustments (p)	2019 Proforma Balance (q)
1	Plant in Service	\$17,409,617	\$17,416,668	\$17,417,968	\$17,421,362	\$17,427,161	\$17,444,336	\$17,447,337	\$17,497,247	\$17,523,671	\$17,789,129	\$17,790,704	\$17,792,253	\$17,807,797	\$17,552,712	\$8,451,806	\$26,004,518
2	Less: Accumulated Depreciation	(6,976,995)	(7,020,896)	(7,065,746)	(7,108,290)	(7,105,789)	(7,189,514)	(7,223,565)	(7,260,575)	(7,293,199)	(7,231,133)	(7,276,258)	(7,321,308)	(7,375,714)	(7,188,383)	(361,178)	(7,549,561)
3	Net Utility Plant	10,432,622	10,395,772	10,352,222	10,313,072	10,321,372	10,254,822	10,223,772	10,236,672	10,230,472	10,557,996	10,514,446	10,470,945	\$10,432,083	\$10,364,328	\$8,090,629	\$18,454,957
4	Material and Supplies	82,237	95,736	99,211	98,951	117,902	115,438	91,442	87,467	66,191	41,028	45,331	43,305	37,237	78,575	(41,338)	37,237
5	Miscellaneous Deferred Debits	75,603	75,378	75,150	74,925	74,697	74,472	74,244	74,019	73,791	73,213	72,809	72,408	72,005	74,055	88,834	162,889
6	Accumulated Deferred Income Taxes - Assets	12,004	11,896	11,789	11,681	11,573	11,465	11,358	11,250	11,142	11,034	10,927	10,819	10,711	11,358	1,395,041	1,406,399
7	Accumulated Deferred Income Taxes - Liabilities	(56,578)	(56,578)	(56,578)	(56,578)	(56,578)	(56,578)	(56,578)	(56,578)	(56,578)	(56,578)	(56,578)	(56,578)	(67,854)	(57,445)	(10,409)	(67,854)
8	Contribution in Aid of Construction	(9,109,850)	(9,109,651)	(9,109,651)	(9,229,976)	(9,229,800)	(9,228,920)	(9,228,653)	(9,228,596)	(9,224,910)	(9,223,980)	(9,222,980)	(9,415,095)	(9,239,980)	(9,215,542)	(5,078,843)	(14,294,385)
9	Accumulated Amortization of CIAC	3,659,188	3,677,489	3,695,989	3,714,489	3,732,813	3,750,433	3,768,666	3,787,109	3,801,923	3,818,199	3,835,699	3,854,199	3,873,534	3,766,902	205,286	3,972,189
10	Rate Base	5,095,226	5,090,042	5,068,132	4,926,564	4,971,979	4,921,132	4,884,251	4,911,343	4,902,031	5,220,912	5,199,654	4,980,003	5,117,736	5,022,231	4,649,200	9,671,431
11	Cash Working Capital *														215,243	79,890	295,133
12	Total Rate Base	\$5,095,226	\$5,090,042	\$5,068,132	\$4,926,564	\$4,971,979	\$4,921,132	\$4,884,251	\$4,911,343	\$4,902,031	\$5,220,912	\$5,199,654	\$4,980,003	\$5,117,736	\$5,237,474	\$4,729,090	\$9,966,564
13	*The actual 13 month average balance for cash working capital is the December 2019 balance.																
14																	

Hampstead Area Water Company

Schedule 3A

Miscellaneous Deferred Debits

Line No.	Account Title (a)	December 2018 Balance (b)	January 2019 Balance (c)	February 2019 Balance (d)	March 2019 Balance (c)	April 2019 Balance (e)	May 2019 Balance (f)	June 2019 Balance (g)	July 2019 Balance (h)	August 2019 Balance (i)	September 2019 Balance (j)	October 2019 Balance (k)	November 2019 Balance (l)	December 2019 Balance (m)	Actual 13 Month Avg Bal (n)	2019 Proforma Adjustments (o)	2019 Proforma Balance (p)
1	Dearborn Well	\$ 11,604	\$ 11,513	\$ 11,421	\$ 11,330	\$ 11,238	\$ 11,147	\$ 11,055	\$ 10,964	\$ 10,872	\$ 10,781	\$ 10,689	\$ 10,598	\$ 10,507	\$ 11,055	\$ (548)	\$ 10,507
2	Bryant Wood Well	4,506	4,471	4,435	4,400	4,364	4,329	4,293	4,258	4,222	4,187	4,151	4,116	4,080	4,293	(213)	4,080
3	Rainbow Ridge Extension	\$ 11,751	\$ 11,681	\$ 11,611	\$ 11,541	\$ 11,471	\$ 11,401	\$ 11,331	\$ 11,261	\$ 11,191	\$ 11,121	\$ 11,051	\$ 10,981	\$ 10,911	\$ 11,331	(420)	\$ 10,911
4	Little River Purchase	5,394	5,365	5,335	5,306	5,276	5,247	5,217	5,188	5,158	5,129	5,099	5,070	5,040	5,217	(177)	5,040
5	Village Drive Well replacement	20,230	20,230	20,230	20,230	20,230	20,230	20,230	20,230	20,230	20,061	19,977	19,893	19,809	20,139	(330)	19,809
6	Eastwood Well replacement	22,118	22,118	22,118	22,118	22,118	22,118	22,118	22,118	22,118	21,934	21,842	21,750	21,658	22,019	(361)	21,658
7	Total Miscellaneous Deferred Debits	\$ 75,603	\$ 75,378	\$ 75,150	\$ 74,925	\$ 74,697	\$ 74,472	\$ 74,244	\$ 74,019	\$ 73,791	\$ 73,213	\$ 72,809	\$ 72,408	\$ 72,005	\$ 74,055	\$ (2,050)	\$ 72,005
8	Woodland Pond															11,614	\$ 11,614
9	Jesse Page															79,270	\$ 79,270
																88,834	\$ 162,889

**Rate Base Adjustments**

**Plant in Service**

26	12/31/19 Plant in Service	\$ 17,807,797
	12/31/19 13 Month Average Plant in Service	<u>17,552,712</u>
	12/31/19 Plant in Service Proforma Adjustment	<u>\$ 255,085</u>
	To adjust plant in service to year end plant in service	
27	12/31/19 Plant in Service adjusted for Atkinson Tank	\$ 19,648,043
	12/31/19 Plant in Service	<u>17,807,797</u>
	12/31/19 Plant in Service Proforma Adjustment	<u>\$ 1,840,246</u>
	To adjust year end plant in service for Atkinson Tank	
28	12/31/19 Plant in Service adjusted for SNHRWIP	\$ 25,713,636
	12/31/19 Plant in Service adjusted for Atkinson Tank	<u>19,648,043</u>
	12/31/19 Plant in Service Proforma Adjustment	<u>\$ 6,065,593</u>
	To adjust year end plant in service for SNHRWIP	
29	12/31/19 Plant in Service adjusted for net retired pump station	\$ 25,622,752
	12/31/19 Plant in Service adjusted for SNHRWIP	<u>25,713,636</u>
	12/31/19 Plant in Service Proforma Adjustment	<u>\$ (90,884)</u>
	To adjust year end plant in service for NBV of retired plant at Woodland Pond & Jesse Page	
30	12/31/19 Plant in Service adjusted for Other Plant	\$ 26,004,518
	12/31/19 Plant in Service adjusted for SNHRWIP	<u>25,713,636</u>
	12/31/19 Plant in Service Proforma Adjustment	<u>\$ 290,882</u>
	To adjust year end plant in service for SNHRWIP	
	Total adjustment to Plant in Service	<u><b>\$ 8,451,806</b></u>

**Accumulated Depreciation**

31	12/31/19 Accumulated Depreciation	\$ (7,375,714)
	12/31/19 13 Month Average Accumulated Depreciation	<u>(7,188,383)</u>
	12/31/19 Accumulated Depreciation Proforma Adjustment	<u>\$ (187,331)</u>
	To adjust AD to year end AD	
32	12/31/19 Accumulated Depreciation w/add'l half year depr	\$ (7,395,384)
	12/31/19 Accumulated Depreciation	<u>(7,375,714)</u>
	12/31/19 Accumulated Depreciation Proforma Adjustment	<u>\$ (19,670)</u>
	To adjust AD for add'l half year depreciation	
33	12/31/19 Accumulated Depreciation for Atkinson Tank	<b>\$ (7,415,925)</b>
	12/31/19 Accumulated Depreciation	<u>(7,395,384)</u>
	12/31/19 Accumulated Depreciation Proforma Adjustment	<u>\$ (20,541)</u>
	To adjust AD for add'l half year depreciation	

**Schedule 3B**  
**Page 1 of 3**

34	12/31/19 Accumulated Depreciation for SNHRWIP	\$ (7,544,654)
	12/31/19 Accumulated Depreciation for Atkinson Tank	(7,415,925)
	12/31/19 Accumulated Depreciation Proforma Adjustment	<u>\$ (128,729)</u>
	To adjust AD for add'l half year depreciation	
35	12/31/19 Accumulated Depreciation for Other plant	\$ (7,549,561)
	12/31/19 Accumulated Depreciation for Atkinson Tank	(7,544,654)
	12/31/19 Accumulated Depreciation Proforma Adjustment	<u>\$ (4,907)</u>
	To adjust AD for add'l half year depreciation	
	12/31/19 Total Accumulated Depreciation	<u>\$ (361,178)</u>
	<b>Material &amp; Supplies</b>	
36	12/31/19 Material & Supplies	\$ 37,237
	12/31/19 13 Month Average Material & Supplies	<u>78,575</u>
	12/31/19 Material & Supplies Proforma Adjustment	<u>\$ (41,338)</u>
	To adjust M&S to year end balance	
	<b>Miscellaneous Deferred Debits</b>	
37	12/31/19 Misc Def Dr	\$ 72,005
	12/31/19 13 Month Average Misc Def Dr	<u>74,055</u>
	12/31/19 Misc Def Dr Proforma Adjustment	<u>\$ (2,050)</u>
	To adjust Misc Def Dr to year end balance	
38	12/31/19 Misc Def Dr adjusted for retired pump stations	\$ 162,889
	12/31/19 13 Misc Def Dr	<u>72,005</u>
	12/31/19 Misc Def Dr Proforma Adjustment	<u>\$ 90,884</u>
	To transfer NBV of retired plant to misc def dr for recovery / amortization	
	12/31/19 Miscellaneous Deferred Debits	<u>\$ 88,834</u>
	<b>Accumulated Deferred Income Taxes - Assets</b>	
39	12/31/19 ADIT - Assets	\$ 10,711
	12/31/19 13 Month ADIT - Assets	<u>11,358</u>
	12/31/19 ADIT Assets Adjustment	<u>\$ (647)</u>
	To adjust ADIT - Assets to year end balance	
	<b>Accumulated Deferred Income Taxes - Assets</b>	
40	12/31/19 ADIT - Assets	\$ 1,405,752
	12/31/19 13 Month ADIT - Assets	<u>10,711</u>
	12/31/19 ADIT Assets Adjustment	<u>\$ 1,395,041</u>
	To adjust ADIT - Assets to year end balance	
	<b>Accumulated Deferred Income Taxes - Liabilities</b>	
41	12/31/19 ADIT - Liabilities	\$ (67,854)
	12/31/19 13 Month ADIT - Liabilities	<u>(57,445)</u>
	12/31/19 ADIT Liabilities Adjustment	<u>\$ (10,409)</u>
	To adjust ADIT - Liabilities to year end balance	

<b>Contribution in Aid of Construction ("CIAC")</b>		
42	12/31/19 CIAC	\$ (9,239,980)
	12/31/19 13 Month Average CIAC	<u>(9,215,542)</u>
	12/31/19 CIAC Proforma Adjustment	<u>\$ (24,438)</u>
	To adjust CIAC to year end CIAC	
43	12/31/19 CIAC adjusted for CIAC Atkinson Tank	\$(10,223,648)
	12/31/19 CIAC	<u>(9,239,980)</u>
	12/31/19 CIAC Proforma Adjustment	<u>\$ (983,668)</u>
	To adjust year end CIAC for Atkinson Tank	
44	12/31/19 CIAC adjusted for CIAC SNHRWIP	\$(14,294,385)
	12/31/19 CIAC adjusted for CIAC Atkinson Tank	<u>(10,223,648)</u>
	12/31/19 CIAC Proforma Adjustment	<u>\$ (4,070,737)</u>
	To adjust year end CIAC for Atkinson Tank	
	<b>Total adjustment to CIAC</b>	<b><u>\$ (5,078,843)</u></b>
<b>Accumulated Amortization of CIAC</b>		
45	12/31/19 Accumulated Amortization CIAC	\$ 3,873,534
	12/31/19 13 Month Average A/A of CIAC	<u>3,766,902</u>
	12/31/19 A/A of CIAC Proforma Adjustment	<u>\$ 106,632</u>
	To adjust AA of CIAC to year end AA of CIAC	
46	12/31/19 Accumulated Amortization w/add'l half year depr	\$ 3,875,038
	12/31/19 Accumulated Amortization CIAC	<u>3,873,534</u>
	12/31/19 Accumulated Amortization Proforma Adjustment	<u>\$ 1,504</u>
	To adjust AA of CIAC for add'l half year amortization of CIAC	
47	12/31/19 Accumulated Amortization of CIAC for Atkinson Tank	\$ 3,886,026
	12/31/19 Accumulated Amortization w/add'l half year depr	<u>3,875,038</u>
	12/31/19 Accumulated Amortization Proforma Adjustment	<u>\$ 10,988</u>
	To adjust AA of CIAC for Atkinson Tank	
48	12/31/19 Accumulated Amortization of CIAC for SNHRWIP	\$ 3,972,189
	12/31/19 Accumulated Amortization of CIAC for Atkinson Tank	<u>3,886,026</u>
	12/31/19 Accumulated Amortization Proforma Adjustment	<u>\$ 86,163</u>
	To adjust AA of CIAC for Atkinson Tank	
	<b>12/31/19 Total Accumulated Amortization of CIAC</b>	<b><u>\$ 205,286</u></b>



**Atkinson Tank**

**Plant / Depreciation Expense / Accumulated Depreciation**

		Costs	CIAC Tax allocated to Plant	Adjusted Costs	Depr Rate	Annual Depr Expense	Accum Depr
303	Easement Deed	\$ 53,351	\$ 9,030	\$ 62,381	2.00%	\$ 1,248	\$ 624
304	Structures - Pump Station and Site Work	157,844	26,715	184,559	2.50%	4,614	2,307
330	Distribution Storage Tank	1,303,745	220,659	1,524,404	2.22%	33,842	16,921
331	T&D Mains	52,615	8,905	61,520	2.00%	1,230	615
335	Hydrants	6,314	1,069	7,383	2.00%	148	74
	<b>Total</b>	<b>\$ 1,573,869</b>	<b>\$ 266,377</b>	<b>\$ 1,840,246</b>		<b>\$ 41,081</b>	<b>\$ 20,541</b>

**CIAC / Amortization Expense / Accumulated Amortization**

		CIAC	Amort Rate	Annual Amort of CIAC	Accum Amort of CIAC
303	Easement Deed	\$ 33,344	2.00%	\$ 667	\$ 333
304	Structures - Pump Station and Site Work	98,653	2.50%	2,466	1,233
330	Distribution Storage Tank	814,841	2.22%	18,108	9,054
331	T&D Mains	32,884	2.00%	658	329
335	Hydrants	3,946	2.00%	79	39
	<b>Total</b>	<b>\$ 983,668</b>		<b>\$ 21,978</b>	<b>\$ 10,988</b>

Note: 62.5% per Grant Agreement.

**Calculation of CIAC Tax**

A	B	C	E	H
		CIAC	Comb Tax Rate	CIAC Tax F-G
303	Easement Deed	\$ 33,344	0.2708	\$ 9,030
304	Structures - Pump Station and Site Work	98,653	0.2708	26,715
330	Distribution Storage Tank	814,841	0.2708	220,659
331	T&D Mains	32,884	0.2708	8,905
335	Hydrants	3,946	0.2708	1,069
	<b>Total</b>	<b>\$ 983,668</b>		<b>\$ 266,377</b>

**State Utility Property Taxes and Town of Atkinson Property Taxes**

State Utility Property Taxes

Total Increase in Plant	\$ 1,840,246
Total Increase in Accum Depr & Amort	20,541
Net Total Increase in Plant	<u>\$ 1,819,706</u>
Total Increase in Plant per Thousands	\$ 1,819.71
Tax Value as % of Net Book Value	<b>43.52%</b>
State Utility Property Tax Rate	<u>6.60</u>
Total Increase in State Utility Property Taxes	<u>\$ 5,227</u>

Town of Atkinson Property Taxes

Total Increase in Plant	\$ 1,840,246
Total Increase in Accum Depr & Amort	20,541
Net Total Increase in Plant	<u>\$1,819,706</u>
Total Increase in Plant per Thousands	\$ 1,819.71
Tax Value as % of Net Book Value	43.52%
Town of Atkinson Property Tax Rate	<b>16.06</b>
Total Increase in Town of Atkinson Property Taxes	<u>\$ 12,718</u>

Total State Utility and Town of Atkinson Property Taxes **\$ 17,945**

NHDRA Assessed value as of 4/1/19 **\$12,479,945**  
 Net Plant at 12/31/19 12,479,945  
 Percent of assessed value to net plant 100.00%

SNHRWIP

Plant / Accumulated Depreciation / Depreciation Expense

PUC Acct. No.	Description	Costs	CIAC Tax allocated to Plant	Adjusted Costs	Depr. Rate	Depreciation Expense	Accum Depr.
<u>Chloramines Conversion Facility</u>							
304	Structures	\$ 473,333	\$ 128,179	\$ 601,512	2.50%	\$ 15,038	\$ 7,519
311	Pumping Equipment	246,667	66,797	313,464	10.00%	31,346	15,673
320	Treatment Equipment	396,667	107,417	504,084	3.60%	18,147	9,074
331	T&D Mains	123,333	33,399	156,732	2.00%	3,135	1,567
	Total	\$ 1,240,000	\$ 335,792	\$ 1,575,792		\$ 67,666	\$ 33,833
<u>Main St. Pressure Reducing Station</u>							
304	Structures	\$ 310,000	83,948	\$ 393,948	2.50%	\$ 9,849	\$ 4,924
311	Pumping Equipment	250,000	67,700	317,700	10.00%	31,770	15,885
331	T&D Mains	15,000	4,062	19,062	2.00%	381	191
339	Miscellaneous	133,875	36,253	170,128	5.00%	8,506	4,253
	Total	\$ 708,875	\$ 191,963	\$ 900,838		\$ 50,506	\$ 25,253
<u>Shannon Road Water Main</u>							
331	T&D Mains	\$ 542,526	146,916	\$ 689,442	2.00%	\$ 13,789	\$ 6,894
335	Hydrants	20,000	5,416	25,416	2.00%	508	254
	Total	\$ 562,526	\$ 152,332	\$ 714,858		\$ 14,297	\$ 7,149
<u>Westside Drive Booster Station &amp; Treatment Facility</u>							
303	Easement Deeds	\$ 20,000	5,416	\$ 25,416	5.00%	\$ 1,271	\$ 635
304	Structures	475,000	128,630	603,630	2.50%	15,091	7,545
311	Pumping Equipment	390,000	105,612	495,612	10.00%	49,561	24,781
320	Treatment Equipment	250,000	67,700	317,700	3.60%	11,437	5,719
331	T&D Mains	15,000	4,062	19,062	2.00%	381	191
339	Miscellaneous*	193,875	52,501	246,376	5.00%	12,319	6,159
	Total	\$ 1,343,875	\$ 363,921	\$ 1,707,796		\$ 90,060	\$ 45,030
<u>East Road Water Main</u>							
331	T&D Mains	\$ 215,461	58,347	\$ 273,808	2.00%	\$ 5,476	\$ 2,738
	Total	\$ 215,461	\$ 58,347	\$ 273,808		\$ 5,476	\$ 2,738
<u>Manchester Water Works - MSDC fees</u>							
307	Wells	\$ 892,500		\$ 892,500	3.30%	\$ 29,453	\$ 14,726
	Total	\$ 892,500	\$ -	\$ 892,500		\$ 29,453	\$ 14,726
	Total	\$ 4,963,237	\$ 1,102,356	\$ 6,065,593		\$ 257,458	\$ 128,729

SNHRWIP Financing

CIAC / Accumulated Amortization of CIAC / Amortization of CIAC

PUC Acct. No.	Description	Costs	Amort. Rate	Amort. of CIAC	Accum Amort.
<u>Chloramines Conversion Facility</u>					
304	Structures	\$ 473,333	2.50%	\$ 11,833	\$ 5,917
311	Pumping Equipment	246,667	10.00%	24,667	12,333
320	Treatment Equipment	396,667	3.60%	14,280	7,140
331	T&D Mains	123,333	2.00%	2,467	1,233
	Total	<u>\$ 1,240,000</u>		<u>\$ 53,247</u>	<u>\$ 26,623</u>
<u>Main St. Pressure Reducing Station</u>					
304	Structures	\$ 310,000	2.50%	\$ 7,750	\$ 3,875
311	Pumping Equipment	250,000	10.00%	25,000	12,500
331	T&D Mains	15,000	2.00%	300	150
339	Miscellaneous	133,875			
	Total	<u>\$ 708,875</u>		<u>\$ 33,050</u>	<u>\$ 16,525</u>
Shannon Road Water Main					
331	T&D Mains	\$ 542,526	2.00%	\$ 10,851	\$ 5,425
335	Hydrants	20,000			
	Total	<u>\$ 562,526</u>		<u>\$ 10,851</u>	<u>\$ 5,425</u>
Westside Drive Booster Station & Treatment Facility					
303	Easement Dees	\$ 20,000	5.00%	\$ 1,000	\$ 500
304	Structures	475,000	2.50%	11,875	5,938
311	Pumping Equipment	390,000	10.00%	39,000	19,500
320	Treatment Equipment	250,000	3.60%	9,000	4,500
331	T&D Mains	15,000	2.00%	300	150
339	Miscellaneous	193,875	5.00%	9,694	4,847
	Total	<u>\$ 1,343,875</u>		<u>\$ 70,869</u>	<u>\$ 35,434</u>
<u>East Road Water Main</u>					
331	T&D Mains	\$ 215,461	2.00%	\$ 4,309	\$ 2,155
	Total	<u>\$ 215,461</u>		<u>\$ 4,309</u>	<u>\$ 2,155</u>
	Total	<u>\$ 4,070,737</u>		<u>\$ 172,325</u>	<u>\$ 86,163</u>

Calculation of CIAC Tax

A	B	C	D	E
		CIAC	Comb Tax Rate	CIAC Tax
			0.2708	F-G
303	Easement Deed	\$ 20,000	0.2708	\$ 5,416
304	Structures - Pump Station and Site Work	1,258,333	0.2708	340,757
311	Pumping Equipment	886,667	0.2708	240,109
320	Treatment Equipment	646,667	0.2708	175,117
331	T&D Mains	911,320	0.2708	246,785
335	Hydrants	20,000	0.2708	5,416
339	Miscellaneous	327,750	0.2708	88,755
	Total	<u>\$ 4,070,737</u>		<u>\$ 1,102,356</u>

SNHRWIP

Property Taxes

	Chloramines Conversion Facility	Main St. Pressure Reducing Station	Shannon Rd. Main	Westside Booster Treatment Facility	East Rd. Main	MWW MSDC fees	Total Projected Costs
Total Project Costs	\$ 1,575,792	\$ 900,838	\$ 714,858	\$ 1,707,796	\$ 273,808	\$ 892,500	\$ 6,065,593
Accumulated Depreciation	33,833	25,253	7,149	45,030	2,738	14,726	128,729
Net Plant	<u>\$ 1,541,959</u>	<u>\$ 875,585</u>	<u>\$ 707,709</u>	<u>\$ 1,662,766</u>	<u>\$ 271,070</u>	<u>\$ 877,774</u>	<u>\$ 5,936,864</u>
Thousand Dollars of Assessed Value	\$ 1,542	\$ 876	\$ 708	\$ 1,663	\$ 271	\$ 878	\$ 5,937
Tax Value as % of Net Book Value	43.52%	43.52%	43.52%	43.52%	43.52%	43.52%	43.52%
Combined State and Local Property Tax Rate	\$ 22.66	\$ 22.66	\$ 22.66	\$ 22.66	\$ 22.66	\$ 22.66	\$ 22.66
State and Local Property Taxes	<u>\$ 15,206</u>	<u>\$ 8,635</u>	<u>\$ 6,979</u>	<u>\$ 16,398</u>	<u>\$ 2,673</u>	<u>\$ 8,656</u>	<u>\$ 58,547</u>

Combined State and Local Property Tax Rate:

State	\$ 6.60	\$ 6.60	\$ 6.60	\$ 6.60	\$ 6.60	\$ 6.60	\$ 6.60
Local	<u>16.06</u>	<u>16.06</u>	<u>16.06</u>	<u>16.06</u>	<u>16.06</u>	<u>16.06</u>	<u>16.06</u>
Total	<u>\$ 22.66</u>	<u>\$ 22.66</u>	<u>\$ 22.66</u>	<u>\$ 22.66</u>	<u>\$ 22.66</u>	<u>\$ 22.66</u>	<u>\$ 22.66</u>

**Hampstead Area Water Company**

**Schedule 3F**

**Other Plant**

**Plant / Depreciation Expense / Accumulated Depreciation**

		<u>Costs</u>	<u>Depr Rate</u>	<u>Annual Depr Expense</u>	<u>Accum Depr</u>
Angle Pond					
304	Pump House and Site Work	\$ 20,575	2.50%	\$ 514	\$ 257
307	Wells	135,245	3.33%	4,504	2,252
309	Supply Mains	43,278	2.00%	866	433
311	Pumping Equipment	10,820	10.00%	1,082	541
320	Treatment Equipment (filtrators, etc.)	54,098	3.60%	1,948	974
	<b>Total</b>	<b>\$ 264,016</b>		<b>\$ 8,913</b>	<b>\$ 4,457</b>
Dearborn Ridge					
307	Wells	24,366	3.33%	\$ 811	\$ 406
320	Treatment Equipment (filtrators, etc.)	2,500	3.60%	90	45
	<b>Total</b>	<b>\$ 26,866</b>		<b>\$ 901</b>	<b>\$ 451</b>
	<b>Total</b>	<b>\$ 290,882</b>		<b>\$ 9,815</b>	<b>\$ 4,907</b>

**State Utility Property Taxes and Town of Atkinson Property Taxes**

State Utility Property Taxes

Total Increase in Plant	\$ 290,882
Total Increase in Accum Depr & Amort	4,907
Net Total Increase in Plant	<u>\$285,975</u>
Total Increase in Plant per Thousands	\$285.97
Tax Value as % of Net Book Value	<b>43.52%</b>
State Utility Property Tax Rate	<u>6.60</u>
Total Increase in State Utility Property Taxes	<u>\$ 821</u>

Town of Atkinson Property Taxes

Total Increase in Plant	\$ 290,882
Total Increase in Accum Depr & Amort	4,907
Net Total Increase in Plant	\$285,975
Total Increase in Plant per Thousands	\$285.97
Tax Value as % of Net Book Value	43.52%
Town of Atkinson Property Tax Rate	<b>16.06</b>
Total Increase in Town of Atkinson Property Taxes	<u>\$ 1,999</u>

Total State Utility and Town of Atkinson Property Taxes

**\$ 2,820**

NHDRA Assessed value as of 4/1/19

**\$12,479,945**

Net Plant at 12/31/19

12,479,945

Percent of assessed value to net plant

100.00%

**Hampstead Area Water Company****Schedule 3G****Working Capital**

	2019 Proforma <u>Amount</u>	2019 Actual <u>Amount</u>	2018 Actual <u>Amount</u>	2017 Actual <u>Amount</u>
Operating and Maintenance Expenses	\$2,393,614	\$1,745,684	\$1,582,686	\$1,180,014
Cash Working Capital Factor (45/365)	<u>0.1233</u>	<u>0.1233</u>	<u>0.1233</u>	<u>0.1233</u>
Working Capital	<u>\$295,133</u>	<u>\$215,243</u>	<u>\$195,145</u>	<u>\$145,496</u>

Rate of Return Information

Overall Rate of Return	Actual				Proforma		
	Component Ratio	Component Cost Rate	Wght Avg Cost Rate		Component Ratio	Component Cost Rate	Wght Avg Cost Rate
Equity Capital	40.94%	9.95%	4.07%		34.62%	10.44%	3.61%
Long Term Debt	59.06%	2.88%	1.70%		65.38%	2.98%	1.95%
Total Capital	100.00%		5.78%		100.00%		5.56%

Capital Structure	2019 Actual Amounts	2019 Actual Ratios		2019 Proforma Amounts	2019 Proforma Ratios
Common Stock	\$ 16,767	0.22%		\$ 16,767	0.17%
Other Paid in Capital	4,054,354	53.16%		4,354,354	44.05%
Retained Earnings	(949,024)	-12.44%		(949,024)	-9.60%
Total Equity	\$ 3,122,097	40.94%		\$ 3,422,097	34.62%
Long Term Debt	\$4,504,424	59.06%		\$6,463,358	65.38%
Total Capital	\$ 7,626,521	100.00%		\$ 9,885,455	100.00%

Capital Structure for 2019 - 2017	2019 Amounts		2018 Amounts		2017 Amounts
Common Stock	\$ 16,767		\$ 16,767		\$ 16,767
Other Paid in Capital	4,054,354		3,554,354		3,154,354
Retained Earnings	(949,024)		(897,056)		(759,974)
Total Equity	\$ 3,122,097		\$ 2,674,065		\$ 2,411,147
Long Term Debt	\$4,504,424		\$ 3,658,170		\$ 3,893,007
Total Capital	\$ 7,626,521		\$ 6,332,235		\$ 6,304,154

<b>Capital Structure Ratios for 2019 - 2017</b>		2019 Ratios		2018 Ratios		2017 Ratios
Common Stock		0.22%		0.26%		0.27%
Other Paid in Capital		53.16%		56.13%		50.04%
Retained Earnings		-12.44%		-14.17%		-12.06%
Total Equity		40.94%		42.23%		38.25%
Long Term Debt		59.06%		57.77%		61.75%
Total Capital		100.00%		100.00%		100.00%

<b>Cost of Common Equity Capital</b>
The Company is utilizing the Commission determined cost of common equity of 9.69% plus .50% for rate case expense savings adder, plus .00% for capital structure adder, plus .25% for exemplary performance adder.



HAMPSTEAD AREA WATER COMPANY  
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Schedule 5A

Date of Note	Borrower	GL Acct. #	Lender	Original Note Amount	Note Term	Interest Rate	Current Interest Rate	Outstanding Balance 12/31/19	Outstanding Balance 12/31/18	Interest Expense 2019	Total Cost Rate
3/13/19	HAWC	232.02	Pentucket Bank	1,000,000	Demand	Prime	4.75%	450,000	0	11,525	2.56%
TBD	HAWC	232.05	NH DES	up to 1,020,000	30 yrs	3.38%	3.38%	681,000	0	0	0.00%
9/6/05	HAWC	232.06	NH DES	1,315,291	20 yrs	3.35%	3.35%	643,586	711,777	22,672	0.00%
3/31/06	HAWC	232.08	Aquarius Properties LLC	24,000	20 yrs	P+2.25%	5.50%	12,034	13,281	986	8.19%
6/24/09	HAWC	232.11	NH DES	1,058,347	20 yrs	2.86%	2.86%	681,790	731,572	20,302	2.98%
11/18/16	HAWC	232.12	Ford Motor Credit	38,174	5 yrs	4.89%	4.89%	15,786	22,848	900	0.00%
6/26/12	HAWC	232.13	Shribco Realty Two, LLC	12,000		0.00%	0.00%	3,000	3,000	0	0.00%
10/8/18	HAWC	232.14	Ford Motor Credit	41,500	5 yrs	4.90%	4.90%	32,895	40,516	1,857	5.65%
8/2/13	HAWC	232.16	NH DES	255,000	20 yrs	3.10%	3.10%	203,430	214,066	6,494	3.19%
10/28/14	HAWC	232.18	Hillcrest Estates LLC	34,000		0.000%	0.000%	0	17,000	0	0.00%
9/15/16	HAWC	232.19	Pentucket Bank	2,167,000	15 yrs	3.25%	3.25%	1,780,905	1,904,110	60,895	3.42%
Total Non-related				<u>5,945,312</u>				<u>4,504,424</u>	<u>3,658,170</u>	125,631	2.79%
Amortize financing costs - 3rd parties										4,249	
Total 3rd Parties										<u>129,880</u>	2.88%
Company Totals				<u>5,945,312</u>				<u>4,504,424</u>	<u>3,658,170</u>	<u>129,880</u>	

HAMPSTEAD AREA WATER COMPANY  
LONG-TERM DEBT  
12/31/2019

Schedule 5B

Date of Note	Borrower	GL Acct. #	Lender	Original Note Amount	Note Term	Interest Rate	Current Interest Rate	Actual Outstanding Balance 12/31/19	Adjustments	Pro Forma Outstanding Balance 12/31/19	Actual Interest Expense 12/31/19	Adjustments	Pro Forma Interest Expense 12/31/19	Total Cost Rate
3/13/19	HAWC	232.02	Pentucket Bank	1,000,000	Demand	Prime	4.75%	450,000		450,000	11,525		11,525	2.56%
TBD	HAWC	232.05	NH DES	up to 1,020,000	30 yrs	3.38%	3.38%	681,000		681,000	-		-	0.00%
9/6/05	HAWC	232.06	NH DES	1,315,291	20 yrs	3.35%	3.35%	643,586		643,586	22,672		22,672	3.52%
3/31/06	HAWC	232.08	Aquarius Properties LLC	24,000	20 yrs	P+2.25%	5.50%	12,034		12,034	986		986	8.19%
6/24/09	HAWC	232.11	NH DES	1,058,347	20 yrs	2.86%	2.86%	681,790		681,790	20,302		20,302	2.98%
11/18/16	HAWC	232.12	Ford Motor Credit	38,174	5 yrs	4.89%	4.89%	15,786		15,786	900		900	5.70%
6/26/12	HAWC	232.13	Shinco Realty Two, LLC	12,000		0.00%	0.00%	3,000		3,000	-		-	0.00%
10/9/18	HAWC	232.14	Ford Motor Credit	41,500	5 yrs	4.90%	4.90%	32,895		32,895	1,857		1,857	5.65%
8/2/13	HAWC	232.16	NH DES	255,000	20 yrs	3.10%	3.10%	203,430		203,430	6,494		6,494	3.19%
10/28/14	HAWC	232.18	Hillcrest Estates LLC	34,000		0.000%	0.000%	-		-	-		-	-
9/15/16	HAWC	232.19	Pentucket Bank PPP Loan	2,167,000	15 yrs	3.25%	3.25%	1,780,905		1,780,905	60,895		60,895	3.42%
			PPP Loan Forgiveness											
			NH DGWTF	856,578	30 yrs	3.38%	3.38%		856,578	856,578	28,952	28,952	28,952	3.38%
			NH State Loan for SNHRWIP	1,102,356	25 yrs	2.96%	2.96%		1,102,356	1,102,356	32,222	32,222	32,222	2.92%
			State/Bank Loan for MSDC fee	392,500	20 yrs	5.00%	5.00%		392,500	392,500	15,359	15,359	15,359	3.91%
	Total Non-related			<u>6,900,814</u>				<u>4,504,424</u>	<u>1,958,934</u>	<u>6,463,358</u>	<u>125,631</u>	<u>61,174</u>	<u>186,805</u>	2.89%
	Amortize financing costs - 3rd parties										4,249	1,301	5,550	
	Total 3rd Parties										<u>129,880</u>	<u>62,475</u>	<u>192,356</u>	2.98%
	Company Totals			<u>6,900,814</u>				<u>4,504,424</u>	<u>1,958,934</u>	<u>6,463,358</u>	<u>129,880</u>	<u>62,475</u>	<u>192,356</u>	2.98%