THE COMMONWEALTH OF MASSACHUSETTS

RETURN

OF

AQUARION WATER COMPANY OF MASSACHUSETTS

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Year Ended December 31, 2012

Name of Officer to whom correspondence should be addressed regarding this report,

Debra Kirven Official Title

Office Address: 600 Lindley Street

Controller

Bridgeport, CT 06606 3 MASS. FIAR 32 rn E. n S ω ŝ

		General information	
	Prie	ncipal and Salaried Officers*	
Trtjes	Narxes	Addresses	Annual Salaries
President Chief Executive Officer	Charles V, Finotle	Aquarion Water Company 835 Main St., Bridgeport, CT 06604	\$368,914.68 • \$19,297.19 charged to MA.
ce President of Operations	Hany C, Hobard	Aquarion Water Company of Massachusetts, Inc. 900 Main SL, Hingham, NA 02018	\$89,266.92 * \$58,554.45 charged to NA.
		terminated July 2012	
ce President of Operations	John Walsh	Aquarion Water Company of Massachusetts, Inc. 900 Main St., Hogham, MA 02018	\$58,991,59 * \$37,592.73 charged to MA.
		hired July 2012	
Executive Vice President, securer, Secretary and Clerk	Donald J. Morrissey	Aquarion Water Company 835 Main St., Bridgeport, CT 06604	\$287,607.05 * \$13,783.66 charged to MA.
Vice President Operations	Howard J. Dunn	Aquarion Water Company 600 Lindley Street Bridgeport, CT 06604	\$204,412.24 * \$0 charged to MA.
Vice President Corporale Communications	Bruce T. Silversione	Aquarion Water Company 835 Ma'n St., Bridgeport, CT 06604	\$155,184.88 * \$0 charged to MA.
		Directors*	· · · ·
Names		Addresses	Fees Paid During Year
Howard J. Dunn		Aquarion Water Company 600 Lindiey St., Bridgeport, CT 06606	\$0
Charles V. Firlottə		Aquarion Water Company 835 Main St., Bridgeport, CT 06604	\$0
Donald J. Morrissey		Aquarion Water Company 835 Main St., Bridgeport, CT 06604	\$0

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Annual Report of Aquarion Water Company	of Massachusetts			Year ei	nded December 31, 2012
		GENERAL INFO	RMATION		
1. Full corporate title company	Aquarion Water Company	of Massachusetts		Telephona No.	(781) 740-6693
2. Location of principal business office	900 Main Street Hingham,	MA 02043			
3. Date of organization	<u>August 9, 1879</u>		4. Date of incorporation	<u>March 21, 1879</u>	
5. Whether incorporated under general or sp	ecial law	Special			
6. If under special law, give chapter and year	ofact	Chapter 139 Act	<u>of 1879</u>		
7. Give chapter and year of any subsequent	special legislation affecting	the Company	Chapters 55	9, 88, 54, 168, 482 of Acts	
1881, 1886, 1910, 1914, and 1924 respective	Ъ.				
8. Territory covered by charter rights	Towns of Hingham, Hull, N	liöbury, Oxford, and	a parts of Cohasset and Norwell		
9. Capital stock authorized by charter,	\$5,000,00	<u>0</u>			
10. Capital stock issued prior to August 1, 191	4,	\$300,000	1		
11. Capital stock issued with approval of Boar August 1, 1914	·	Commissioners or I	•	s since	
37,571 shares of par value of \$	100.00 each		\$3,757,100.00		
12. If additional stock has been issued during on which the same was paid in, and the r				s ou	
NONE					
<u></u>					
13. Management Fees and Expenses during t	hə Year				
List all individuals, associations, corporati	ons or concerns with whom	the company has :	sy contract or anneaned to you	ina	
management or supervision of its affairs s etc. and show the total amount paid to ear	uch as accounting, financin				
Aquarion Company	arter ale year.		\$82,13	31	
Aquarion Water Compa	ny of Connecticut		\$1,329,40	33	
14. Date when Company first began to distrib	ute and sell water		July 3, 1880		
15. Total number of stockholders	One				
18. Number of stockholders resident in Massa	achusettes		NONE		
17 Amount of stock hald in Massachusattas	number of shares	amount	N/A		

200						
Annu	al Report of Aquarion W	ater Company of Massachusetts			Year	ended December 31, 2012
		COMPARATIVE GENERAL BALA	NCE			
	tries in this balance sheet s dit items hereunder should i	hauld be consitent with those in the supporting sch- e in red ink	edule	es on the pages i	ndical	led.
Line	Balance at Beginning	Assets	Bal	ance at close	·····	Net Change During Year
No.	of Year			of Year		in the second second second
	(a)	(b)		(c)		(d)
						(4)
1		INVESTMENTS				
2	\$ 59,858,939	101-113 Plant Investments (p202)	\$	60,794,239	\$	935,300
3	\$ 1,848,512	114-119 General Equipment (p202)	\$	2,006,114	\$	157,602
4		201 Unfinished Construction(p202)	\$	158,525	\$	75,174
5	\$ 1,401	202 Miscellaneous Physical Property (p203)	\$	1,401	\$	-
6	\$ 1,000	203 Other Investments (p203)	\$	7,592		6,592
7	\$ 61,793,203	Total Investments	\$	62,967,871	\$	1,174,668
8	· · · · · · · · · · · · · · · · · · ·	CURRENT ASSETS			-	
9	\$ 44,933	204 Cash	\$	102,498	\$	57,565
10		205 Special Deposits	\$	-	s	- · · · · · · · · · · · · · · · · · · ·
11		206 Notes Receivable	\$	300,000	\$	300,000
12	\$ 1,030,216	207 Accounts Receivable	\$	1,110,974	\$	80,758
13	s -	208 Interest and Dividends Receivable	S	-	\$	
14	\$ 250,496	209 Materials and Supplies	\$	273,232	s	22,736
15	\$ 2,043,613	210 Other Current Assets	\$	2,098,477	\$	54,864
16	\$ 3,369,258	Total Current Assets	\$	3,885,181	\$	515,923
17		RESERVE FUNDS			[_	
18	\$.	211 Sinking Funds	\$	-	\$	-
19		212 Insurance and Other Funds	ŝ	-	\$	-
20	\$.	Total Reserve Funds	\$		Ś	•
21		PREPAID ACCOUNTS			<u> </u>	
22	s -	213 Prepaid Insurance	\$	_	\$	-
23		214 Prepaid Interest	\$	-	Ś	· -
24		215 Other Prepayments	Ś	29,981	\$	(6,989)
25	\$ 36,970	Total Prepaid Accounts	\$	29,981	\$	(6,989)
28		UNADJUSTED DEBITS			- <u>'</u>	
27	\$ 261,421	216 Unamontized Dept Discount Exp (p203)	\$	236,030	5	(25.391)
28		217 Property Abandoned	\$	-	Š	,201001/
29		218 Other Unadjusted Debits (p203)	\$	8,139,348	<u> </u>	(1,084,625)
30	\$ 9,485,394	Total Unadjusted Debits		8,375,378	\$	(1,110,015)
31			Ė		† T	(.,)
32	\$ 74,684,825	GRAND TOTAL	\$	75,258,411	\$	573,587
	,		<u> </u>		<u> </u>	-14/401

Annuai	Report of Aquarion Wa	ter Company of Massachusetts			Year ended December 31, 2012
		COMPARATIVE GENERAL BALAN	ICE	SHEET	
	ries in this balance sheet sh reunder should be in red in	ould be consitent with those in the supporting schedu	les or	n the pages indic	ated. All debit
Line No.	Balance at Beginning of Year	Liabilities	Bal	ance at close of Year	Net Change During Year
	(a)	(b)		(c)	(d)
1		CAPITAL STOCK		····	
2					
3		301 Common Stock (p. 204)	\$	3,757,100	
4		302 Preferred Stock (p. 204)	\$		\$
5		303 Employees' Stock (p. 204)	\$	-	\$
6	\$ 3,757,100	Total Capital Stock	\$	3,767,100	5
7	A 405 400			1 105 150	
8	\$ 1,135,450	304 Premium on Capital Stock	\$	1,135,450	\$
9 10		RONDS COUDON AND LONG TODA NOTIC			
11		BONDS, COUPON AND LONG TERM NOTES			
12	\$ 19.633.001	305 Bonds (p. 204)	\$	19,478,898	\$ (154,1
13		306 Coupon and Long Term Notes (p. 204)	\$	10,470,000	\$
14		Total Bonds, Coupon and Long Term Notes		19,478,898	
15	V 10,000,001	Total Bonds, oospon and Eong Tenn Notes		10,410,030	÷ (104)1
16	·	CURRENT LIABILITIES			
17	\$.	307 Notes Payable (p. 205)	\$		\$
18		308 Accounts Payable	\$	655,088	
19		309 Consumers' Deposits	\$	748	
20		310 Matured Interest Unpaid	\$		\$
21		311 Dividends Declared	\$	-	\$
22		312 Other Current Llabilities	ŝ	-	S
23	\$ 710,479	Total Current Liabilities	\$	655,836	\$ (54,6
24			Ţ		()-
25		ACCRUED LIABILITIES			
26	\$ (91)	313 Tax Liability	\$	(91)	S
27		314 Interest Accrued	\$	150,980	
28		315 Other Accrued Liabilities	\$	102,449	
29	\$ 235,205	Total Accrued Liabilities	\$	253,318	
30			•		
31		UNADJUSTED CREDITS			
32	\$ 67,443	316 Premium on Bonds (p. 205)	\$	61,659	\$ (5,7
33	\$ 9,642,946	317 Other Unadjusted Credits (p. 205)	\$	9,209,304	
34					
35	\$ 9,710,389	Total Unadjusted Credits	\$	9,270,963	\$ (439,4
36					
37		RESERVES			
38	\$-	318 Insurance and Casualty Reserve	\$	-	\$
39		319 Depreciation Reserve (p. 206)	\$	13,982,671	\$ 1,362,8
40		320 Other Reserves	\$	5,187,938	\$ (49,6
41	\$ 17,857,423	Total Reserves	\$	19,170,609	\$ 1,313,1
42					
43		APPROPRIATED SURPLUS			
44	\$ -	321 Sinking Fund Reserves	Ş	•	S
45		323 Contributions for Extensions	\$	12,085,878	\$ (310,3
46	\$ 3,844,050	324 Surplus Invested in Plant	\$	3,844,050	
47	\$ 16,240,281	Total Appropriated Surplus	\$	15,929,928	
48					
49	\$ 5,405,497	400 Profit and Loss Balance (p. 301) +	\$	5,606,309	\$ 200,8
50	\$ 21,645,778	Total Corporate Surplus +	\$	21,636,237	
51	\$ 74,684,825	GRAND TOTAL	\$	76,258,411	

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PLANT INVESTMENT ACCOUNTS

Credits in cotumn (i) for plant, classified in accordance with the prescribed Uniform System of Accounts, the particulars called for by the cotumn headings Credits in cotumn (ii) for plant rested during the year should be fully explained in a footnote. Coi. (e). "Adjustments made during the year, "should be interpreted to mean modifications of entries made in prior accounting periods. When any adjusting entry is made in Col. (e), the credit to the account should be shown in red; in case the amount is transferred to some other account in the same schedule, the debit amount should appear in the same cotumn in black.

Year ended December 31, 2012

When the whole or any part of "Unfinished Construction" is transferred to the Plant accounts, the amounts transferred should appear in Col. (e) in red and the amounts debited should appear in Col. (c) in black.

Line No.	NAME OF ACCOUNT (a)	Balance at Beginning of Year (b)	Additions During Year (c)	Plant Retired During Year (d)	Adjustments During Year (e)	Balance at Close of Year (f)
1	INTANGIBLE PROPERTY				<u> </u>	
2	Organization	82,595	-	•	-	82,595
	Misc. Intangible Invest.		-	•	-	
4	Total Intangible Property	82,595	-			82,595
5	TANGIBLE PROPERTY	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	
6	Land	243,845		· · · ·	-	243,845
7	Structures	15.671,009	7,506	(2,834)	(83,451)	15,692,230
8	Pumping Plant Equipment	1,370,824	132,163	(11,079)	(4,531)	1,487,376
9	Misc. Pumping Plant Equipment	178,836	-	(54,359)	_	124,477
10	Purification System	2,618,095	31,668	(1,488)	(48,025)	2,600,250
11	Trans'n and Dist'n Mains	29,159,494	763,309	(17,693)	(171,523)	29,733,588
12	Services	6,592,032	245,614	(23,328)		6,814,318
13	Consumers' Meters	2,056,050	213,628	(69,178)		2,200,500
14	Consumers' Meter Installation	672,540	· · ·		-1-	672,540
15	Hydrants	453,445	31,745	(2,845)	•	482,346
16	Fire Cistins, Besins, Fountins				-	-
17	Water Rights				-	-
18	Other Trans'n & Dist'n Plant	760,174	•			760,174
19	Miscellaneous Expenditures				-	-
20	Total Plant Investment	59,776,344	1,425,635	(182,805)	(307,530)	60,711,644
21	GENERAL EQUIPMENT					
22	Office Equipment	513,057	16,695			529,752
23	Shop Equipment	308,702	9,956	(276)	-	318,382
24	Stores Equipment	78,133	53,923	-	-	132,056
25	Transportation Equipment	549,429	111,178	(38,649)	-	621,958
28	Laboratory Equipment	52,792	-		•	52,792
27	Miscellaneous Equipment	346,399	4,775	•	-	351,174
28	Total General Equipment	1,848,612	196,527	(38,925		2,008,114
29	Unfinished Construction	83,351	1,389,806	-	(1,314,632)	158,525
30	Total Cost of All Property	61,790,801	3,011,968	(221,730)	(1,622,162)	62,958,877
31	Assessed Value of Real Estate	15,914,853	7,506	(2.834)	(83,451)	15,836,075
32	Assessed Value of Other Property		1,614,656	(218,896)		46,881,684
33	Total Assessed Value	61,624,857	1,622,162			62,717,758

312.21	al Report of Aquarion Water Company of Mass.	achusetts	· · · ·		Year ended December 31, 2012
	ELLANEOUS PHYSICAL PROPERTY				
	Give particulars of all investments of the respondent in	physical property not de	voted to utility operation.		
	DESCRIPTION AND LOCATION OF				
Linê	MISCELLANEOUS PHYSICAL PROPERTY	Book Value	Revenue	Expense	Not Revenue
No.	HELD AT END OF YEAR	at End of Year	for the Year	for the Year	for the Year
_	(a)	(b) \$1,401	(c)	(d)	(8)
1 2	Easement Right-of-Way	\$1,401			\$1,401
ŝ	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			
4					
5	Totals	\$1,401			\$1,401
	Give particulars o		INVESTMENTS s, bonds, etc., held by (a)	the respondent at end of yea	r,
6	Investment in CoBank, ACB	\$1,000.00	\$6,592.00		\$7,592.00
7					
8					
9				Total	\$7,592.00
			I	10121	\$1,932.00
	Give an analysis of the respondent's accordiscount and if the account represents only the expensemounted in or erased. Entries in Col (d) should be consistent with the Profit and Loss,	protection with the issue	, the word "Discount" sho	ould be	
		Unextinguished	Discount on	1	Unextinguished
	NAME OF SECURITY	Discount at	Bonds etc., Issued	 Discount Written off 	Discount at
		Beginning of Year	During Yéar	During Year	Close of Year
	(a)	(b)	(c)	(đ)	(e)
10	General Mig Bonds 7.71%	\$ 35,248		\$2,958	\$ 32,290
	Server al May DURING 1.1110				
	General Lita Roose 9 64%	< 21 4P4			
11 12	General Mtg Bonds 9.64% MA Water Polytion Abatement Trust Loan - 0.0%	\$ 21,484 \$ 34,580		\$ 2,148	\$ 19,335
12 13	General Mig Bonds 9.64% NA Water Polution Abatement Trust Loan - 0.0% CoBank, ACB Swap 4,11%		\$ -		\$ 19,335 \$ 31,695
12 13 14	NA Water Polution Abatement Trust Loan - 0.0% CoBank, ACB Swap 4,11%	\$ 34,580 \$ 170,110		\$ 2,148 \$ 2,985 \$ 17,299	\$ 19,335 \$ 31,695 \$ 152,811
12 13 14	MA Water Polition Abatement Trust Loan - 0.0%	\$ 34,580 \$ 170,110 \$ 89,403	s	\$ 2,148 \$ 2,985 \$ 17,299 \$ 25,391	\$ 19,335 \$ 31,695 \$ 152,811
13 14	NA Water Polution Abatement Trust Loan - 0.0% CoBank, ACB Swap 4,11%	\$ 34,580 \$ 170,110 \$ 99,403 OTHER L cose of year, showing in	NADJUSTED DEBITS	\$ 2,148 \$ 2,685 \$ 17,299 \$ 25,391 S count amounting	\$ 19,335 \$ 31,695 \$ 152,811
12 13 14 15	MA Water Pokuson Abatement Trust Loan - 0.0% CoBank, ACB Swap 4, 11% YOTALS Give an analysis of the abrove-endiced account as of d \$500 or more. Items less than \$500 may be combined \$500," giving the number of Rems thus combined." DESCRIPTION AND CHARACTER OF UNADJUSTED DEBITS Deferred Maintenance Exp.	\$ 34,680 \$ 170,110 \$ 99,403 OTHER L cose of year, showing in in a single erity "Minor Balance et Beginning of Year (b) \$ 1,465	S VINADJUSTED DEBIT: detail each Rem or subac Zemsin number, Amount Added During Year (c) S	\$ 2,148 \$ 2,885 \$ 17,299 \$ 25,391 \$ 25,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,394 \$ 26,394 \$ 26,394 \$ 26,394 \$ 26,394 \$ 1,465	\$ 19335 \$ 31,695 \$ 152,811 \$ 238,030 Balance at Close of Year (e) \$ 0
12 13 14 15 18 18	INA Water Pokuson Abatement Trust Loan - 0.0% CoBank, ACB Sarap 4, 11% TOTALS Give an analysis of the abrows-entited account as of d \$500 cr more. Items less than \$500 may be combined \$500," giving the number of items thus combined DESCRIPTION AND CHARACTER OF UNADJUSTED DEBITS Deferred Maintenance Exp. Deferred Maintenance Exp.	\$ 34,680 \$ 170,110 \$ 99,403 OTHER L cce of year, showing in in a single or by "Miror Balance at Beginning of Year (b) \$ 1,465 \$ 355,888	S S S S	\$ 2,148 \$ 2,885 \$ 17,299 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 26,000 \$ 26,000 \$ 26,000 \$ 26,000 \$ 1,465 \$ 215	\$ 1935 \$ 31,695 \$ 162,811 \$ 238,030 Balance at Close of Year (a) \$ 052,613 \$ 052,633 \$ 055,633
12 13 14 15 16 17 18	NA Water Polycion Abstement Trust Loan - 0.0% CoBank, ACB Swap 4, 11% TOTALS Give an analysis of the abrove-entited account as of of \$500 or more. Rare less than \$500 may be combined \$500," giving the number of Zene thus combined \$500," giving the number of Zene thus combined DESCRIPTION AND CHARACTER OF UNADJUSTED DEBITS Deferred Maintenance Exp. Deferred Taxes	\$ 34,680 \$ 170,110 \$ 99,403 OTHER I 0 cce of year, showing in in a single entry "Minor Balance at Beginning of Year (b) \$ 1.465 \$ 355,693 \$ \$	S VINADJUSTED DEBIT detail each Rem or subac Rams in number, Amounit Added During Year (c) S S 216,373	\$ 2,148 \$ 2,885 \$ 17,229 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 218,491 \$ 218,491	\$ 19,35 \$ 31,693 \$ 152,811 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 38,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030
12 13 14 15 16 17 18 19	NA Water Pokuson Abatement Trust Loan - 0.0% CoBank, ACB Swap 4, 11% YOTALS Give an analysis of the abrove-entited account as of d \$500 or more. Rema less than \$500 may be combined \$500," giving the number of Rema thus combined." DESCRIPTION AND CHARACTER OF UNADJUSTED DEBITS Deferred Maintenance Exp. Deferred Taxes Deferred Pension	\$ 34,680 \$ 170,110 \$ 99,403 OTHER L cee of year, showled in in a single entry "Minor Balance at Beginning of Year (b) \$ 1,465 \$ 355,683 \$ 1,001,097 \$ 227,140	S VINADJUSTED DEBIT: detail each Benn or subac Zerns in number, Amount Added During Year (c) S S 216,373 S 4,708	\$ 2,148 \$ 2,885 \$ 17,289 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 100,678 \$ 190,678	\$ 19.35 \$ 31.695 \$ 162,811 \$ 236,030 \$ 236,030 \$ 236,030 \$ 35,633 \$ 35,633 \$ 35,633 \$ 35,633 \$ 99,021 \$ 691,170
12 13 14 15 16 17 18 19 20	NA Water Pokuson Abatement Trust Loan - 0.0% CoBank, ACB Sarap 4, 11% TOTALS Give an analysis of the abrox-entited account as of d \$500 er more. Itema less than \$500 may be combined \$500," giving the number of items thus combined \$500," giving the number of items thus combined DESCRIPTION AND CHARACTER OF UNADJUSTED DEBITS Deferred Maintenance Exp. Deferred Taxes Deferred Pension Deferred FAS 100	\$ 34,680 \$ 170,110 \$ 99,403 OTHER L cse of year, showing in in a single eruly 'Miror Balance at Beginning of Year (b) \$ 1,465 \$ 355,693 \$ 1,001,007 \$ 27,140 \$ 633,450	\$ - INADJUSTED DEBITS 2 detail each item or subar In number, Amount Added During Year (c) \$ \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 2,148 \$ 2,885 \$ 17,239 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 1,465 \$ 216,419 \$ 218,419 \$ 385,291	\$ 19,353 \$ 31,693 \$ 152,811 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 99,021 \$ 99,021 \$ 322,003
12 13 14 15 16 17 18 19 20 21	MA Water Polyton Abstement Trust Loan - 0.0% CoBank, ACB Swap 4, 11% YOTALS Give an analysis of the abrove-endiced account as of d \$500 or more. Items less than \$500 may be combined \$500," giving the number of Rems thus combined \$500," giving the number of Rems thus combined DESCRIPTION AND CHARACTER OF UNADJUSTED DEBITS Deferred Parson Deferred Taxes Deferred FAS 100 Deferred FAS 100 Deferred Rate Proceedings Deferred Parkon	\$ 34,680 \$ 170,110 \$ 99,403 OTHER I cose of year, showing in in a single entry "Minor Balance at Beginning of Year (b) \$ 1,465 \$ 355,898 \$ 1,001,097 \$ 827,140 \$ 633,450 \$ 18,417	S S	\$ 2,148 \$ 2,885 \$ 17,299 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 1,465 \$ 218,449 \$ 190,676 \$ 35,291 \$ 3683	\$ 1935 \$ 31,693 \$ 31,693 \$ 152,811 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 35,683 \$ 999,020 \$ 691,170 \$ 322,003 \$ 12,654 \$ 12,654 \$ 12,654 \$ 12,654 \$ 12,654 \$ 12,654 \$ 12,654 \$ 12,815 \$ 12,815 \$ 12,815 \$ 12,815 \$ 238,030 \$ 12,815 \$ 238,030 \$ 238,0
12 13 14 15 16 17 18 19 20 21 22	INA Water Pokuson Abatement Trust Loan - 0.0% CoBank, ACB Sarap 4, 11% TOTALS Give an analysis of the abrow-entited account as of d \$500 or more. Rema less than \$500 may be combined \$500," giving the number of Rema Brus combined \$500," giving the number of Rema Brus Defermed Maintenance Exp. Defermed Arass Defermed Pension Defermed Parsh (ob Defermed Rate Proceedings Defermed Pencihorate Costs	\$ 34,680 \$ 170,110 \$ 99,403 OTHER I cose of year, showing in in a single entry "Minor Balance at Beginning of Year (b) \$ 1,465 \$ 355,893 \$ 1,001,097 \$ 827,140 \$ 633,450 \$ 633,450 \$ 16,417	S Anount Added During Year (c) S	\$ 2,148 \$ 2,885 \$ 17,299 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 25,391 \$ 1,465 \$ 2,18,449 \$ 3,653 \$ 3,653 \$ 3,653 \$ 3,653 \$ 775,328	\$ 19.35 \$ 31.695 \$ 162,811 \$ 238,030 \$ 238,030 \$ 238,030 \$ 35,683 \$ 355,683 \$ 355,683 \$ 990,022 \$ 322,003 \$ 12,654 \$ 124,324
12 13 14 15 16 17 18 19 20 21 22 23 24	INA Water Pokuson Abatement Trust Loan - 0.0% CoBank, ACB Smap 4, 11% YOTALS Give an analysis of the abrove-endiced account as of d \$500 or more. Items less than \$500 may be combined \$500," giving the number of items thus combined \$500," gitems thus combined \$500," givi	\$ 34,680 \$ 170,110 \$ 99,403 OTHER L Cose of year, showling in in a single entry "Minor Balance at Beginning of Year (D) \$ 1,465 \$ 355,683 \$ 1,001,097 \$ 627,140 \$ 633,450 \$ 176,654 \$ 6,411,658 \$ 71,283 \$ 71,283	\$ - NADJUSTED DEBIT: Comparing the subscream or subscre	\$ 2,148 \$ 2,885 \$ 17,289 \$ 25,391 \$ 25,391 \$ 26,391 \$ 25,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 216,491 \$ 1,465 \$ 218,449 \$ 190,676 \$ 365,291 \$ 365,291 \$ 365,291 \$ 365,291 \$ 365,293 \$ 41,330 \$ 20,706	\$ 19,332 \$ 31,693 \$ 162,811 \$ 236,030 \$ 236,030 \$ 236,030 \$ 236,030 \$ 236,030 \$ 236,030 \$ 0f Year {0} \$ \$ 090,022 \$ 099,022 \$ 099,022 \$ 051,170 \$ 322,003 \$ 124,55 \$ 124,54 \$ 124,322 \$ 124,322 \$ 62,044
12 13 14 15 16 17 18 19 20 21 22 24 25	NA Water Pokučon Abstement Trust Loan - 0.0% CoBank, ACB Sarap 4, 11% TOTALS Give an analysis of the abrow-entited account as of d \$500 or more. Item has than \$500 may be combined \$500," giving the number of Zerra thus combined \$500," giving the number of Zerra thus OF UNADJUSTED DEBITS Deferred Taxes Deferred Taxes Deferred Penchorate Costs FAS 168 Deferred Debits Deferred Tom of Oxford - Lifegation Costs	\$ 34,680 \$ 170,110 \$ 99,403 OTHER L cse of year, showing in in a single or by "Miror Balance at Beginning of Year (b) \$ 1,455 \$ 355,688 \$ 1,001,007 \$ 227,140 \$ 6,33,450 \$ 16,417 \$ 71,263 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - INADJUSTED DEBITS 2 2deal each llean or subac 2 Xarms In number, Amount Added During Year (c) 5 5 216,373 5 53,843 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 2,148 \$ 2,885 \$ 17,289 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,291 \$ 190,679 \$ 190,679 \$ 3,683 \$ 41,330 \$ 775,328 \$ 20,700 \$ 68,158	\$ 19.38 \$ 31.693 \$ 31.693 \$ 152.811 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 355.683 \$ 999,022 \$ 355.683 \$ 999,022 \$ 355.683 \$ 999,022 \$ 399,022 \$ 320,003 \$ 12,654 \$ 12,654 \$ 12,654 \$ 12,654 \$ 12,654 \$ 12,654 \$ 12,654
12 13 14 15 16 17 18 19 20 21 22 23 24 25 28	INA Water Pokuson Abatement Trust Loan - 0.0% CoBank, ACB Smap 4, 11% YOTALS Give an analysis of the abrove-endiced account as of d \$500 or more. Items less than \$500 may be combined \$500," giving the number of items thus combined \$500," gitems thus combined \$500," givi	\$ 34,680 \$ 170,110 \$ 99,403 OTHER L Cose of year, showling in in a single entry "Minor Balance at Beginning of Year (D) \$ 1,465 \$ 355,683 \$ 1,001,097 \$ 627,140 \$ 633,450 \$ 176,654 \$ 6,411,658 \$ 71,283 \$ 71,283	\$ - NADJUSTED DEBIT: Comparing the subscream or subscre	\$ 2,148 \$ 2,885 \$ 17,289 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 216,491 \$ 1,465 \$ 218,449 \$ 190,676 \$ 365,291 \$ 365,291 \$ 365,291 \$ 365,291 \$ 365,293 \$ 41,330 \$ 20,706	\$ 19,332 \$ 31,693 \$ 162,811 \$ 236,030 \$ 236,030 \$ 236,030 \$ 236,030 \$ 236,030 \$ 236,030 \$ 0f Year {0} \$ \$ 090,022 \$ 099,022 \$ 099,022 \$ 051,170 \$ 322,003 \$ 124,55 \$ 124,54 \$ 124,322 \$ 124,322 \$ 62,044
12 13 14 15 16 17 18 19 20 21 22 23 24 25 27	NA Water Pokučon Abstement Trust Loan - 0.0% CoBank, ACB Sarap 4, 11% TOTALS Give an analysis of the abrow-entited account as of d \$500 or more. Item has than \$500 may be combined \$500," giving the number of Zerra thus combined \$500," giving the number of Zerra thus OF UNADJUSTED DEBITS Deferred Taxes Deferred Taxes Deferred Penchorate Costs FAS 168 Deferred Debits Deferred Tom of Oxford - Lifegation Costs	\$ 34,680 \$ 170,110 \$ 99,403 OTHER L cse of year, showing in in a single or by "Miror Balance at Beginning of Year (b) \$ 1,455 \$ 355,688 \$ 1,001,007 \$ 227,140 \$ 6,33,450 \$ 16,417 \$ 71,263 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - NADJUSTED DEBITS 26431 each Rem or suback Zerns In number, Amount Added During Year (c) - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 2,148 \$ 2,885 \$ 17,289 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,291 \$ 190,679 \$ 190,679 \$ 3,683 \$ 41,330 \$ 775,328 \$ 20,700 \$ 68,158	\$ 19.33 \$ 31.693 \$ 162,811 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 355,68: \$ 999,020 \$ 355,68: \$ 999,020 \$ 12,55 \$ 12,55 \$ 12,55 \$ 5,366,260 \$ 62,041 \$ 62,044 \$ 106,281
12 13 14 15 16 17 18 19 20 22 23 22 22 22 22 22 22 22 22 22 22 22	NA Water Pokučon Abstement Trust Loan - 0.0% CoBank, ACB Sarap 4, 11% TOTALS Give an analysis of the abrow-entited account as of d \$500 or more. Item has than \$500 may be combined \$500," giving the number of Zerra thus combined \$500," giving the number of Zerra thus OF UNADJUSTED DEBITS Deferred Taxes Deferred Taxes Deferred Penchorate Costs FAS 168 Deferred Debits Deferred Tom of Oxford - Lifegation Costs	\$ 34,680 \$ 170,110 \$ 99,403 OTHER L cse of year, showing in in a single or by "Miror Balance at Beginning of Year (b) \$ 1,455 \$ 355,688 \$ 1,001,007 \$ 227,140 \$ 6,33,450 \$ 16,417 \$ 71,263 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - NADJUSTED DEBITS 26431 each Rem or suback Zerns In number, Amount Added During Year (c) - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 2,148 \$ 2,885 \$ 17,289 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,291 \$ 190,679 \$ 190,679 \$ 3,683 \$ 41,330 \$ 775,328 \$ 20,700 \$ 68,158	\$ 19.33 \$ 31.693 \$ 162,811 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 355,68: \$ 999,020 \$ 355,68: \$ 999,020 \$ 12,55 \$ 12,55 \$ 12,55 \$ 5,366,260 \$ 62,041 \$ 62,044 \$ 106,281
12 13 14 15 16 17 18 19 20 21 22 3 24 25 27 28 29	NA Water Pokučon Abstement Trust Loan - 0.0% CoBank, ACB Sarap 4, 11% TOTALS Give an analysis of the abrow-entited account as of d \$500 or more. Item has than \$500 may be combined \$500," giving the number of Zerra thus combined \$500," giving the number of Zerra thus OF UNADJUSTED DEBITS Deferred Taxes Deferred Taxes Deferred Penchorate Costs FAS 168 Deferred Debits Deferred Tom of Oxford - Lifegation Costs	\$ 34,680 \$ 170,110 \$ 99,403 OTHER L cse of year, showing in in a single or by "Miror Balance at Beginning of Year (b) \$ 1,455 \$ 355,688 \$ 1,001,007 \$ 227,140 \$ 6,33,450 \$ 16,417 \$ 71,263 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - NADJUSTED DEBITS 26431 each Rem or suback Zerns In number, Amount Added During Year (c) - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 2,148 \$ 2,885 \$ 17,289 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,291 \$ 190,679 \$ 190,679 \$ 3,683 \$ 41,330 \$ 775,328 \$ 20,700 \$ 68,158	\$ 19.33 \$ 31.693 \$ 162,811 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 355,68: \$ 999,020 \$ 355,68: \$ 999,020 \$ 12,55 \$ 12,55 \$ 12,55 \$ 5,366,260 \$ 62,041 \$ 62,044 \$ 106,281
12 13 14 15 16 17 8 19 22 22 24 25 27 28 23 31	NA Water Pokučon Abstement Trust Loan - 0.0% CoBank, ACB Sarap 4, 11% TOTALS Give an analysis of the abrow-entited account as of d \$500 or more. Item less than \$500 may be combined \$500," giving the number of Zerra thus combined \$500," giving the number of Zerra thus OF UNADJUSTED DEBITS Deferred Taxes Deferred Taxes Deferred Penchorate Costs FAS 168 Deferred Debits Deferred Tom of Oxford - Lifegation Costs	\$ 34,680 \$ 170,110 \$ 99,403 OTHER L cse of year, showing in in a single or by "Miror Balance at Beginning of Year (b) \$ 1,455 \$ 355,688 \$ 1,001,007 \$ 227,140 \$ 6,33,450 \$ 16,417 \$ 71,263 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - NADJUSTED DEBITS 26431 each Rem or suback Zerns In number, Amount Added During Year (c) - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 2,148 \$ 2,885 \$ 17,289 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,291 \$ 190,679 \$ 190,679 \$ 3,683 \$ 41,330 \$ 775,328 \$ 20,700 \$ 68,158	\$ 19.33 \$ 31.693 \$ 162,811 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 355,68: \$ 999,020 \$ 355,68: \$ 999,020 \$ 12,55 \$ 12,55 \$ 12,55 \$ 5,366,260 \$ 62,041 \$ 62,044 \$ 106,281
12 13 14 15 16 17 18 19 20 21 22 32 22 22 22 22 22 22 22 22 22 22 22	NA Water Pokučon Abstement Trust Loan - 0.0% CoBank, ACB Sarap 4, 11% TOTALS Give an analysis of the abrow-entited account as of d \$500 or more. Item less than \$500 may be combined \$500," giving the number of Zerra thus combined \$500," giving the number of Zerra thus OF UNADJUSTED DEBITS Deferred Taxes Deferred Taxes Deferred Penchorate Costs FAS 168 Deferred Debits Deferred Tom of Oxford - Lifegation Costs	\$ 34,680 \$ 170,110 \$ 99,403 OTHER L cse of year, showing in in a single or by "Miror Balance at Beginning of Year (b) \$ 1,455 \$ 355,688 \$ 1,001,007 \$ 227,140 \$ 6,33,450 \$ 16,417 \$ 71,263 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - NADJUSTED DEBITS 26431 each Rem or suback Zerns In number, Amount Added During Year (c) - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 2,148 \$ 2,885 \$ 17,289 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,291 \$ 190,679 \$ 190,679 \$ 3,683 \$ 41,330 \$ 775,328 \$ 20,700 \$ 68,158	\$ 19.33 \$ 31.693 \$ 162,811 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 355,68: \$ 999,020 \$ 355,68: \$ 999,020 \$ 12,55 \$ 12,55 \$ 12,55 \$ 5,366,260 \$ 62,041 \$ 62,044 \$ 106,281
12 13 14 15 16 17 18 19 21 22 23 24 26 27 28 29	NA Water Pokučon Abstement Trust Loan - 0.0% CoBank, ACB Sarap 4, 11% TOTALS Give an analysis of the abrow-entited account as of d \$500 or more. Item less than \$500 may be combined \$500," giving the number of Zerra thus combined \$500," giving the number of Zerra thus OF UNADJUSTED DEBITS Deferred Taxes Deferred Taxes Deferred Penchorate Costs FAS 168 Deferred Debits Deferred Tom of Oxford - Lifegation Costs	\$ 34,680 \$ 170,110 \$ 99,403 OTHER L cse of year, showing in in a single or by "Miror Balance at Beginning of Year (b) \$ 1,455 \$ 355,688 \$ 1,001,007 \$ 227,140 \$ 6,33,450 \$ 16,417 \$ 71,263 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - NADJUSTED DEBITS 26431 each Rem or suback Zerns In number, Amount Added During Year (c) - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 2,148 \$ 2,885 \$ 17,289 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,391 \$ 26,291 \$ 190,679 \$ 190,679 \$ 3,683 \$ 41,330 \$ 775,328 \$ 20,700 \$ 68,158	\$ 19.38 \$ 31.693 \$ 31.693 \$ 152.811 \$ 238,030 \$ 238,030 \$ 238,030 \$ 238,030 \$ 355.683 \$ 999,022 \$ 355.683 \$ 999,022 \$ 355.683 \$ 999,022 \$ 399,022 \$ 320,003 \$ 12,654 \$ 12,654 \$ 12,654 \$ 12,654 \$ 12,654 \$ 12,654 \$ 12,654

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					CAPITAL STOC	к			
	particulars of the various issues of capital sto								
the an	mount of Capital Stock authorized in Col. (d)	show only th	ne amount auti	horized by the regulatory	body.				
· - 1				Number of Shares	Par Value of	Amount of Capital Stock		Amount Actually Out-	Total Premiur
1	Decription			Authorized	One Share	Authorized		standing at End of Year	End of Yea
Lino	Dicipatin			Addivitzed	One Onlard	Audionizad		Sumany at Life of Feat	End of the
No.	(2)			(b)	(c)	(d)		(0)	(f)
140.	(a)			(0)	(6)	(0)		(*)	(1)
1	Capital Stock: Common	r	1	50,000	\$ 100		\$ 5,000,000	\$ 3,757,100	\$
2	Proferred		1		<u></u>			<u></u>	
3	Employee		1						·
4								· · · ·	
5		Totals					\$ • 5,000,000	\$ 3,757,100	\$
i i	Give particulars of various issues of bond, c ing issues that may have been assumed by Schedule (line 20).			es as called for in the follo		ne names of any underly-			
i i	ing issues that may have been assumed by	the responde	ont. The total c	es as called for in the follo	owing schedule, giving t stant with return made o	ne names of any underly- n page 301, Income	11-1-1-1-1		
	ing issues that may have been assumed by Schedule (line 20).	the responde	ont. The total o	es as called for in the folk of col. (h) should be consi	wing schedule, giving ti stant with return made o Par Valuo	ne names of any underly- n page 301, Income INTEREST		Interest Accrued	
	ing issues that may have been assumed by	the responde	ont. The total o	es as called for in the follo	wing schedule, giving ti stant with return made o Par Valuo Actually Outstanding	ne names of any underly- n page 301, Income INTEREST PROVISIONS		During Year	Interost Pai
	ing issues that may have been assumed by Schedule (line 20).	the responde	ont. The total o	es as called for in the folk of col. (h) should be consi	wing schedule, giving ti stant with return made o Par Valuo	ne names of any underly- n page 301, Income INTEREST PROVISIONS Rate	Datos		
	ing issues that may have been assumed by Schedule (line 20). NAME AND CHARACTER OF OBLIGATION	the responde Dato of Issue	Dato of Maturity	es as called for in the folk of col. (h) should be consi Par Value Authorized	wing schedule, giving ti stant with return made o Par Valuo Actually Outstanding at End of Yoar	ne names of any underly- n page 301, Income INTEREST PROVISIONS Rate Por Cont	Duo	During Year Charged to Incomo	During Yoa
N	ing issues that may have been assumed by Schodule (line 20). NAME AND CHARACTER OF OBLIGATION (a)	the responde	ont. The total o	es as called for in the folk of col. (h) should be consi	wing schedule, giving ti stant with return made o Par Valuo Actually Outstanding	ne names of any underly- n page 301, Income INTEREST PROVISIONS Rate		During Year	
6]1	ing issues that may have been assumed by Schedule (line 20). NAME AND CHARACTER OF OBLIGATION (a) Montgage Bonds:	Dato of Issuo (b)	Dato of Maturity (c)	es as called for in the follo of col. (h) should be consi Par Value Authorized (d)	wing schedule, giving ti stant with return made o Par Valuo Actually Outstanding at End of Yoar (e)	ne names of any underly- n page 301, Income INTEREST PROVISIONS Rate Por Cont (f)	Duo (9)	During Year Charged to Income (h)	During Yoa
6 1 7 (ing issues that may have been assumed by Schedule (line 20). NAME AND CHARACTER OF OBLIGATION (a) Mortgage Bonds: General Mortgage	Dato Of Issuo (b)	Dato of Maturity (c) 6/23	es as called for in the follo of col, (h) should be consi Par Value Authorized (d) \$ 7,000,000	wing schedule, giving ti stant with return made of Par Valuo Actually Outstanding at End of Yoar (0) \$ 7,000,000	ne names of any underly- n page 301, Income INTEREST PROVISIONS Rate Por Cont (f) 7.71%	Duo (g) Jun/Dec	During Year Charged to Income (h) \$ 539,700	During Yoa (i) \$
6 1 7 0 8 0	ing issues that may have been assumed by Schedule (line 20). VAME AND CHARACTER OF OBLIGATION (a) Mortgage Bonds: General Mortgage General Mortgage	Date Of Issue (b) 11/93 12/91	Dato of Maturity (c) 6/23 9/21	es as called for in the folio of col. (h) should be consi Par Value Authorizod (d) \$ 7,000,000 \$ 1,400,000	wing schedule, giving ti stant with return made of Par Valuo Actually Outstanding at End of Yoar (c) \$ 7,000,000 \$ 1,400,000	ne names of any underly- n page 301, Income INTEREST PROVISIONS Rate Por Cont (1) 7.71% 9.64%	Duo (9)	During Year Charged to Incomo (h) \$ 539,700 \$ 134,960	During Yoa (i) \$\$
6 1 7 6 9 1	ing issues that may have been assumed by Schedule (line 20). NAME AND CHARACTER OF OBLIGATION (a) Mortgage Bonds: General Mortgage General Mortgage MA Water Pollution Abatoment Trust Loan	Dato of Issue (b) 11/93 12/91 03/03	Dato of Maturity (c) 9/21 08/23	es as called for in the follo of col. (h) should be consi Par Value Authorized (d) \$ 7,000,000 \$ 1,400,000 \$ 2,078,888	Par Value Par Value Actually Outstanding at End of Year (c) \$ 7,000,000 \$ 1,400,000 \$ 2,078,898	ne names of any underly- n page 301, income INTEREST PROVISIONS Rate Por Cont (f) 7.71% 9.64% 0.00%	Duo (9) Jun/Dec Mar/Sep	During Year Chargod to Incomo (h) \$ 539,700 \$ 134,960 \$ -	During Yoa (i) \$\$ \$\$
6 7 (8 (9 10 (ing issues that may have been assumed by Schedule (line 20). VAME AND CHARACTER OF OBLIGATION (a) Mortgage Bonds: General Mortgage General Mortgage MA Water Pollution Abatoment Trust Loan General Mortgage - swap loan	Date Of Issue (b) 11/93 12/91	Dato of Maturity (c) 9/21 08/23	es as called for in the follo of col. (h) should be consi Par Value Authorized (d) \$ 7,000,000 \$ 1,400,000 \$ 2,078,898 \$ 9,000,000	Par Valuo Par Valuo Actually Outstanding at End of Yoar (c) \$ 7,000,000 \$ 1,400,000 \$ 2,078,898 \$ 9,000,000	ne names of any underly- n page 301, Income INTEREST PROVISIONS Rate Por Cont (1) 7.71% 9.64%	Duo (g) Jun/Dec	During Year Charged to Incomo (h) \$ 539,700 \$ 134,960 \$ - \$ 376,440	During Yoa (i) \$ \$ \$ \$ \$
6 1 7 (9 1 10 (11	ing issues that may have been assumed by Schedule (line 20). VAME AND CHARACTER OF OBLIGATION (a) Mortgage Bonds: General Mortgage General Mortgage MA Water Pollution Abatement Trust Loan General Mortgage - swep Ioan Total Bonds	Dato of Issue (b) 11/93 12/91 03/03	Dato of Maturity (c) 9/21 08/23	es as called for in the follo of col. (h) should be consi Par Value Authorized (d) \$ 7,000,000 \$ 1,400,000 \$ 2,078,888	Par Valuo Par Valuo Actually Outstanding at End of Yoar (c) \$ 7,000,000 \$ 1,400,000 \$ 2,078,898 \$ 9,000,000	ne names of any underly- n page 301, income INTEREST PROVISIONS Rate Por Cont (f) 7.71% 9.64% 0.00%	Duo (9) Jun/Dec Mar/Sep	During Year Chargod to Incomo (h) \$ 539,700 \$ 134,960 \$ -	During Yoa (i) \$ \$ \$ \$
6 1 7 (9 1 10 (11 12 (ing issues that may have been assumed by Schedule (line 20). VAME AND CHARACTER OF OBLIGATION (a) Mortgage Bonds: General Mortgage General Mortgage MA Water Pollution Abatoment Trust Loan General Mortgage - swap loan	Dato of Issue (b) 11/93 12/91 03/03	Dato of Maturity (c) 9/21 08/23	es as called for in the follo of col. (h) should be consi Par Value Authorized (d) \$ 7,000,000 \$ 1,400,000 \$ 2,078,898 \$ 9,000,000	Par Valuo Par Valuo Actually Outstanding at End of Yoar (c) \$ 7,000,000 \$ 1,400,000 \$ 2,078,898 \$ 9,000,000	ne names of any underly- n page 301, income INTEREST PROVISIONS Rate Por Cont (f) 7.71% 9.64% 0.00%	Duo (9) Jun/Dec Mar/Sep	During Year Charged to Incomo (h) \$ 539,700 \$ 134,960 \$ - \$ 376,440	During Yoa (i) \$ \$ \$ \$
6 1 7 6 9 1 10 6 11 12 6 13	ing issues that may have been assumed by Schedule (line 20). VAME AND CHARACTER OF OBLIGATION (a) Mortgage Bonds: General Mortgage General Mortgage MA Water Pollution Abatement Trust Loan General Mortgage - swep Ioan Total Bonds	Dato of Issue (b) 11/93 12/91 03/03	Dato of Maturity (c) 9/21 08/23	es as called for in the follo of col. (h) should be consi Par Value Authorized (d) \$ 7,000,000 \$ 1,400,000 \$ 2,078,898 \$ 9,000,000	Par Valuo Par Valuo Actually Outstanding at End of Yoar (c) \$ 7,000,000 \$ 1,400,000 \$ 2,078,898 \$ 9,000,000	ne names of any underly- n page 301, income INTEREST PROVISIONS Rate Por Cont (f) 7.71% 9.64% 0.00%	Duo (9) Jun/Dec Mar/Sep	During Year Charged to Incomo (h) \$ 539,700 \$ 134,960 \$ - \$ 376,440	During Yoa (i) \$ \$ \$ \$
6 1 7 (9 1 10 (11 12 (ing issues that may have been assumed by Schedule (line 20). VAME AND CHARACTER OF OBLIGATION (a) Mortgage Bonds: General Mortgage General Mortgage MA Water Pollution Abatement Trust Loan General Mortgage - swep Ioan Total Bonds	Dato of Issue (b) 11/93 12/91 03/03	Dato of Maturity (c) 9/21 08/23	es as called for in the follo of col. (h) should be consi Par Value Authorized (d) \$ 7,000,000 \$ 1,400,000 \$ 2,078,898 \$ 9,000,000	Par Valuo Par Valuo Actually Outstanding at End of Yoar (c) \$ 7,000,000 \$ 1,400,000 \$ 2,078,898 \$ 9,000,000	ne names of any underly- n page 301, income INTEREST PROVISIONS Rate Por Cont (f) 7.71% 9.64% 0.00%	Duo (9) Jun/Dec Mar/Sep	During Year Charged to Incomo (h) \$ 539,700 \$ 134,960 \$ - \$ 376,440	During Yoa (i) \$ \$ \$ \$

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Anni	ual Report of Aquarion Water C	ompany or wassa		JRRENT LIABILITIES		Tear ended De	ecember 31, 20
			SUNDRICL	KRENT LIABILITIES			
•		····	N	OTES PAYABLE			
Line No.	Name of Creditor (a)	Date of Issue (b)	Date of Maturity (c)	How Secured (d)	Rate of Interst (e)	Ar	nount (f)
1	Aquarion Company						
2	Aquanon Company					-	
3		<u> </u>			······································		
4				· { · · · · · · · · · · · · · · · · · ·			·····
5	<u> </u>		· · · · · · · · · · · · · · · · · · ·		······································		,
6	·····		· · · · · · · · · · · · · · · · · · ·				
7				- <u> </u>	······································		
8					TOTAL	1\$	
			DDEM	UM ON BONDS			
	NAME OF SECURITY		Unextinguished Premium at Beginning of Year	on Bonds Issued During Year	Premium Written Off During Year	Prei	inguished nium at of Year
	(2)		763		(4)		(~)
9	(a)		(b)	(c)	(d)		(e) 61.
	(a) MWPAT Unamortized Premium		(b)	(c)	(d)	\$	
10			(b)	(c)	(d)	\$	
		TOTALS	·····		(d)	\$	61,
10 11	MWPAT Unamortized Premium Give the names in Col. (a) and ind Credits." For items less than \$1,00 than \$1,000," stating the number	TOTALS	OTHER UNA Col. (b) of the several subacc be made under the caption "M	ADJUSTED CREDITS counts which appear as "Oth inor accounts in number	er Unadjusted	\$	61, 61,
10 11	MWPAT Unamortized Premium Give the names in Col. (a) and ind Credits." For items less than \$1,00 than \$1,000," stating the number NAME OF SUBACCOUNT	TOTALS	OTHER UNA Col. (b) of the several subacc be made under the caption "M Character of Subaccound	ADJUSTED CREDITS counts which appear as "Oth inor accounts in number	er Unadjusted	\$	61, 61, 61,
10 11 12	MWPAT Unamortized Premium Give the names in Col. (a) and ind Credits." For items less than \$1,00 than \$1,000," stating the number NAME OF SUBACCOUNT (a)	TOTALS	OTHER UNA Col. (b) of the several subacc be made under the caption "M	ADJUSTED CREDITS counts which appear as "Oth inor accounts in number	er Unadjusted	\$	61, 61, 61, (c)
10 11 12 13	MWPAT Unamortized Premium Give the names in Col. (a) and ind Credits." For items less than \$1,00 than \$1,000," stating the number NAME OF SUBACCOUNT (a) Advances for Construction	TOTALS	OTHER UNA Col. (b) of the several subacc be made under the caption "M Character of Subaccound	ADJUSTED CREDITS counts which appear as "Oth inor accounts in number	er Unadjusted	\$ \$ \$	61, 61, nount (c) 372,
10 11 12 13 13	MWPAT Unamortized Premium Give the names in Col. (a) and ind Credits." For items less than \$1,00 than \$1,000," stating the number NAME OF SUBACCOUNT (a) Advances for Construction Deferred OPEB	TOTALS	OTHER UNA Col. (b) of the several subacc be made under the caption "M Character of Subaccound	ADJUSTED CREDITS counts which appear as "Oth inor accounts in number	er Unadjusted	\$ \$ \$ \$	61, 61, (c) 372, 3,051,
10 11 12 13 13 14 15	MWPAT Unamortized Premium Give the names in Col. (a) and ind Credits." For items less than \$1,00 than \$1,000," stating the number NAME OF SUBACCOUNT (a) Advances for Construction Deferred OPEB Deferred Pension	TOTALS	OTHER UNA Col. (b) of the several subacc be made under the caption "M Character of Subaccound	ADJUSTED CREDITS counts which appear as "Oth inor accounts in number	er Unadjusted	\$ \$ \$ \$ \$	61, 61, (c) 372, 3,051, 5,240,
10 11 12 13 14 15 16	MWPAT Unamortized Premium Give the names in Col. (a) and ind Credits." For items less than \$1,00 than \$1,000," stating the number NAME OF SUBACCOUNT (a) Advances for Construction Deferred OPEB	TOTALS	OTHER UNA Col. (b) of the several subacc be made under the caption "M Character of Subaccound	ADJUSTED CREDITS counts which appear as "Oth inor accounts in number	er Unadjusted	\$ \$ \$ \$	61, 61, (c) 372, 3,051, 5,240,
10 11 12 13 14 15 16 17	MWPAT Unamortized Premium Give the names in Col. (a) and ind Credits." For items less than \$1,00 than \$1,000," stating the number NAME OF SUBACCOUNT (a) Advances for Construction Deferred OPEB Deferred Pension	TOTALS	OTHER UNA Col. (b) of the several subacc be made under the caption "M Character of Subaccound	ADJUSTED CREDITS counts which appear as "Oth inor accounts in number	er Unadjusted	\$ \$ \$ \$ \$	61, 61, (c) 372, 3,051, 5,240,
10 11 12 13 14 15 16 17 18	MWPAT Unamortized Premium Give the names in Col. (a) and ind Credits." For items less than \$1,00 than \$1,000," stating the number NAME OF SUBACCOUNT (a) Advances for Construction Deferred OPEB Deferred Pension	TOTALS	OTHER UNA Col. (b) of the several subacc be made under the caption "M Character of Subaccound	ADJUSTED CREDITS counts which appear as "Oth inor accounts in number	er Unadjusted	\$ \$ \$ \$ \$	61, 61, (c) 372, 3,051, 5,240,
10 11 12 13 14 15 16 17 18 19	MWPAT Unamortized Premium Give the names in Col. (a) and ind Credits." For items less than \$1,00 than \$1,000," stating the number NAME OF SUBACCOUNT (a) Advances for Construction Deferred OPEB Deferred Pension	TOTALS	OTHER UNA Col. (b) of the several subacc be made under the caption "M Character of Subaccound	ADJUSTED CREDITS counts which appear as "Oth inor accounts in number	er Unadjusted	\$ \$ \$ \$ \$	61, 61, (c) 372, 3,051, 5,240,
10 11 12 13 14 15 16 17 18 19 20	MWPAT Unamortized Premium Give the names in Col. (a) and ind Credits." For items less than \$1,00 than \$1,000," stating the number NAME OF SUBACCOUNT (a) Advances for Construction Deferred OPEB Deferred Pension	TOTALS	OTHER UNA Col. (b) of the several subacc be made under the caption "M Character of Subaccound	ADJUSTED CREDITS counts which appear as "Oth inor accounts in number	er Unadjusted	\$ \$ \$ \$ \$	61, 61, (c) 372, 3,051,
10 11 12 13 14 15 16 17 18 19	MWPAT Unamortized Premium Give the names in Col. (a) and ind Credits." For items less than \$1,00 than \$1,000," stating the number NAME OF SUBACCOUNT (a) Advances for Construction Deferred OPEB Deferred Pension	TOTALS	OTHER UNA Col. (b) of the several subacc be made under the caption "M Character of Subaccound	ADJUSTED CREDITS counts which appear as "Oth inor accounts in number	er Unadjusted	\$ \$ \$ \$ \$	61, 61, (c) 372, 3,051, 5,240,

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Annu	al Report of Aquarion Water Company of Massachusetts Year E DEPRECIATION RESERVE	nded December 31, 2
	DEPRECIATION RESERVE	
Line		Amount
No.	(a)	(b)
1	Balance at beginning of year	12,619,5
2	Credits to Depreciation Reserve during year:	
3	Account 610-10 Depreciation	1,574,
4	Other Accounts (Specify):	
5	Loss of Disposition of Assets	
6	Depreciation charged to contributed property schedule	
7	Rate Case adjustment to accumulated depreciation per Docket No D.P.U. 11	(7,9
8	CHARGES DURING YEAR	1,566,0
9	Net Charges for Plant Retired:	
10	Book Cost of Plant Retired	221,7
11	Cost of Removal	
12	Salvage (credit in red)	(17,9
13	NET CHARGES DURING YEAR	203,
14	Balance at end of year	13,982,0
	BASIS OF DEPRECIATION CHARGES Give in detail the rules and rate by which the respondent determined the amount charged to operati accounts, and credited to Depreciation Reserves. report also depreciation taken for the year for fed	
15		
16		
<u>17</u> 18		
18		
20		

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		INCOME STATEMENT me Account of the respondent for the year ended December 31 Water Companies.			e Unito	rm System of
_ine	Acc't No.		T	Amount		Comparison with Previous Year.
		(a)	1	(b)		(c)
1		OPERATING INCOME				
2	500	Operating Revenues (p. 302)	\$	16,084,945	\$	1,206,882
3		Operating Expenses (p. 303)	\$	13,093,552	\$	1,595,342
4		Net Operating Revenues	\$	2,991,393		(388,460
5	550	Uncollectible Operating Revenues	\$	29,361	\$	11,143
6		Taxes (p. 303B)	\$	1,268,911	\$	(359,70
7		Net Operating Income	\$	1,693,121	\$	(39,90)
8		NON-OPERATING INCOME				
9	560	Mdse. and Jobbing Revenue*	\$	47,600	\$	8.65
10	561	Rent from Appliances	\$	-	\$	
11	562	Miscellaneous Rent Income	\$	-	\$	
12	563	Interest and Dividend Income	\$		\$	
13	564	MWPAT Loan - Net Subsidy	\$	4,386		3,94
14		MWPAT Amortization of Debt Premium	\$	5,784		
15	566	Miscellaneous Non-operating Income	\$	96,830	\$	56,19
16		Total Non-operating Income	\$	154,600		68,79
17		GROSS INCOME	\$	1,847,721	\$	28,89
18		DEDUCTIONS FROM GROSS INCOME]			
19		Miscellaneous Rents	\$	-	\$	
20	576	Interest on Bonds and Coupon Notes	\$	1,075,959		122,47
21		Miscellaneous Interest Deductions	\$	-	\$	
22		Amortization of Discount (p. 203)	\$	25,391		14,41
23	579	Miscellaneous Deductions from Income	\$	319,229	\$	295,26
24		Total Deductions from Gross Income	\$	1,420,579	\$	432,15
24		Income Balance transferred to Profit and Loss	\$	427,142	\$	(403,25
		PROFIT AND LOSS	STAT	EMENT		

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Line [Acct	Item	Debits		Credits
No.	No.	(a)	(b)		(c)
28		CREDITS			· · · · · · · · · · · · · · · · · · ·
27	401	Credit Balance at Beginning of Fiscal Period (p.201)		\$	5,405,497
28	402	Credit Balance transferred from Income Acct. (p.301)		\$	427,142
29	403	Miscellaneous Credits, (transfer from paid-in-capital)		\$	
30		DEBITS			
31	411	Debit Balance at Beginning of Fiscal Period (p.201)			
32	412	Debit Balance transferred from Income Acct. (p.301)			
33	413	Accumulated other comprehensive loss on swap	\$ 226,3	330	
34	414	Dividend Appropriation of Surplus (p.302)	\$	-	
35	415	Appropriations of Surplus for Depreciation (p.204)			
36	416	Dic'nt on Bonds Exting'd through Surplus (p.203)			
37	417	Other Deductions from Surplus for Depreciation (p.204)			
38	418	Appropriations of Surplus for Construction			
39		Balance carried Forward to Balance Sheet		\$	226,330
Ĩ		TOTALS		\$	5,606,309

·	al Rep	ort of Aquarion Water Company of Massachusetts	<u> </u>		· · · · · · · · · · · · · · · · · · ·	Yea	ar ended Decem	1
			OPERATING	REVEN	UES			
		rating revenues of the respondent for the year ended Dece	mber 31, 2011, classified in ac	ordance	,	-		
with th	e Unifo	m System of Accounts.						
		·····	····					
Line	Acc'l	CLASS OF WATER OPERATING REVENUE	Amount of Revenue		Comparison with			
No.	No.		for Year		Previous Year	· · · · · · · · · · · · · · · · · · ·		
1		REVENUES FROM SALE OF WATER						
2	501	Metered Sales to General Consumers	\$ 14,557,57	8 8	1,091,875			
3		Flat-rate Sales to General Consumers	\$ 605,42		44,102			
4		Sales to Other Water Companies	\$	- \$	-		· · · · · · · · · · · · · · · · · · ·	
5	504	Municipal Hydrants	\$ 884,53		74,764			
6	505	Miscellaneous Municipal Revenues	\$	- \$				
7		Total Revenues from Water Operations	\$ 16,047,53	2 \$	1,210,741			
8		MISCELLANEOUS REVENUES			· · · · · · · · · · · · · · · · · · ·			
9		Rent from Property used in Operation	\$	- \$	-	· · · · ·		
10	507	Miscellaneous Operating Revenues	\$ 37,41	3 \$	(3,859)			
11		Total Revenues from Miscellaneous Operation	\$ 37,41	2 6	(3,859)			
11		Total Nevenues from intscenarieous Operation	φ σι,τι	3 3	(0,000)			
12		Total Operating Revenues	\$ 16,084,94		1,206,882		······	
				5 \$	1,206,882			
	Give	Total Operating Revenues	\$ 16,084,94 DIVIDENDS DECLARED ear, and charged to Profit and L	5 \$ D DURIN DSS. This	1,206,882 NG THE YEAR s		······	
	Give j	Total Operating Revenues	\$ 16,084,94 DIVIDENDS DECLARED ear, and charged to Profit and L	5 \$ D DURIN DSS. This	1,206,882 NG THE YEAR s			
12	scheo	Total Operating Revenues particulars of dividends on each class of stock during the yeu use shall include only dividends that have been declared by	\$ 16,084,94 DIVIDENDS DECLAREI ear, and charged to Profit and L y the Board of Directors during t	5 \$ D DURIN DSS. This he fiscal	1,206,882 NG THE YEAR s year.	· ·	······	
12 Line	scheo	Total Operating Revenues particulars of dividends on each class of stock during the yeu use shall include only dividends that have been declared by NAME OF SECURITY	\$ 16,084,94 DIVIDENDS DECLAREI ear, and charged to Profit and L y the Board of Directors during t RATE PER CENT	5 \$ D DURIN Doss. This he fiscal	1,206,882 NG THE YEAR s year. nount of Capital Stock	-		
12	scheo	Total Operating Revenues particulars of dividends on each class of stock during the yeu use shall include only dividends that have been declared by	\$ 16,084,94 DIVIDENDS DECLAREI ear, and charged to Profit and L y the Board of Directors during t	5 \$ D DURIN Doss. This he fiscal	1,206,882 NG THE YEAR s year. nount of Capital Stock which Dividend was	·	D	
12 Line	scheo	Total Operating Revenues particulars of dividends on each class of stock during the ye ute shall include only dividends that have been declared by NAME OF SECURITY ON WHICH DIVIDEND WAS DECLARED	\$ 16,084,94 DIVIDENDS DECLAREI ear, and charged to Profit and L y the Board of Directors during to RATE PER CENT Regular Extra	5 \$ D DURIN Doss. This he fiscal	1,206,882 NG THE YEAR s year. nount of Capital Stock which Dividend was Declared	Amount of Dividend	D Declared	
12 Line No.	scheo	Total Operating Revenues particulars of dividends on each class of stock during the ye ule shall include only dividends that have been declared by NAME OF SECURITY ON WHICH DIVIDEND WAS DECLARED (a)	\$ 16,084,94 DIVIDENDS DECLAREI ear, and charged to Profit and L y the Board of Directors during t RATE PER CENT	5 \$ D DURIN Doss. This he fiscal	1,206,882 NG THE YEAR s year. nount of Capital Stock which Dividend was	Amount of Dividend (e)		
12 Line No.	scheo	Total Operating Revenues particulars of dividends on each class of stock during the ye ute shall include only dividends that have been declared by NAME OF SECURITY ON WHICH DIVIDEND WAS DECLARED	\$ 16,084,94 DIVIDENDS DECLAREI ear, and charged to Profit and L y the Board of Directors during to RATE PER CENT Regular Extra	5 \$ D DURIN Doss. This he fiscal	1,206,882 NG THE YEAR s year. nount of Capital Stock which Dividend was Declared	Amount of Dividend		
12 Line No.	scheo	Total Operating Revenues particulars of dividends on each class of stock during the ye ule shall include only dividends that have been declared by NAME OF SECURITY ON WHICH DIVIDEND WAS DECLARED (a)	\$ 16,084,94 DIVIDENDS DECLAREI ear, and charged to Profit and L y the Board of Directors during to RATE PER CENT Regular Extra	5 \$ D DURIN Doss. This he fiscal	1,206,882 NG THE YEAR s year. nount of Capital Stock which Dividend was Declared	Amount of Dividend (e)		
12 Line No.	scheo	Total Operating Revenues particulars of dividends on each class of stock during the ye ule shall include only dividends that have been declared by NAME OF SECURITY ON WHICH DIVIDEND WAS DECLARED (a)	\$ 16,084,94 DIVIDENDS DECLAREI ear, and charged to Profit and L y the Board of Directors during to RATE PER CENT Regular Extra	5 \$ D DURIN Doss. This he fiscal	1,206,882 NG THE YEAR s year. nount of Capital Stock which Dividend was Declared	Amount of Dividend (e)		
12 Line No. 13 14 15 16	scheo	Total Operating Revenues particulars of dividends on each class of stock during the ye ule shall include only dividends that have been declared by NAME OF SECURITY ON WHICH DIVIDEND WAS DECLARED (a)	\$ 16,084,94 DIVIDENDS DECLAREI ear, and charged to Profit and L y the Board of Directors during to RATE PER CENT Regular Extra	5 \$ D DURIN Doss. This he fiscal	1,206,882 NG THE YEAR s year. nount of Capital Stock which Dividend was Declared	Amount of Dividend (e)		
12 Line No. 13 14 15 16 17	scheo	Total Operating Revenues particulars of dividends on each class of stock during the ye ule shall include only dividends that have been declared by NAME OF SECURITY ON WHICH DIVIDEND WAS DECLARED (a)	\$ 16,084,94 DIVIDENDS DECLAREI ear, and charged to Profit and L y the Board of Directors during to RATE PER CENT Regular Extra	5 \$ D DURIN Doss. This he fiscal	1,206,882 NG THE YEAR s year. nount of Capital Stock which Dividend was Declared	Amount of Dividend (e)		
12 Line No. 13 14 15 16 17 19	scheo	Total Operating Revenues particulars of dividends on each class of stock during the ye ule shall include only dividends that have been declared by NAME OF SECURITY ON WHICH DIVIDEND WAS DECLARED (a)	\$ 16,084,94 DIVIDENDS DECLAREI ear, and charged to Profit and L y the Board of Directors during to RATE PER CENT Regular Extra	5 \$ D DURIN Doss. This he fiscal	1,206,882 NG THE YEAR s year. nount of Capital Stock which Dividend was Declared	Amount of Dividend (e)		
12 Line No. 13 14 15 16 17 19 20	scheo	Total Operating Revenues particulars of dividends on each class of stock during the ye ule shall include only dividends that have been declared by NAME OF SECURITY ON WHICH DIVIDEND WAS DECLARED (a)	\$ 16,084,94 DIVIDENDS DECLAREI ear, and charged to Profit and L y the Board of Directors during to RATE PER CENT Regular Extra	5 \$ D DURIN Doss. This he fiscal	1,206,882 NG THE YEAR s year. nount of Capital Stock which Dividend was Declared	Amount of Dividend (e)		-
12 Line No. 13 14 15 16 17 19 20 21	scheo	Total Operating Revenues particulars of dividends on each class of stock during the ye ule shall include only dividends that have been declared by NAME OF SECURITY ON WHICH DIVIDEND WAS DECLARED (a)	\$ 16,084,94 DIVIDENDS DECLAREI ear, and charged to Profit and L y the Board of Directors during to RATE PER CENT Regular Extra	5 \$ D DURIN Doss. This he fiscal	1,206,882 NG THE YEAR s year. nount of Capital Stock which Dividend was Declared	Amount of Dividend (e)		-
12 Line No. 13 14 15 16 17 19 20	scheo	Total Operating Revenues particulars of dividends on each class of stock during the ye ule shall include only dividends that have been declared by NAME OF SECURITY ON WHICH DIVIDEND WAS DECLARED (a)	\$ 16,084,94 DIVIDENDS DECLAREI ear, and charged to Profit and L y the Board of Directors during to RATE PER CENT Regular Extra	5 \$ D DURIN Doss. This he fiscal	1,206,882 NG THE YEAR s year. nount of Capital Stock which Dividend was Declared	Amount of Dividend (e)		
12 Line No. 13 14 15 16 17 19 20 21 22	scheo	Total Operating Revenues particulars of dividends on each class of stock during the ye ule shall include only dividends that have been declared by NAME OF SECURITY ON WHICH DIVIDEND WAS DECLARED (a)	\$ 16,084,94 DIVIDENDS DECLAREI ear, and charged to Profit and L y the Board of Directors during to RATE PER CENT Regular Extra	5 \$ D DURIN Doss. This he fiscal	1,206,882 NG THE YEAR s year. nount of Capital Stock which Dividend was Declared	Amount of Dividend (e)		

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nual Re	port of Aq	uarion Water Company of Massachusetts			Year	ended December 31, 20
		OPERATING EXPENSES				
		(For companies having average operating revenues of m	ore	than \$15,000.)		
e the op	erating expe	nses of the respondent for the year ended December 31, 2011classi	ying	them in accor	dance	with the Uniform
	ccounts.					
Line	Acc't	Item		Amount		Comparison with
No.	No.			1		Previous Year.
		(a)		(b)		(c)
1		SOURCE OF WATER SUPPLY EXPENSES				
2	601-1	Maintenance of Water Supply Buildings and Fixtures	\$	41,330	\$	(74
3		Maintenance of Surface Source of Supply Facilities	\$	-	\$	
4	601-3	Maintenance of Ground Source of Water Supply	\$	88,691		4,60
5		Total Source of Water Supply Expenses	\$	130,021		3,9:
6	602	Water Purchased for Resale	\$	11,965	Ş	(7,8)
7		PUMPING EXPENSES	L			
8		Pumping Labor	\$		\$	6,3
9		Boiler Fuel	\$	-	\$	
10		Water for Steam	\$	-	\$	
11 12		Electric Power Purchased	\$	608,432		(2,8
13		Miscellaneous Pumping Station Supplies and Expenses Maintenance Power Pumping Buildings and Fixtures	\$ \$	163,481 26,056		21,2
14		Maintenance of Pumping Equipment		133,355	\$	30,0
15	604-2	Maintenance of Miscellaneous Pumping Plant Equipment	\$ \$	133,300	\$ \$	30,0
16	004-0	Total Pumping Expenses	Ś	1,061,681	\$	54,5
17	+	PURIFICATION EXPENSES	4	1,001,001	3	04,0
18	605-1	Purification Labor	\$	267,260	•	37,2
19	605-2	Purification Supplies and Expenses	Š	3.896.925		(170,7
20		Maintenance of Purification Buildings and Fixtures	Š	46,136		9.0
21	606-2	Maintenance of Purification Equipment	Š	236,529		61,0
22		Total Purification Expenses	Ś		Ś	(63,4
23		TRANSMISSION AND DISTRIBUTION EXPENSES	Ť	.,,	•	(**)-
24	607	Inspecting Customers' Installation	\$	15,069	\$	(7,3
25	608	Miscellaneous Trans. and Dist, Supplies and Expenses	\$	467,063		27,7
26	609-1	Maintenance of Trans. and Dist. Buildings and Fixtures	\$	3,284		(3,5
27		Maintenance of Trans. and Dist. Mains	\$	415,416		94,4
28	609-3	Maintenance of Storage, Reservoirs, Tanks and Standpipes	\$	3,822	\$	(6
29		Maintenance of Services	\$	150,215		(28,4
30		Maintenance of Meters	\$	86,082		6,0
31		Maintenance of Hydrants	\$	11,172		3,0
32	609-7	Maintenance of Fountains and Troughs	\$		\$	
33		Total Trans. and Dist. Expenses	\$	1,152,123	\$	91,2
34		GENERAL AND MISCELLANEOUS EXPENSES				
35	610-1	Salaries of General Officers and Clerks	\$	521,396		40,8
36		General Office Supplies and Expenses	\$	2,084,308		381,5
37	610-3	Law Expense - General	\$	292,536	\$	127,9
38	610-4	Insurance	\$	956,643		92,4
39	010-5	Accidents and Damages	\$		\$	
40		Store Expenses	\$		\$	· · · · · · · · · · · · · · · · · · ·
41		Transportation Expenses	Ş	32,228		(3,8
42		Inventory Adjustments	\$		Ş	
43 44		Maintenance of General Structures	\$ \$	- 1,377,547	Ş	405 J
44		Miscellaneous General Expenses	\$	1,026,254		<u>195,7</u> 682,3
40		Total General and Miscellaneous Expenses	3 5	6,290,912		1,516,9
40		GRAND TOTAL OPERATING EXPENSES	\$ \$	13,093,552		1,595,3

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Annual Report of Aquarion Water Company of Massachusetts Year ended December 31, 2012 OPERATING EXPENSES (CONT'D) (For companies having average operating revenues not exceeding \$15,000.) State the operating expenses of the respondent for the year ended December 31, 2011 classifying them in accordance with the Uniform System of Accounts. OPERATING EXPENSES (CONT'D) Line Kind of Tax Federal State I Municipal Total E

No.		Federal	State	6	municipai	total
NO.	(a)					
48	FIT	\$ 41,576		<u> </u>		\$ 41,576
49	FICA	\$ 152,630				\$ 152,630
50	FUTA	\$. 944				\$ 944
51	Property Tax	 		\$	1,059,511	\$ 1,059,511
52	SUTA		\$ 4,779			\$ 4,779
53	SIT		\$ 9,471			\$ 9,471
54	Other General Taxes			\$	-	\$ -
55						
56						
57	-					
58						
59						
60	TOTALS	\$ 195,150	\$ 14,250	\$	1,059,511	\$ 1,268,911

water and all have to a Million of a	• 6 • • • • • • • • • • • • • •		L
ual report of Aquarion Water Company (or Massachusetts Real Estate Inform	ation - Hingham	per 31, 2012
and owned by the Company			
Location		Use	
Whiting Street, Accord Pond South Pleasant Avenue Fulling Mill Free Street Turkey Hill Lane Downing Street Scotland Street Prospect Street		Surface water supply, pump station, elevated tank Water Pump Station Distribution Tank Well Stations Standpipe Well Station Well Station Well Station	
Area		When Bought	Cost
43.53 Acres 117.04 Acres 72.14 Acres 0.22 Acres 10.91 Acres 24.20 Acres 9.22 Acres		1882, 85, 96, 97, 98, 1916 1885, 1900, 02-06, 16, 23 1942, 1951 1963 1965 1955 - 1975 1966 - 1970	\$10,177 \$29,092 \$3,763 \$4,766 \$14,579 \$7,596 \$83,384
ulidings owned by the Company			
Location		Use	
Fulling Mill Pond Fulling Mill Pond Accord Pond - Gravity & Pump Free Street #4 Free Street #3 Free Street #2 Scotland Street Downing Street Prospect Street		Pump Station Storehouse and Garage Outlet Structure and Pump Station Pump Station Fliter Building And Garage, Pump Station Pump Station Pump Station Pump Station	
Size	Material	When Bullt	Cost
5755 800 1200 450 258 2780 328 340 360	Brick Steel Brick Brick Brick & Block Cement Block Cement Block Brick & Block Brick & Block	1919, 20, 21, 62, 67, 68, 96 1969 1995 1942 - 1968 1952 1969-70 1956 1966 1971	
	Ind owned by the Company Location Whiting Street, Accord Pond South Pleasant Avenue Fulling Mill Free Street Turkey Hill Lane Downing Street Scotland Street Prospect Street 43.53 Acres 117.04 Acres 72.14 Acres 0.22 Acres 10.91 Acres 24.20 Acres 9.22 Acres 9.22 Acres 10.91 Acres 9.22 Acres 10.91 Acres 9.22 Acres 10.91 Acres 9.22 Acres 10.91 Acres 9.22 Acres 9.22 Acres 10.91 Acres 9.22 Acr	Location Whiting Street, Accord Pond South Pleasant Avenue Fulling Mill Free Street Turkey Hill Lane Downing Street Scotland Street Prospect Street 43.53 Acres 117.04 Acres 72.14 Acres 0.22 Acres 10.91 Acres 24.20 Acres 9.22 Acres 10.91 Acres 24.20 Acres 9.22 Acres Scotland Street Free Street #4 Free Street #4 Free Street #4 Free Street #2 Scotland Street Downing Street Prospect Street Size Material 5755 Brick 800 Steel 1200 Brick 450 Brick 2780 Brick & Block 2780 Brick & Block 326 Cement Block	Real Estate Information - Hingham Location Use Whiling Street, Accord Pond South Pleasant Avenue Fulling Mill Free Street Turksy Hill Lane Downing Street Surface water supply, pump station, elevated tank. Water Pump Station Distribution Tank Area Well Stations Standpipe Well Station Soutand Street Well Station Well Station Area When Bought 43.53 Acres 1882, 85, 96, 97, 98, 1916 117.04 Acres 1882, 85, 96, 97, 98, 1916 1885, 1900, 02-06, 16, 23 12.14 Acres 1882, 1900, 02-06, 16, 23 1943 10.31 Acres 1965 1965 24.20 Acres 1965 1975 9.22 Acres 1965 1975 9.22 Acres 1965 1970 Location Use Storehouse and Garage Fulling Mill Pond Fulling Mill Pond Fulling Mill Pond Free Street #2 Pump Station Pump Station Free Street #2 Filter Building And Garage, Pump Station Pump Station Free Street #2 Filter Station Storeet #2 Pump Station Prospect Street Pump Station

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* By cost is meant the original cost of installation, not the Book Value

		f Massachusetts state Information - Milibury	Year ended Dece	mber 31, 2012		
I. La	ind owned by the Company					
	Location		Use			
A B C D E F	Millbury Avenue Burbank Hill Howe Avenue Oak Pond Avenue North Main Street @ Jacques Curve Sutton Road	Location of Well & Pump Station Location of Reservoir Location Basins #1, #2 & #3 Oak Pond Pump Station #1 & #2 North Main Street Pump Station Location of Booster Station				
	Area		When Bought	Cost		
A B C D E F	3.00 Acres 3.00 Acres 55.23 Acres 97,129 Square Feet 20.39 Acres 10,051 Square Feet		1849 1895 1895 - 1913 1957 1965 1994	\$25,802 \$3,823 \$4,106 \$16,824 \$12,000		
	Location		Use			
A B C D	Oak Pond Avenue North Main Street #2 Well North Main Street #1 Well 34 Sutton Road	· · ·	Pump Station Pump Station Pump Station Booster Pump Station			
	Size	Material	Wnen Built	Cost		
A B C D	19' x 16' 20' x 17' 20' x 17' 17' x 22'	Concrete Block Concrete Block Concrete Block Brick & Concrete	1958 1966 1966 - 67 1994			

* By cost is meant the original cost of Installation, not the Book Value

	al report of Aquarion Water Company of Mass	achuseus	Year ended Decem	bər 31, 2012
e 1 -	Real Estate	ə information -Oxford		
I. Lai	nd owned by the Company			
	Location		Use	
B C D	Main St, Oxford, MA Prospect Hill, Oxford, MA Prospect Hill, Oxford, MA Off Holbrook Road- Oxford, Massachusetts From Old Depot Rd to Burbank St Oxford, Mass		Well & Pump station Right of way for standpipe Land adjacent to standpipe Land for standpipe Right of way pipeline to stand	pipe
	Area		When Bought	Cost
A B	9.04 Acres 1.00 Acre		1906 1907	\$4,312 \$319
C D	13.30 Acres 0.52 Acres		1944 1957	\$438 \$6,527
E	25.70 Acres		1958 - 1959	\$16,338
2 Bu	ildings owned by the Company	·····		
<u> D</u>	indings owned by the company			
	Location		Use	
B C	North Main Street Oxford, Massachusetts North Main Street Oxford, Massachusetts Off Nelson Street Oxford, Massachusetts Sutton Ave. Oxford, Massachusetts		Pump Station Pump Station Pump Station Booster Pump Station	
	Size	Material	When Built	Cost
в	20' x 17' 20' x 17'	Cement Block Cement Block	1959 1959	
	16' x 10' x 19'9" 12' x 20'	Cement Block Prefab. Metal	1959-64-67 1999	

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* By cost is meant the original cost of Installation, not the Book Value

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Annual report of Aquarion Water Company of Massachusetts

Year ended December 31, 2012

SUPPLY INFORMATION - Hingham

 Give a full and complete description of the sources from which water is obtained. State whether these sources are owned or leased by the Company. If they are leased, quote the terms of the lease. Give the date of the latest opinion of the Department of Public Health regarding each of these sources of supply.

See attached Schedule

2. Watersheds owned by the Company	·		
Location	Area	When Bought	Cost
A. Fulling Mill Pond B. Accord Pond	67.79 acres 40.916 acres	1902, 04, 06, 23 1882, 85-87	Included on page 400

Remarks:

3. Give a full and complete description of any water supply rights that are owned by the company and state when they were bought and what was paid for them.

•.

Fulling Mill Pond - January 4, 1886 - \$2,000 Accord Pond - May 26, 1912 - \$1,500

Water registration for withdrawal of water issued by Commonwealth of Massachusetts in 1988 and renewed in 1998 and 2008.

Response to Question 1 - Page 401 Page 401A

(Item 1 Page 401)

Annual Report of Aquarion Water Company of Massachusetts

Year ended December 31, 2012

Give a full and complete description of the source or sources from which water is obtained. State whether these sources are owned or leased by the Company. If they are leased, quote the terms of the leases. Give the date of the latest opinion of the Department of Public Health regarding each of these sources of supply.

Water is obtained from Accord Pond, Fulling Mill Well and from several other wells. Fulling Mill Well is owned by respondent. The right to withdraw water from all sources was registered under the Massachusetts Water Management Act of 1988. Two satellite wells, Fulling Mill #1 & #2, both 18" diameter ,#1 is 48' deep and #2 is 42' deep, were added at Fulling Mill An 18" diameter well, 58' deep was constructed off Prospect Street in 1971. The well was approved by the Department of Public Health in 1970. A 24" diameter well, Free Street #2, 72' deep, was constructed off Free Street in 1951, the pump was installed in 1952. A replacement well 18" in diameter and 80' deep for #2, Free St. #2A, was put into service in December 2007. An 18" diameter well, 45' deep, was constructed off Scotland Street in 1955. An 24" satellite well, Scotland St. #1A, 58' deep, was completed and put into service in May 2008. A 24*diameter well, 66' deep was constructed off Downing Street in 1965, pump installed in 1966, Free Street Well #3, 88' 8" deep, was constructed adjacent to Free Street Well #1 in 1967, the pump was installed in 1998. Testing and approval by the Department of Public Health was not required as this well was in same well field as Free Street Well #1. Free Street #1 has been abandoned since late in the 1960's; it has been filled and capped. The land around this well is leased for a 99 year term at no cost other than payment of real estate taxes. A 24" diameter well 86' deep. Free Street #4 was completed in December, 1982, and Department of Environmental approval was given in 2008. Free Street Well #5 is a 16" diameter well which was constructed in 2001 as a satellite well to Free Street Well #3. All sources are sampled in accordance with state and federal regulations. All sources are currently in compliance with those regulations.

Annual report of Aquarion Water Company of Massachusetts

Year ended December 31, 2012

SUPPLY INFORMATION - Millbury

 Give a full and complete description of the sources from which water is obtained. State whether these sources sre owned or leased by the Company. If they are leased, quote the terms of the lease. Give the date of the latest opinion of the Department of Public Health reguarding each of these sources of supply.

Water is supplies from four wells all owned by the Company. All are approved public drinking water sources according to Massachusetts DEP.

2. Watersheds owned by the Company			
Location	Area	When Bought	Cost
A. Parcel E & F - Howe Ave B. Parcel G, West of E & F - Howe Ave C. West of G - Howe Ave	8.50 acres 29.29 acres 3.18 acres	1909 1910 1913	Included on page 400

Remarks:

3. Give a full and complete description of any water supply rights that are owned by the company and state when they were bought and what was paid for them.

Water registration for withdrawal of water issued by Commonwealth of Massachusetts in 1988 and renewed in 1998 and 2008.

401 Annual report of Aquarion Water Company of Massachusetts

Year ended December 31, 2012

SUPPLY INFORMATION - Oxford

 Give a full and complete description of the sources from which water is obtained. State whether these sources sre owned or leased by the Company. If they are leased, quote the terms of the lease. Give the date of the latest opinion of the Department of Public Health reguarding each of these sources of supply.

The responent owns three gravel packed wells. All wells are approved for use as public water supply sources of the Massachusetts DEP.

2. Watersheds owned by the Company

	Location	Area	When Bought	Cost
ſ	A			
	В.			
	C.			
	D.			

Remarks:

3. Give a full and complete description of any water supply rights that are owned by the company and state when they were bought and what was paid for them.

Water registration for withdrawal of water issued by Commonwealth of Massachusetts in 1988 and renewed in 1998 and 2008.

Annual report of Aquarion Water Company of Massachusetts

Year ended December 31, 2012

SUPPLY INFORMATION - Continued - Hingham

1 10/010

Location	Inside Dimensions	Depth Below	Covered or	Wnen Built	Cost
		High Water	Uncovered		
A. Fulling Mill Well	40' x 19'	21' 8"	Covered	1903	
B. Free Street Well #2	24"	73"	Covered	1951	
C. Scotland Street Well	18"	45"	Covered	1955	
D. Dowing Street Well	24"	66' 6"	Covared	1966	Combined
E. Free Street Well #3	18'	88' 6"	Covered	1967	
F. Prospect St. Well	18"	58'	Covered	1971	
G. Free Street Well #4	24"	86'	Covered	1982	
H. Free Street Well #5	16"	68'3"	Covered	2001	\$354,69
I. Free Street Well #2A	12"	80'	Covered	2007	\$265,15
J. Fulling Mill Well #1	12"	48'	Covered	2008	\$244,24
K. Fulling Mill Well #2	12"	42'	Covered	2008	\$222,26
L. Scotland St. Well #1A	18"	58'	Covered	2008	\$348.45

5. Give a full and complete description of the wells

See attached sheet

l a catta c	Area at Surface	Full Capacity	Maria Dulli	0
Location	When Full	in Gallons	Wnen Built	Cost
. Accord Pond	100 Acres	247,000,000	1	
. Fuliing Mill Pond	14 acres	23,109,000		
. Fulling Mill Basin	Undetermined			
			1	

7. Describe the reservoirs, stating to what extent they are artificial; to what extent their bottons were cleaned before being put into service; to what extent their slopes and bottoms are paved; what provisions have been made for raising the water level and increase-ing the capacity; and give the character of construction of any dams.

Accord Pond is a natural lake. At natural outlet an embankment was built with concrete core walls. Fulling Mill is an artificial pond with an earth embankment with concrete core walls. Accord Pond provides water to the Hingham/Hull District Water Treatment Facility. The seven basins at Fulling Mill Pump Station are natural depressions from which trees have been cut. These basins feed into underground strata supplying the Fulling Mill Well. This source is then pumped to the Hingham/Hull District Water Treatment Facility for treatment.

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Annual report of Aquarion Water Company of Massachusetts

Year Ended December 31, 2012

- 5. Give a full and complete description of the wells
 - (A) Inside walls 6' from bottom are built of stone laid dry. From that point upwards, the wall is dome shaped made of concrete with suitable opening on top. The water from the well is pumped by the Fulling Mill Station.
 - (B) Drilled in 1951, well pump installed in 1952, 30' of 24" stainless steel screen, 43' of 24" transite solid casing, gravel packed and concrete sealed. In 1995, replaced, well pump and redeveloped this well. The casing was lined with steel pipe in 1999. Redeveloped in 2005.
 - (C) Drilled in 1955, well pump installed in 1956. 30' of solid steel casing, 15' of 24" stainless steel screen, gravel packed and concrete sealed. Redeveloped in 1978; casing reduced from 24" to 18" with 15' of 18" stainless steel screen. Redeveloped in 1987 and 1998.
 - (D) Drilled in 1965, well pump installed in 1966. 55' of 6" of solid steel casing, 10' of 24" stainless steel screen, gravel packed and concrete sealed. Redeveloped in 1988.
 - (E) Drilled in 1967, well pump installed in 1968. 78' of solid steel casing, 10' of 8" stainless steel screen, gravel packed and concrete sealed. Redeveloped in 1988.
 - (F) Drilled well in 1971, well pump installed in 1998. 48' of solid steel casing, 10' of 16" stainless steel screen, gravel packed and concrete sealed.
 - (G) Well drilled in 1981, pump installed in 1982. 66' of 24" solid steel casing, 20' of 24" variable slot stainless steel screen, gravel packed and concrete sealed. Redeveloped in 2003.
 - (H) Well drilled in 2001 pump installed in July 2001. 80' of 16" steel casing, 15' of 10" stainless steel screen, gravel packed and concrete sealed.
 - (I) Replacement/satellite well drilled in 2007 pump installed December 2007. 80' of 18" steel casing, 18' of 12" steinless steel screen, gravel packed. Includes a meter vault.
 - (J) Replacement/satellite well drilled in 2008 pump installed June 2008. 48' of 18" steel casing, 8' of 12" stainless steel screen, gravel packed. Includes a meter vault.
 - (K) Replacement/satellite well drilled in 2008 pump installed June 2008. 42' of 18" steel casing, 18' of 12" stainless steel screen, gravel packed. Includes a meter vault.
 - (L) Replacement/satellite well drilled in 2008 pump installed May 2008. 42' of 24" steel casing, 12' of 18" stainless steel screen, gravel packed. Includes a meter vault.

Annual report of Aquarion Water Company of Massachusetts

Year ended December 31, 2012

SUPPLY INFORMATION - Continued - Milibury

4. Wells

	Location	Inside Dimensions	Depth Below High Water	Covered or Uncovered	Wnen Built	Cost
A.	Millbury Avenue	25'	36'20"	Covered	1984	
₿.	Oak pond Avenue	24"	30'	Covered	1958	\$5,225
C.	Jacques Well Station #2	24"	70'	Covered	1965	\$32,389
D.	Jacques Well Station #1	24"	53'	Covered	1966	\$11,681
	Jacques WTF	30' x 66 '		Covered	2005	\$1,517,819
F.	•••••					.,,,

5. Give a full and complete description of the wells

Reserviors				
	Area at Surface	Full Capacity		
Location	_ When Full	in Gallons	When Built	Cost
] [
	1			
	1			

7. Describe the reservoirs, stating to what extent they are artificial; to what extent their bottons were cleaned before being put into service; to what extent their slopes and bottoms are paved; what provisions have been made for raising the water level and increasing the capacity; and give the character of construction of any dams.

	SUPPLY	INFORMATION	- Continued - Ox	ford	
4. Wells					
Location	Inside Dimensions	Depth Below High Water	Covered or Uncovared	When Built	Cost
A. Oxford, MA B. Oxford, MA C. Oxford, MA D. Oxford, MA E. F.	24" 24" 24" 12"	65' 67' 66' 66'	Covered Covered Covered Covered	1950-59 1950-59 1961 2007	\$53,9 \$50,12 \$20,34 \$269,94

Three 24" diameter gravel packed wells, one with tansite casting and two stainless steel castings.

6 Deservaio

Location	Area at Surface When Full	Full Capacity in Galions	When Built	Cost
A.				
В.			1	
C.				
D.				
E.				
F.				

7. Describe the reservoirs, stating to what extent they are artificial; to what extent their bottons were cleaned before being put into service; to what extent their slopes and bottoms are paved; what provisions have been made for raising the water level and increasing the capacity; and give the character of construction of any dams.

Year ended December 31, 2012 Annual report of Aquarion Water Company of Massachusetts Pumping Information - Hingham 1. Give a general description of the method employed for delivering the water to the company, stating whether gravity is utilized or not; whether the company owns a pumping station or not; and giving all other pertinent information. Respondent owns twelve wells/ pump stations. Water is pumped from Fulling Mill Station, Fulling Mill Well #1, Fulling Mill Well #2, Free St. Well #2, Free St. Well #2A, Free St. Well #3 & #5, Free St. Well #4, Scotland St. Well, Scotland St. #1A, Prospect St.,, and Accord Pond to the Hingham/Hull District Water Treatment Facility for treatment. Water from the Downing St. Well is pumped directly to the distribution system after treatment. An abandoned booster station in Hull, MA was refurbished and placed in service in 1998. 2. BOILER This schedule not presently used 3. CHIMNEYS This schedule not presently used 4. PUMPING ENGINES, STEAM- ACTUATED This schedule not presently used 5. PUMPS, DRIVEN BY CONNECTED POWER LOCATION TYPE NAME OF BUILDER WHEN INSTALLED COST Fulling Mill #1 1996 Ā Hor Cent Fairbanks-Morse

A	In national weat #			Hor Cent	rairbanks-morse	1880	· · · · · · · · · · · · · · · · · · ·
B	Fulling Mill #			Hor Cent	Fairbanks-Morse	1996	*
С	Free Street			Vert Turb	Bryon Jackson	1985	*
D	Scotland Stu	eat Well		Vert Turb	Goulds	1998	•
E	Downing Stu	reet Well		Vert Turb	Bryon Jackson	1966	•
۶	Free Street	Well #3		Vert Turb	Goulds	1998	ļ *
G	Prospect Sti	reet Well		Vert Turb	Goulds	1998	•
н	Free Street	Well #4	·	Submersible	Goulds	2003	•
1	Beacon Roa	d Booster		Hor Cent	Hayes	1998	•
J	Accord #3			Hor Cent	Fairbanks-Morse	1996	•
к	Accord #4			Hor Cent	Fairbanks-Morse	1996	*
L	Accord #5			Hor Cent	Fairbanks-Morse	1996	ł +
м	Beacon Roa	id, Hull		Hor Cent	Aurora	1998	1 .
N	Free Street			Submersible	Goulds	2001	J •
ö	Free Street			Submersible	Goulds	2007	•
P	Fulling Mill			Submersible	Goulds	2008	
ά	Fulling Mill V			Submersible	Goulds	2008	•
Ř	Scotland St.			Submersible	Goulds	2008	•
ŝ	Baker Hill B			Hor Cent	Aurora	2006	1 +
T	Baker Hill B			Hor Cent	Aurora	2006	*
U U	Baker Hill B			Hor Cent	Aurora	2006	+
v	Baker Hill B			Hor Cent	Aurora	2008	1.
ŵ	Baker Hill B			Hor Cent	Aurora	2006	1 .
**	Dave Lui D				Autora	2000	
	NUMBER	SINGLE OR	RATED STROKES			HOW DRIVEN	DISPLACEMENT PER
	OF CYLS.	DOUBLE ACTING	PER MINUTE	STROKE**	OR PLUNGERS		24 HOURS
A		Double Suction	1,180 RPM	5ª	N/A	Electric	1,440,
8	1 1	Double Suction	1,180 RPM	5*	N/A	Electric	1,440,
С		3 stage	1,770 RPM	13" Disc	N/A	Electric	2,880,
D		1 stage	1,770 RPM	8"	N/A	Electric/Gas	1,440,
		1 2/4/30					
Ē		7 stage	1,750 RPM	6*	N/A	Electric/Gas	829,
		•	1,750 RPM 1,770 RPM	6* 5"	N/A N/A	Electric/Gas Electric/Gas	
Е		7 stage					518,
E F		7 stage 7 stage	1,770 RPM	5"	N/A	Electric/Gas	518, 622,
E F G		7 stage 7 stage 1 stage 2 stage	1,770 RPM 1,770 RPM	5" 6"	N/A N/A	Electric/Gas Electric	518, 622, 1,440,
Е F H I		7 stage 7 stage 1 stage 2 stage 1 stage	1,770 RPM 1,770 RPM 3,600 RPM 3,600 RPM	5" 6" 8" 4"	N/A N/A N/A N/A	Electric/Gas Electric Electric Electric	518, 622, 1,440, 792,
E F G H J		7 stage 7 stage 1 stage 2 stage 1 stage 2 stage	1,770 RPM 1,770 RPM 3,600 RPM 3,600 RPM 1,770 RPM	5" 6" 8" 4" 6"	N/A N/A N/A N/A N/A	Electric/Gas Electric Electric Electric Electric Electric	518, 622, 1,440, 792, 2,016,
E F G H I J K		7 stage 7 stage 1 stage 2 stage 1 stage 2 stage 2 stage 2 stage	1,770 RPM 1,770 RPM 3,600 RPM 3,600 RPM 1,770 RPM 1,185 RPM	5" 6" 8" 4" 6" 5"	N/A N/A N/A N/A N/A	Electric/Gas Electric Electric Electric Electric Electric Electric	518, 622, 1,440, 792, 2,016, 1,008,
E F G H I J K L		7 stage 7 stage 1 stage 2 stage 1 stage 2 stage 2 stage 2 stage 2 stage	1,770 RPM 1,770 RPM 3,600 RPM 3,600 RPM 1,770 RPM 1,185 RPM 1,185 RPM	5" 6" 8" 4" 6" 5" 6"	N/A N/A N/A N/A N/A N/A	Electric/Gas Electric Electric Electric Electric Electric Electric Electric	518, 622, 1,440, 792, 2,016, 1,008, 2,016,
EFGH IJK L M		7 stage 7 stage 1 stage 2 stage 2 stage 2 stage 2 stage 2 stage 1 stage	1,770 RPM 1,770 RPM 3,600 RPM 3,600 RPM 1,770 RPM 1,185 RPM 1,185 RPM 1,800 RPM	5" 6" 8" 4" 6" 5" 6"	N/A N/A N/A N/A N/A N/A N/A	Electric/Gas Electric Electric Electric Electric Electric Electric Electric	518, 622, 1,440, 792, 2,016, 1,008, 1,008,
БКОНІЈКІМИ		7 stage 7 stage 1 stage 2 stage 2 stage 2 stage 2 stage 2 stage 1 stage 1 stage	1,770 RPM 1,770 RPM 3,600 RPM 3,600 RPM 1,770 RPM 1,185 RPM 1,185 RPM 1,185 RPM 1,800 RPM 3,450 RPM	5" 6" 8" 4" 6" 5" 6" 4"	N/A N/A N/A N/A N/A N/A N/A N/A	Electric/Gas Electric Electric Electric Electric Electric Electric Electric Electric Electric	518, 622, 1,440, 792, 2,016, 1,008, 2,016, 1,008, 414,
EFGH I JK L MN O		7 stage 7 stage 1 stage 2 stage 2 stage 2 stage 2 stage 1 stage 1 stage 3 stage	1,770 RPM 1,770 RPM 3,600 RPM 3,600 RPM 1,770 RPM 1,185 RPM 1,185 RPM 1,800 RPM 3,450 RPM 3,600 RPM	5" 6" 8" 4" 6" 5" 6" 4" 12"	N/A N/A N/A N/A N/A N/A N/A N/A N/A	Electric/Gas Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric	518, 622, 1,440, 792, 2,016, 1,008, 2,016, 1,008, 414, 2,880,
E F G H I J K L M N O P		7 stage 7 stage 1 stage 2 stage 2 stage 2 stage 2 stage 2 stage 1 stage 1 stage 3 stage 2 stage	1,770 RPM 1,770 RPM 3,600 RPM 3,600 RPM 1,70 RPM 1,185 RPM 1,185 RPM 1,800 RPM 3,450 RPM 3,600 RPM	5" 6" 8" 4" 6" 5" 6" 4" 12"	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Electric/Gas Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric	518, 622, 1,440, 792, 2,016, 1,008, 2,016, 1,008, 414, 2,880, 2,880,
EFGH I J K L M N O P Q		7 stage 7 stage 1 stage 2 stage 2 stage 2 stage 2 stage 2 stage 1 stage 1 stage 3 stage 2 stage 2 stage 2 stage 2 stage	1,770 RPM 1,770 RPM 3,600 RPM 3,600 RPM 1,770 RPM 1,185 RPM 1,185 RPM 1,800 RPM 3,450 RPM 3,600 RPM 3,600 RPM	5" 6" 8" 4" 6" 6" 6" 4" 12" 12"	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Electric/Gas Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric	518, 622, 1,440, 792, 2,016, 1,008, 2,016, 1,008, 414, 2,880, 2,880, 2,880,
E F G H I J K L M N O P Q R		7 stage 7 stage 1 stage 2 stage 2 stage 2 stage 2 stage 1 stage 1 stage 3 stage 2 stage 2 stage 1 stage 3 stage 2 stage 1 stage 1 stage	1,770 RPM 1,770 RPM 3,600 RPM 3,600 RPM 1,770 RPM 1,185 RPM 1,185 RPM 1,800 RPM 3,450 RPM 3,600 RPM 3,600 RPM 3,600 RPM	5" 6" 8" 4" 6" 6" 4" 12" 12" 12"	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Electric/Gas Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric	518, 622, 1,440, 792, 2,016, 1,008, 2,016, 1,008, 414, 2,880, 2,880, 2,880, 2,880,
E F G H I J K L M N O P Q R S		7 stage 7 stage 1 stage 2 stage 2 stage 2 stage 2 stage 1 stage 1 stage 3 stage 2 stage 2 stage 2 stage 2 stage 1 stage 1 stage 1 stage 1 stage 1 stage 1 stage 1 stage	1,770 RPM 1,770 RPM 3,600 RPM 3,600 RPM 1,770 RPM 1,185 RPM 1,185 RPM 1,800 RPM 3,450 RPM 3,600 RPM 3,600 RPM 3,600 RPM 3,500 RPM	5" 6" 8" 4" 5" 6" 4" 12" 12" 12" 12" 12"	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Electric/Gas Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric	518, 622, 1,440, 792, 2,016, 1,008, 2,016, 1,008, 414, 2,880, 2,880, 2,880, 2,880, 2,880, 2,880, 86,
EFGHIJKLMNOPQRST		7 stage 7 stage 1 stage 2 stage 2 stage 2 stage 2 stage 2 stage 1 stage 3 stage 2 stage 2 stage 2 stage 2 stage 1 stage 1 stage 1 stage 1 stage 1 stage	1,770 RPM 1,770 RPM 3,600 RPM 3,600 RPM 1,770 RPM 1,185 RPM 1,185 RPM 1,185 RPM 3,450 RPM 3,600 RPM 3,600 RPM 3,600 RPM 3,600 RPM 3,600 RPM 3,500 RPM	5" 6" 8" 4" 5" 6" 4" 12" 12" 12" 12" 2"	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Electric/Gas Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric	518, 622, 1,440, 792, 2,016, 1,008, 2,016, 1,008, 414, 2,880, 2,880, 2,880, 2,880, 2,880, 2,880, 86, 86,
E F G H I J K L M N O P Q R S T U		7 stage 7 stage 1 stage 2 stage 2 stage 2 stage 2 stage 1 stage 1 stage 3 stage 2 stage 2 stage 2 stage 1 stage 1 stage 1 stage 1 stage 1 stage 1 stage 1 stage 1 stage	1,770 RPM 1,770 RPM 3,600 RPM 3,600 RPM 1,770 RPM 1,185 RPM 1,185 RPM 1,800 RPM 3,600 RPM 3,600 RPM 3,600 RPM 3,600 RPM 3,600 RPM 3,500 RPM 3,500 RPM 3,500 RPM	5" 6" 8" 4" 5" 6" 4" 12" 12" 12" 2" 2" 3"	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Electric/Gas Electric	518, 622, 1,440, 792, 2,016, 1,008, 2,016, 1,008, 414, 2,880, 2,880, 2,880, 2,880, 86, 86, 86, 216,
E F G H I J K L M N O P Q R S T		7 stage 7 stage 1 stage 2 stage 2 stage 2 stage 2 stage 2 stage 1 stage 3 stage 2 stage 2 stage 2 stage 2 stage 1 stage 1 stage 1 stage 1 stage 1 stage	1,770 RPM 1,770 RPM 3,600 RPM 3,600 RPM 1,770 RPM 1,185 RPM 1,185 RPM 1,185 RPM 3,450 RPM 3,600 RPM 3,600 RPM 3,600 RPM 3,600 RPM 3,600 RPM 3,500 RPM	5" 6" 8" 4" 5" 6" 4" 12" 12" 12" 12" 2"	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Electric/Gas Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric Electric	829, 518, 622, 1,440, 792, 2,016, 1,008, 2,016, 1,008, 414, 2,880, 2,16,210,210,210,210,210,210,210,210,210,210

* Cost of pump separately unavailable **Diameter of impeller

03 .nnu	al report of	Aquarion Water Co	mpany of Massach	usetts			Year ended December 31, 20
			Pu	mping inform	nation - Milibury		
. Gh	/e a general	description of the	method employed f	or delivering	the water to the cor	npany, stating wheth	er gravity is utilized or
					ng all other pertinent		
	Water is su Massachus		lis all owned by the	e company. /	All are approved pub	lic drinking water so	urces according to the
. BC	ILER						
		This schedule not pr	esently used				
. сн	IMNEYS						
		This schedule not pr	esently used				
. PU	MPING EN(SINES, STEAM- ACT	UATED				
		This schedule not pr	esently used				•
			•				
	100 000		001070				
. PU	MPS, DRIVI	EN BY CONNECTED	POWER				
		LOCATION		TYPE	NAME OF BUILDER	WHEN INSTALLED	COST
	Millbury Ave			Turbine	Floway	2003	
	Millbury Ave			Turbine	Floway	2003	
	Millbury Ave			Turbine	Floway	2003	
	Millbury Ave	enue		Turbine	Floway	2003	
	Oak Pond			Turbine	Goulds	2008	
		Street Well #2		Turbine	Goulds	2004	
- 1		Street Well #1		Turbine	Goulds	2004	
	Sutton Road			Cent	EFI	1993	
	Millbury Ave			Turbine	Floway	2003	
	Millbury Ave			Turbine	Floway	2003	
	Brierly Pond			Cent	PENTAIR	2003	
	Brierly Ponc			Cent	PENTAIR	· 2003	
	Brierly Pono Brierly Pono			Cent Cent	PENTAIR	2003 2003	
	Brierly Pork			Cent	PENTAIR	2003	
0	Differity FOR	,		Cent	FENTAIN	2003	
	NUMBER	SINGLE OR	RATED STROKES	LENGTH OF	DIAM. OF PISTINS	HOW DRIVEN	DISPLACEMENT PER
	OF CYLS.	DOUBLE ACTING	PER MINUTE	STROKE	OR PLUNGERS		24 HOURS
A			1,790 RPM	Turbine		Electric Motor	1,296,000
в			1,790 RPM	Turbine		Electric Motor	1,296,000
0			1,790 RPM	Turbine	1	Electric Motor	1,296,000
כ ו			1,180 RPM	Turbine		Electric Motor	1,296,000
=			1,760 RPM	Turbine		Electric Motor	864,000
:			1,760 RPM	Turbine		Electric Motor	457,920
3			1,750 RPM	Turbine		Electric Motor	835,200
1			3,450 RPM	Cent		Electric Motor	864,000
1			1,785 RPM	Turbine	1	Electric Motor	1,584,000
J			1,785 RPM	Turbine	1	Electric Motor	1,584,000
			3,500 RPM	Cent	1	Electric Motor	1,440,000
К			1,750 RPM	Cent		Electric Motor	172,800
K L				Cont	•	Electric Motor	170 000
K L M			1,750 RPM	Cent	-		172,800
K L			1,750 RPM 3,500 RPM 3,500 RPM	Cent Cent		Electric Motor Electric Motor	86,400 86,400

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Annual report of Aquarion Water Company of Massachusetts	Year ended December 31, 201
Pumping Information - Oxford	
 Give a general description of the method employed for delivering the water to the comp not; whether the company owns a pumping station or not; and giving all other pertinent in 	
Water is pumped from company owned pump stations into distribution system conta	ining a standpipe which floats on the system.
2. BOILER	
This schedule not presently used	
3. CHIMNEYS	
This schedule not presently used	
4. PUMPING ENGINES, STEAM- ACTUATED	
This schedule not presently used	
5. PUMPS, DRIVEN BY CONNECTED POWER	

	LOCATION		TYPE	NAME OF BUILDER	WHEN INSTALLED	COST
North Main Nelson Stre Sutton Ave. Sutton Ave.	Street #2 et #3 Booster Booster		Turbine Turbine Turbine Turbine Turbine Submersible	Bryon Jackson Deming Goulds G & L Goulds G & L Goulds Goulds	1959 1959 2005 1999 1999 2007	
NUMBER OF CYLS.			LENGTH OF STROKE	DIAM. OF PISTINS OR PLUNGERS	HOW DRIVEN	DISPLACEMENT PER 24 HOURS
	Turbine Turbine Turbine Turbine Turbine Submersible	1,750 RPM 1,750 RPM 1,750 RPM 3,500 RPM 3,500 RPM 3,500 RPM	· · ·	· · ·	LP. Gen LP. Gen Kohler L.P. Gen Electric Motor Electric Motor Electric Motor	432,000 576,000 1,152,000 72,000 72,000 432,000
	North Main Nelson Stre Sutton Ave. Sutton Ave. North Main NUMBER	North Main Street #1 North Main Street #2 Nelson Street #3 Sutton Ave. Booster Sutton Ave. Booster North Main Street #1A NUMBER OF CYLS. SINGLE OR DOUBLE ACTING Turbine Turbine Turbine Turbine Turbine Turbine	North Main Street #1 North Main Street #2 Nelson Street #3 Sutton Ave. Booster Sutton Ave. Booster North Main Street #1A NUMBER OF CYLS. SINGLE OR DOUBLE ACTING Turbine 1,750 RPM Turbine 1,750 RPM Turbine 3,500 RPM Turbine 3,500 RPM	North Main Street #1 Turbine North Main Street #2 Turbine Nelson Street #3 Turbine Sutton Ave. Booster Turbine Sutton Ave. Booster Turbine North Main Street #1A Submersible NUMBER OF CYLS. SINGLE OR DOUBLE ACTING RATED STROKES LENGTH OF CYLS. Turbine 1,750 RPM Turbine 1,750 RPM Turbine Turbine 1,750 RPM Turbine Turbine 3,500 RPM 3,500 RPM	North Main Street #1 Turbine Bryon Jackson North Main Street #2 Turbine Deming Nelson Street #3 Turbine Goulds Sutton Ave. Booster Turbine G & L Goulds Sutton Ave. Booster Turbine G & L Goulds North Main Street #1A Submersible Goulds NUMBER SINGLE OR DOUBLE ACTING RATED STROKES LENGTH OF STROKE DIAM. OF PISTINS OR PLUNGERS Turbine 1,750 RPM Turbine 1,750 RPM Turbine Turbine 1,750 RPM Turbine 3,500 RPM Turbine	North Main Street #1 Turbine Bryon Jackson 1959 North Main Street #2 Turbine Deming 1959 Nelson Street #3 Turbine Goulds 2005 Sutton Ave. Booster Turbine G & L Goulds 1999 Sutton Ave. Booster Turbine G & L Goulds 1999 North Main Street #1A Submersible Goulds 2007 NUMBER OF CYLS. SINGLE OR DOUBLE ACTING RATED STROKES LENGTH OF STROKE DIAM. OF PISTINS OR PLUNGERS HOW DRIVEN Turbine 1,750 RPM LP. Gen LP. Gen LP. Gen LP. Gen Turbine 1,750 RPM LP. Gen Kohler L.P. Gen Electric Motor Turbine 3,500 RPM 3,500 RPM Electric Motor Electric Motor

nnı	al report of Aquarion		mpany of Massa Pumping Inform		nued Hingham	Year ended Dee	cember 31, 20
<u>_</u>	6 1		samping more		uren Lungilani		
Ga	s Producers						
		This sched	ute not presently (used			
. Int	emal combustion en	gines.			·····		
	Location		Name of Builder		When installed	Type of Drive	Cost
A	Scotland Street		Continental		1956	Gear Dr	•
в	Downing Street		Continental		1966	Gear Dr	•
c	Free Street Well #3		Allis Chalmers		1968 1969	Gear Dr	*
<u> </u>					1000 1000		
				Dimensio	ns of Cylinders		
	For Gas, Gasoline	Number	Single or			2 or 4 Stroke	Rated H.P.
	or Oil	of Cyls.	Double Acting	Diameter	Stroke	Cycle	
A	L.P. Gas	6	Single	4	4 13/16	4	75
в	Natural Gas	6	Single	3 5/16	4 3/8	4	46 1/2
с	Natural Gas	6	Single	3 7/8	4 1/2	4	64
_		-	- 1			- 1	
. EL	ECTRIC MOTORS, IN	CLUDING	COST OF WIRIN	G SWITHCE	5		
	Location		Name of Builder		When installed		Cost
A	Futting Mill#1		U.S. Electric		1996	· · · · · · · · · · · · · · · · · · ·	
	Fuming Mal#1		U.S. Electric		1996		*
С	Free Street Well #2		U.S. Electric		1952		*
	Scotland Street Well		U.S. Motors		1998		*
Ē	Downing Street Well		U.S. Electric		1966		
	Free Street Well #3		U.S. Electric		1998		
	Free Street Well #2 Prospect Street		General Electric U.S. Electric		1969 1998		
ï	Free Street Well #4		U.S. Electric		1968		•
-	Accord #3		U.S. Electric		1996		•
-	Accord #4		U.S. Electric		1996		•
Ļ	Accord #5		U.S. Electric		1996		+
М	Beacon Road, Hull		U.S. Motor		1998		•
N	Free Street Well #5		Franklin		2001		•
0	Free Street Wel#2A		Centripro		2007		•
Ρ	Futing Mill Well#1		Centripro		2008		1
Q.	Fulling Mill Well #2		Centripro		2008		
R S	Scotland Street #1A Baker Hill Booster #1		Centripro Aurora		2008		
S T	Baker Hitl Booster #1 Baker Hitl Booster #2		Aurora Aurora		2006		.
U U	Baker Hill Booster #2		Aurora		2006		•
v	Baker Hill Booster #4		Aurora		2006		+
W	Baker Hill Booster #5		Aurora		2006		
	A.C. or D.C. if A.C. Gi	ve Phase	Volts		Type of Drive		Rated H.P.
<u> </u>	A.C. 3 Phase		460		Direct		. 42
	A.C. 3 Phase A.C. 3 Phase		460		Direct Direct		15 15
	A.C. 3 Phase		480		Direct		100
	A.C. 3 Phase		220/440		Direct		25
	A.C. 3 Phase		220/440		Direct		40
F	A.C. 3 Phase		230/460		Direct		60
	A.C. 3 Phase		460		Direct		25
	A.C. 3 Phase		230/460		Direct		20
	A.C. 3 Phase A.C. 3 Phase		460 460		Direct Direct		25 40
	A.C. 3 Phase		460		Direct		40 50
	A.C. 3 Phase		460		Direct		75
	A.C. 3 Phase		240		Direct		20
	A.C. 3 Phase		460		Direct		5
	A.C. 3 Phase		450		Direct		176
	A.C. 3 Phase		460		Direct		15
	A.C. 3 Phase		460		Direct		15
	A.C. 3 Phase		460		Direct		20
	A.C. 3 Phase		480		Direct		5
	A.C. 3 Phase		480		Direct		5
	A.C. 3 Phase A.C. 3 Phase		480 480		Direct Direct		8
- T			480				
W	A.C. 3 Phase		100		Direct		50

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* Cost of motor separately unavailable

			Pumping Inform	allon - Conti			
6. Ga	as Producers						
		This sched	ule not presently u	sed			
7. Int	ternal combustion en	gines.	1		1		
	Location		Name of Builder		When Installed	Type of Drive	Co
A	Jacques Well Station	#1	Kohler		2010	Generator	
в	Jacques Well Station		Kohler		2006	Generator	
D		#4			2000	Generator	
С	Oak Pond Well		Cummings		1988	Generator	
D	Sutton Road Booster		Kohler		1994	Generator	
Е	Brierly Pond Booster		Generac		2003	Generator	
				Dimension	a of Culindoro		
	For Gas, Gasoline	Number	Single or		ns of Cylinders	2 or 4 Stroke	Rated
A	or Oil Fuel Oil	of Cyls. 4	Double Acting Single	Diameter 4.19	Stroke 5	Cycle 4	15
			-				
В	Fuel Oil	6	Single	4	4 3/8	4	12
С	L.P. Gas	6	Double	5 1/4	15-24 centimeter	4	1
Ð	L.P. Gas	4	Single	4	5	4	1:
E	Gas	8	Double	5 1/4	5	4	1
8. EL	LECTRIC MOTORS, IN	ICLUDING		SWITHLES			
	Location		Name of Builder		When Installed		C
А	Jacques Well Station		U.S. Electric		2005		
B C	Jacques Well Station Oak Pond	#2	U.S. Electric U.S. Electric		2005 2008		
D	Sutton Rd. Booster		EFI		1993		
E	Brierly Pond Booster		U.S. Electric		2003	· · ·	
F	Brierly Pond Booster		U.S. Electric		2003		
G	Brierly Pond Booster		U.S. Electric		2003		
			U.S. Electric		2003		
	Brierly Pond Booster		U.S. Electric		2003		
	A.C. or D.C. if A.C. G	ive Phase	Volts		Type of Drive	-	Rated
A	A.C. 3 Phase		230/460	:	Direct		
В	A.C. 3 Phase		230/460		Direct		
С	A.C. 3 Phase		230/460		Direct		
D	A.C. 3 Phase		230/460		Direct		İ
E	A.C. 3 Phase		230/460		Direct		
F	A.C. 3 Phase		230/460		Direct		
G	A.C. 3 Phase		230/460		Direct		
Н	A.C. 3 Phase A.C. 3 Phase		230/460 230/460		Direct Direct		
 	1 7.V. J F 11886		200/400		Direct	Total Horse Power	I
					,	Total Horse Hower	

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[Annual report of Aquarion Water Company of	Massachusetts		Year ended

Pumping Information - Continued Oxford

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6. Gas Producers

This schedule not presently used

7. Internal combustion engines.

	ental compustion en	ginoa	r				
	Location		Name of Builder		When Installed	Type of Drive	Cost
A	#1 North Main Street		Koehler	<u>.</u>	2012	Generator	
в	#2 North Main Street		Koehler		2012	Generator	
с	#3 Nelson Street		Koehler		2005	Generator	
D	Sutton Ave.		Koehler		2000	Generator	
				Dimensio	ins of Cylinders		
Α	For Gas, Gasoline or Oll Fuel Oll	Number of Cyls. 4	Single or Double Acting Double	Diameter 4.19	Stroke	2 or 4 Stroke Cycle	Rated H.P. 197
^		-	Double	4.18	0	4	197
в	Diesel	4	Double	4.19	5	4	125
с	L.P. Gas	8	Single	4	4 3/8	4	125
D	L.P. Gas	6	Single	4	3.98	4 .	82
	ECTRIC MOTORS, IN		COST OF WIRING			· · · · · · · · · · · · · · · · · · ·	
	· · · · · · · · · · · · · · · · · · ·		1				
	Location		Name of Builder		When Installed		Cost
A	#1 North Main Street		U.S. Motors		1990)	
8	#2 North Main Street		U.S. Motors		1990)	
	#3 Nelson Street		U.S. Motors		2005		
	Sutton Ave, Booster		Baidor		1999		
	#1A North Main Street	t	Franklin		2007	,	
F							
G H							
	A.C. or D.C. if A.C. Gi	ve Phase	Volts		Type of Drive		Rated H.P.
A	A.C. 3 Phase		575		Direct		60
В	A.C. 3 Phase		575		Direct		60
C	A.C. 3 Phase		480]	Direct		100
D	A.C. 3 Phase		230/460		Direct		5
E	A.C. 3 Phase		575		Direct		. · 60
F	1		ł				
G							
H			<u> </u>			atal I lara Daura	L
					I	otal Horse Power	285

405 Annual report of Aquarion Water Company of Massachusetts Year ended December 31, 2012 Pumping Information - Continued. - Hingham 9. Water Wheels and Turbines Location Name of Builder When Installed Cost ٠ A. B. C. D. NONE Rated H.P. Type of Machine Working Head Speed Diam. of Runner Type of Driver A. B. C. D. 10. Give a full and complete description of any water power rights that are owned by the Company, and say when they were bought and what was paid for them

nnu	al report of Aquaric	n Water Company o	f Massachusetts			Year ended December 31, 2
		Pum	bing information -	Continued Millbr	ıry	
Wa	ter Wheels and Tur	bines			· · · · · · · · · · · · · · · · · · ·	
	Location			Name of Builder	When installed	Cost
L L J		NONE				
	Type of Machine	Diam. of Runner	Working Head	Speed	Type of Driver	Rated H.P.
1						
		hêm				

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	I report of Aquario	n Water Company o	of Massachusett	\$		Year ended December 31,
		Pump	oing information	- Continued Oxf	ord	
lat	er Wheels and Tur	bines				
	Location			Name of Builder	When Installed	Cost
		NONE				
	Type of Machine	Diam. of Runner	Working Head	Speed	Type of Driver	Rated H.P.
Gh	e a full and comp	lete description of a	ny water power	rights that are own	ned by the Compar	ny, and say when they were bou
a	nd what was paid	for them .		•		
	·					
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407 Hingham Annual report o	Aquarion Wate			Continued Hingha	Year ended Dee	ember 31, 201
11. Station log	System Delivery			t Water Treatment		
Year and Month 2012	Kwhrs Used	Pounds of coal Burned	Million Galions of Water Pumped	Hours of Pumping	Average Total Static Head	Average Total Dynamic Head
January	150,500		81.023	744		
·	123,900					
February March	123,900		72.496	696 744		
April	151,200		91.341	744		
Арии Мау	131,950		109.667	720		
June	167,650		116.535	720		
July	201,250		147,889	720		
August	167,650		127,002	744		
September	151,200		104.704	720		
October	174,300		85.278	744		
November	132,650		78.893	720		
December	141,400		81.117	744		
Totals	1,814,750		1,175.022	8,784	0 0)
					er cent allowance for slip	<u>.</u>
13. Average ga	lons per day		3.210	MG (366 days)		
14. Maximum g	allons pumped i	n a day	5.669	MG		
15. Date of sam	e , <u>-</u>		16-Jul-12			.
16. Range of pre	ssure in main		45-95 psi		· · · · · · · · · · · · · · · · · · ·	
17. Average pre	ssure in main		82 psi			

408				er Treatment Facility Only			
Annual report of Aquarion Wat	ter Company of Mas	sachusens ation • Continued		Year ended December 31, 2012			
	Pumping Informs	ation • Continued	Hingham				
18. Kind of coal							
19. Average price per net ton,	dellvered						
20. Average price of wood per	r cord, delivered						
21. Average price per gas per	M. cubic feet	<u></u> _					
22. Average price per gasoline	e per gallon, deliver	ed					
23. Average price of fuel oll p	er gallon, delivered	_					
24. Average price of electric p	oower per Kwhr	\$	0.14000				
25. Wood consumed durind ti	ne year						
26. Gas consumed during the	year						
27. Gasolin o consumed durin	g the year						
28. Fuel oil consumed during	the year						
29. Electric Power used durin	g the year		1,814,750 Kwhrs				
107 Annual report of	Aquarion Wate				···	Year e	nded December 31, 20
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			Pumping Informati	on - Continued	Hingham		
1. Station log			d to Water Treatm	ent Facility			
Year and Month 2012	Kwhrs Used	Pounds of coai Burned	Million Gažons of Water Pumped	Hours of Pumping		Average Total Static Head	Average Total Dynamic Head
January	6,765		27.064	744			
February	5,224		21.248	696		ļ	ľ
March	4,064		20.827	744			
April	3,958		24.989	720			
May	2,638		28.361	744			
June	6,590		23.311	696			
July	11,576		31.520	744		-	
August	8,632		32.602	744			
September	8, 199		22.422	720			
October	7,494		16.144	744			
November	5,189		7.641	720			
December	5,833		11.321	720			
Totals	76,162	. (267.450	8,738	0	0	
2. Based upon 3. Average gal		nt of(gallons per revolut 0.731 /	tion with	_per cent allow	rance for elip	- .
4, Maximum ga	illons pumped i	n a day	2.02)	KG			
5. Date of same	e, .		20-Jul-12		_		
6. Range of pre	ssure in main		5-10 psl				
7. Averace ore:	ssure in main		10 psi				

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Annual report of Aquarion Water Company of Massachusetts Year ended December 31, 2 Pumping Information - Continued Hingham 18. Kind of coal 19. Average price per net ton, delivered 20. Average price of wood per cord, delivered 21. Average price per gas per M. cubic feet 22. Average price per gas per M. cubic feet 23. Average price per gasoline per gallon, delivered 23. Average price of fuel oil per gallon, delivered 24. Average price of fuel oil per gallon, delivered 25. Wood consumed durind the year 26. Gas consumed during the year
19. Average price per net ton, delivered 20. Average price of wood per cord, delivered 21. Average price per gas per M, cubic feet 22. Average price per gasoline per gallon, delivered 23. Average price of fuel oil per gallon, delivered 24. Average price of electric power per Kwhr \$ 0,1500 25. Wood consumed during the year 26. Gas consumed during the year
20. Average price of wood per cord, delivered
22. Average price per gasoline per gallon, delivered 23. Average price of fuel oil per gallon, delivered 24. Average price of electric power per Kwhr \$ 0.1500 25. Wood consumed durind the year 26. Gas consumed during the year
22. Average price per gasoline per gallon, delivered 23. Average price of fuel oil per gallon, delivered 24. Average price of electric power per Kwhr \$ 0.1500 25. Wood consumed durind the year 26. Gas consumed during the year
23. Average price of fuel oil per gallon, delivered
23. Average price of fuel oil per gallon, delivered 24. Average price of electric power per Kwhr 5 0.1500 25. Wood consumed durind the year 28. Gas consumed during the year
24. Average price of electric power per Kwhr \$ 0.1500 25. Wood consumed durind the year
24. Average price of electric power per Kwhr \$ 0.1500 25. Wood consumed durind the year
25. Wood consumed durind the year
28. Gas consumed during the year
28. Gas consumed during the year
17 Capallan nanarumad dudan tha unar
ει, σασοπιο εντισμημα σατική της γκαι
28. Fuel oil consumed during the year
29. Electric Power used during the year 76,162 Kwtys

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Annual report of	Aquarion Wate					ded December 31
			Pumping informati	on - Continued Hinghar	ŋ	
11. Station log			ell 1 to Water Trea	tment Facility		
Year and Month 2012	Kwtws Used	Pounds of coal Burned	Miligon Galions of Water Pumped	Hours of Pumping	Average Total Static Head	Average Total Dynamic <u>Head</u>
January	24,695		12.198	744		
February	20,815		11.307	696		
March	18,104		11.873	744		
April	21,349		11.233	720		
May	15,892		11.457	744		
June	18,595		11.683	720		
July	21,108		13.784	744		
August	20,442		12.613	744		
September	22,661		11.779	720		
October	18,612		11.633	744		
November	21,188		12.898	720		
December	25,023		13.530	744		
Totals	248,684		0 145,988	8,764	0 0	
12. Based upon 13. Average gal		nt of		tion withper cen	t allowance for slip	
14. Maximum gailons pumped in a day			0.582 1	MG	<u></u>	
16. Date of same	», .		31-May-12			
16. Range of pre	ssure in main		35-45 psi	······	······	

408			Water Treatment Facility	
Annual report of Aquarion V	Vater Company of Massachu	isetts		Year ended December 31, 20
	Pumping	nformation -	Continued Hingham	
18. Kind of coal			······	
19. Average price per net to	on, delivered			
20. Average price of wood	per cord, delivered			- ** ***
21. Average price per gas p	er M. cubic feet			
22. Average price per gaso	line per galion, delivered		<u></u>	
23. Average price of fuel of	l per galion, delivered	•		
24. Average price of electri	c power per Kwhr	\$	0.1400	
25. Wood consumed during	d the year			
26. Gas consumed during (the year			
27. Gasoline consumed du	ring the year		······································	
28, Fuet oll consumed duri	ng the year			
29. Electric Power used du	ring the year		248,684 Kwhrs	

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407							
Annual report of	Aquarion	Water Compa	my of Massachu	sotta			Year ended December 31, 2012
			Pumping	Information - Co	ntinued Hi	ngham	
11. Station log	F	ulling Mill We	ali 2 to Water Tre	atment Facility			
Year and Month 2012	Kwhrs Used	Pounds of coal Burned	Million Gallons of Water Pumped	Hours of Pumping		Average Total Static Head	Average Total Dynamic Head
January February			9.627 8.702	744 696			
March			8.985	744			
April			8.597	720			
May			8.716	744			
June			7.895	720			
July			6.842	744			
August			6.686	744			
September			5.302	720			
October			4.669	744			
November			4.662	720			
December			4.689	744		-	
Totals	0	0	85.372	8,784	0	0	0
12. Based upon	the displa	cement of	gallons pe	r revolution with	per	cent allowar	ice for slip
13. Average gall	ions per da	ıy	0.233	MG (366 days)			
14. Maximum ga	ullons pum	ped in a day	0.338	MG			
15. Date of same	θ,		<u>31-May-12</u>				
16. Range of pre	ssure in m	ain	35-45 psi				
17. Average pre	ssure in m	ain	40 psi				

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	o Water Treatment Facility
Annual report of Aquarion Water Company of Massachusett	s Year ended December 31, 2012
Pumping inte	ormation - Continued Hingham
18. Kind of coal	
19. Average price per net ton, delivered	
20. Average price of wood per cord, delivered	
21. Average price per gas per M. cubic f <u>eet</u>	
22. Average price per gasoline per gallon, delivered	
23. Average price of fuel oll per gallon, delivered	
24. Average price of electric power per <u>Kwhr</u> ss	e Futting Mit 1 meter
25. Wood consumed durind the year	
28. Gas consumed during the year	
27. Gasoline consumed during the year	
28, Fuel oll consumed during the year	
29. Electric Power used during the year	see Fulling Mill 1 meter

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inual report of a	Aquarion Water (Company of L				Year	ended December 31, 201
			Pumping Intom	nation - Continue	a Hingham		
1. Station log			St to Water Treatm	ent Facility			
Year and Month 2012	Kwhrs Used	Pounds of coal Burned	Million Gallons of Water Pumped	Hours of Pumping		Average Totai Static Head	Average Total Dynamic Head
January	3,583		4.915	672			
February	3,136		9.618	696			
March	4,484		9.561	720			
April	8,991		13.187	720		•	
May	7,486		13.368	744			
June	6,736		9.606	648			
Juty	11,842		11.206	744			
August	6,779		9.182	698			
September	6,448		8.619	720			
October	7,523		9.202	698			
November	7,959		11.838	720			
Dacembar	8,904		8.759	576			
Totals	83,851		0 119.081	8,352	0	0	
2. Based upon t 3. Average gallo	·	t ofg	alions per revoluti	on with MG (368 days)	ber cent allowa	nce for slip <u></u>	
4. Maximum gal	lons pumped in	a day	0.953	MG			
5. Date of same,	· -		21-Jun-12				
). Range of pres	sure in main		5-10 psi				
7. Average pres	sure in main		8 psi				

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408 Scotland St to	Water Treatment Facility	
Annual report of Aquarion Water Company of Massachusetts	rmation - Continued Hingham	Year ended December 31, 2012
	Amation - Continued Ringham	
18. Kind of coal		
19. Average price per net ton, delivered		
20. Average price of wood per cord, delivered	,	
21. Average price per gas per M. cubic feet		
22. Average price per gasoline per gallon, delivered	·	·
23. Average price of fuel oll per gallon, delivered		
24. Average price of electric power per Kwhr	\$ 0.1500	
25. Wood consumed durind the year		
26. Gas consumed during the year		
27. Gasoline consumed during the year		
28. Fuel oil consumed during the year		
29. Electric Power used during the year	83,851 Kwtrs	

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107 Annual report of /	Aquarion Water	Company of L	lassachusatte			Vair	ended December 31, 2012
initial report of a	Aquation mater	ovinpany or n	Pumping Informa	ation - Continu	ed Hingha		chied beceniber ally 2012
1. Station log			Downing Street We	41			
Year and Month 2012	Kwhrs Used	Pounds of coal Burned	Million Gallons of Water Pumped	Hours of Pumping		Average Total Static Head	Avarage Total Dynamco Head
January	1,338		0.000	. (
February	2,053		0.000	(4		
March	1,583		0.000	(>		
April	1,201		0.000	(
Мау	811		0.000	(
June	525		0.000	(1
July	451		0.000				
August	894		0.000	(
September	546		0.000	(
October	1,397		0.000	(
November	1,443		0.000	ł			
December	1,896		0.000	(
Totals	14,138		0.000			0 0	0
 Based upon ti Average gallo 	-	t ofg		ion with	_per cent	atiowance for slip	
i4. Maximum galions pumped in a day			01	HG			
5. Date of same,	· –			-			
6. Range of pres	sure in main _		80-95 psi				
7. Average pres	sure in main		82 psi				

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408		Street Well	
Annual report of Aquarion Water	Company of Massachus Pumping Information - C		Year ended December 31, 20
	Pumping montation - C	onunuea ningnam	
18. Kind of coal			
19. Average price per nat ton, deliv	vered		
20. Average price of wood per cord	1, delivered		
21. Average price per gas per M. c	ubic feet		
22. Average price per gasosne per	galon, deivered		
23. Average price of fuel oil per ga	llon, delivared		
24. Average price of electric power	r per Kwhr	\$ 0.1500	
25. Wood consumed durind the ye	ar		
26. Gas consumed during the year	r		
27. Gasoline consumed during the) year		
28. Fuel oil consumed during the y	/ear		
29. Electric Power used during the	vear	14,138 Kwives	

107 Annual report of	Aquarion Wate					Year	ended December 31, 201
			Pumping Informati	on - Continued	l Hingham		· · · ·
1. Station log		Prospect St	neet to Water Treat	ment Facility			
Year and Month 2012	Kwhrs Used	Pounds of coal Burned	Milton Gallons of Water Pumped	Hours of Pumping		Average Total Static Head	Average Totai Dynamic Head
January	3,635		6.618	720			
February	3,332		7.132	696			
March	3,046		8,108	744			
April	3,974		7.892	720			
May	3,063		7.589	744			
June	2,300		4.533	672			
July	2,715		4.234	720			
August	2,073		4.654	744			
September	1,844		3.948	672			
October	2,806		6.702	696			
November	3,059		7.691	720			
December	3,540		7.613	. 744			
Totals	35,387		76.714	8,592	0	0	
2. Based upon i 3. Average gail		nt of	gailons per revolut		_per cent all MG (366 days		-
4. Maximum ga	lions pumped h	n a day		0.467	MG		
5. Date of same)			7-Apr-12			
6. Range of pres	ssure in main _		5-10 psi				
7. Average pres	sure in main		10 psi				

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08 Prospect	Street to Water Treatment Facility	
Annual report of Aquarion Water Company of Massachus	etts	Year ended December 31, 201
Pumping information	n - Continued Hingham	
8. Kind of coal		
9. Average price per net ton, delivered		
20. Average price of wood per cord, delivered		<u></u>
1. Average price per gas per KL cubic feet		
2. Average price per gasoline per gallon, delivered		
23. Average price of fuel oll per gallon, delivered		
24. Average price of electric power per Kwhr	\$ 0.1500	
25. Wood consumed durind the year		
26. Gas consumed during the year		
27. Gasoline consumed during the year		
28. Fuel oll consumed during the year		
29. Electric Power used during the year	35,387 Kwhrs	

07 nnual report of A	quarion Water	Company of I	assachusetts			Yearen	ded December 31, 20
			Pumping Information	tion - Continue	d Hingham		
I. Station log		Free Street	#2 to Water Treatm	ent Facility			
Year and Month 2012	Kwtrs Used	Pounds of coal Burned	Mitton Gatons of Water Pumped	Hours of Pumping		Average Total Static Head	Average Total Dynamic Head
January	D,		0.000	0			
February	0		0.000	0			
March	o		0.000	0			
April	o		0.000	o			
May	o		0.000	0			
June	0		0.000	o			
July	c		0.000	· 0			
August	o		0.000	o			
September	0		0.000	0			
October	0		0.000	0			
November	0		0.000	0			
December	0		0.000	o			
Totals			0 0.000			0 0	
2. Based upon ti	e displacemen	t of(jällons per revolutik	on with	per cent alk	wance for slip	
. Average gallo	ns per day		0.000 h	<u>IG (368 days)</u>			
i. Maximum gall	ons pumped in	a day	0)	<u>/G</u>			
. Date of same,	-		<u>-</u>				, <u>, , , , , , , , , , , , , , , , </u>
. Range of press	ure in main _		50-60 psi		<u></u> -		
			55 psi				

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	Street #2 to Water Treatment Facility	
Annual report of Aquarion Water Company of Massach		Year ended December 31, 2012
Pumping	Information - Continued Hingham	
18. Kind of coal	·	
19. Average price per net ton, delivered		
	·	
20. Average price of wood per cord, delivered	<u> </u>	
21. Average price per gas per M. cubic feet		
oo too and to construct the second to define a		
22. Average price per gasoline per gallon, delivered		
23. Average price of fuel oil per gallon, delivered		
		<u></u>
24. Average price of electric power per Kwhr	N/A	
25. Wood consumed durind the year	·····	
26. Gas consumed during the year		
	·····	
27. Gasoline consumed during the year		
28. Fuel oil consumed during the year		· · · · · · · · · · · · · · · · · · ·
29. Electric Power used during the year	0 Kwturs	
22. Elevato Power used during the year		
		۰.

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407							
Annual report o	f Aquarion Wate		Assachusetts Pumping inform	tion - Continue	d Hingham	Yea	r ended December 31, 2012
···			r sauping morns	anon - Gonende	11111911011		
11. Station log	<u></u>		& #5 to Water Tre	atment Facility			
		Pounds	Million			Average	Averege
Year and Month	Kwhrs Used	of coal Burned	Galions of Water Pumped	Hours of Pumping		Total Static	Total Dynamic
2012	0000	. Danisa	nator i unipod	1 catipang		Head	Head
1							
January	25,880		0.000	0			
February	18,360		0.000	0			
March	21,480		0.000	0			ļ
marca			0.000	, v		ľ	1
April	24,760		0.000	0			
			0.000				
May	23,120		0.000	0			
June	31,200		1.049	144			
July	60,680		5.951	600			
August	30,520		0.594	96			
V02031	00,020		0.004	~			
September	31,440		0.981	216			
October	36,400		5.574	504			
November	39,400		9.620	720			
December	41,920		10.511	744			
Totais	385,160	0	34.280	3,024	0	0	
	ses same electric		, 04.2001	0,024		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
	the displaceme		lions per revoluti	ion with	per cent allowar	ice for slip	
13. Average ga	Rone ner dav		0.004	MG (368 days)			1
IN MICHANG BY	nons per oay		0,034	mG (000 0ajs)			
							1
14. Maximum g	allons pumped i	n a day	0.384	MG			
15. Date of sam	A		6-Dec-12				
			0.000 14				
16. Range of pre	essure in main		50 -60 psi				
1							
17. Average pre	essure in main		65 psi				· · · · ·

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Pumping information - Continued Hingham 18. Kind of coal 19. Average price per net ton, delivered 20. Average price of wood per cord, delivered 21. Average price per gas per M. cubic feet 22. Average price per gas per M. cubic feet 23. Average price of fuel oil per gallon, delivered 24. Average price of fuel oil per gallon, delivered 25. Wood consumed durind the year 28. Gas consumed during the year	403	ee Street #3 & #5 to Water Treatment Facility	
18. Kind of coal 19. Average price per net ton, delivered 20. Average price of wood per cord, delivered 21. Average price per gas per M. cubic feet 22. Average price per gasoline per gallon, delivered 23. Average price of fuel oil per gallon, delivered 24. Average price of fuel oil per gallon, delivered 25. Wood consumed durind the year 28. Gas consumed during the year			Year ended December 31, 2012
19. Average price per net ton, delivered 20. Average price of wood per cord, delivered 21. Average price per gas per M. cubic feet 22. Average price per gasoline per gallon, delivered 23. Average price of fuel oil per gallon, delivered 24. Average price of electric power per Kwhr \$ 0.1200 25. Wood consumed durind the year 28. Gas consumed during the year	FU;	ing mormadon - continued misignam	
20. Average price of wood per cord, delivered 21. Average price per gas per M. cubic feet 22. Average price per gasoline per gallon, delivered 23. Average price of fuel oil per gallon, delivered 24. Average price of electric power per Kwhr \$ 0.1200 25. Wood consumed durind the year 28. Gas consumed during the year	18. Kind of coal	· · · ·	
21. Average price per gas per M. cubic feet 22. Average price per gasoline per gallon, delivered 23. Average price of fuel oil per gallon, delivered 24. Average price of electric power per Kwhr \$ 0,1200 25. Wood consumed durind the year 28. Gas consumed during the year	19. Average price per net ton, delivered		
22. Average price per gasoline per gallon, delivered 23. Average price of fuel oil per gallon, delivered 24. Average price of electric power per Kwhr \$ 0,1200 25. Wood consumed durind the year 28. Gas consumed during the year	20. Average price of wood per cord, delivered	· · · · -	
23. Average price of fuel oil per gallon, delivered 24. Average price of electric power per Kwhr \$ 0.1200 25. Wood consumed durind the year 28. Gas consumed during the year	21. Average price per gas per M. cubic feet		
24. Avarage price of electric power per Kwhr \$ 0.1200 25. Wood consumed durind the year	22. Average price per gasoline per gallon, delive	d	
25. Wood consumed durind the year	23. Average price of fuel oil per gallon, delivered		
25. Wood consumed durind the year	24. Average price of electric power per Kwhr	\$ 0.1200	
	25. Wood consumed durind the year		
	28. Gas consumed during the year		
27. Gasoline consumed during the year	27. Gasoline consumed during the year		
28. Fuel oil consumed during the year	28. Fuel oil consumed during the year		

THE COMMONWEALTH OF MASSACHUSETTS

RETURN

OF

AQUARION WATER COMPANY OF MASSACHUSETTS

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Year Ended December 31, 2012

Name of Officer to whom correspondence should be addressed regarding this report,

Debra Kirven Official Title Controller

Office Address: 600 Lindley Street

No

Annual report of .	Aquarion Water	Company of M				Ye	ar ended December 31, 2
		· · · ·	Pumping information	tion - Continue	i Hingham		·
1. Station log			A to Water Treat	nent Facility			
Year and Month 2012	Kwhrs Used	Pounds of coal Burned	Milion Gallons of Water Pumped	Hours of Pumping		Average Total Static Head	Averege Total Dynamic Head
January	1,680		0.000	٥			
February	1,470		0.000	o			
March	1,470		0.000	o			
Apri)	4,200		8.194	360			
May	16,590		22.810	744			
Juna	25,410		23.809	720			
Juty	35,700		27.017	744			
August	26,880		22.958	744			
September	18,900		9.839	360			
October	630		0.000	o			
November	1,050		0.000	o			
December	1,470		0.000	o			
Tolais	135,450	0	114,627	3,672	0	0	
-	-	it ofg	allons per revolut		per cent allow	nce for slip	-
 Average galle . 	ons per day		0.313 A	/G (366 days)			
l4. Maximum ga	ilons pumped in	a day		//G			
15. Date of same	b _	· · · · · · · · · · · · · · · · · · ·	6-Aug-12				
 Range of pres 	sure in main _		50-60 psi				
7 Average pres	sure in main		55 psi				

408 F	ree Street #2A to Water Treatment Facility	
Annual report of Aguation Water Company of Ma	sear meette	Year ended December 31, 2
Pu	mping Information - Continued Hingham	
18. Kind of coal		
		······································
19. Average price per net ton, delivered		
10. Average brive bet tist tott usintered		
20. Average price of wood per cord, delivered _		····
21. Average price per gas per M. cubic feet		
22. Average price per gasoline per gallon, delive	red	
23. Average price of fuel oil per gallon, delivered	4	
to: Aretage proc of the of pol galon, demoto-	1	
24. Average price of electric power per Kwhr	\$ 0,3600	······································
25. Wood consumed durind the year		
·		
26. Gas consumed during the year		
_		1
27. Gasoline consumed during the year		,
28. Fuel oll consumed during the year		
		<u> </u>
29. Electric Power used during the year	135,450 Kwhrs	

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nnual report o	f Aquarion Water	r Company of	Massachusetts			Yea	r ended December 31, 2012
			Pumping Inform	ation - Continued H	Ingham		
1. Station log			#4 to Water Treatr	nent Facility			
Year and Month 2012	Kwhrs Used	Pounds of coal Burned	Million Gallons of Water Pumped	Hours of Pumping		Average Total Static Head	Avaraga Total Dynamic Head
January			24.744	744			
February			22.638	696			
March	1		23.932	744			
April			21.847	720			
May			23,334	744	ļ		
June			22.914	720			
July			27.168	744			
August			23.274	744			
September			22.888	720	Ì		
October			24.407	744			
November			23.361	720			
December			23,967	744			
Totals	0] er at Free St # 3		0 284.474	8,784	0	0	0
		nt of		tion withper	cent allowa	ance for allp	
3. Average ga	lons per day		0.777	NG (366 days)		<u></u>	· · · · · · · · · · · · · · · · · · ·
4. Maximum g	alions pumped li	n a day	1.342	MG		<u></u>	, , , , , , , , , , , , , , , , , , ,
5. Date of sam	÷, -	····	17-Jul-12				
6. Range of pro	ssure in main		50 -60 psi				
7. Average pro	essure in main		55 psi				

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		eet #4 to Water Treatment Fac		
Annual report of Aquarion	Water Company of Massachu			nded December 31, 2012
	Pumping i	nformation - Continued Hingh	am	
18. Kind of coal				
të, Average price per net	ion, delivered			
20. Average price of wood	per cord, delivered			
21. Average price per gas	per M. cubic feet			
22. Average price per gas	pline per gallon, delivered			
23. Average price of fuel o	il per gallon, delivered			
24. Average price of elect	ic power per Kwhr	Sea Frea St#385		
25. Wood consumed duri	nd the year			
26. Gas consumed during	the year			
27. Gasoline consumed d	uring the year	• 	_ <u></u>	
28. Fuel oil consumed du	ing the year	·····		·
29. Electric Power used d			Kwhrs	

			Pumping Information	lon - Continued	d Milloury		
1. Station Log			Total System				
Year and Month 2012	Kwhrs Used	Purchased Water (MG)	Million Galions of Water Pumped	Hours of Pumping	Total System (MG) Includes Purchased Wr	Average Total Statio Head	Average Total Dynamic <u>Head</u>
January	99,320	0.000	41.828	1,830	41.828		
February	92,510	0.000	41.498	1,921	41.498		
March	80,460	0.000	37.027	1,744	37.027		
Aprili	89,450	0.000	47.634	2,208	47.634		
May	81,470	0.000	60.592	2,081	50.592		
June	100,090	0.000	50.618	1,988	50.618	1	
July	92,650	0,000	59.015	2,580	59.015		
August	107,650	0.000	52.290	2,258	52.290	1	
September	108,140	0.000	51.223	1,730	51.223		
October	93,010	0.000	48.851	1,580	48.851	Ì	
November	88,670	0.000	44.849	1,505	44.849		
December	81,970	1.978	43.193	1,584	45.171		
Totals	1,113,290	1,978	568.718	22,987	570.698	0	
2. Based upon 3. Average gali		t ofga		on with	per cent allowanc	e for slip	··
l4, Maximumga	lions pumped in	a day	2.589	/G	<u> </u>	<u></u>	
15. Date of same	· -		15_Jul-12				<u>-</u>
i6. Range of pre	sure in main	21	los to	125	Ros		
17. Average pre	sure in main _	73	los per sq in	<u>. </u>			

408 Total System	m	
Annual report of Aquarion Water Company of Massachusetts Pumping Information - Cont	s Inved Millbury	Year ended December 31, 2012
	integration in the second s	······
18. Kind of coal		
19. Average price per net ton, delivered		
20. Average price of wood per cord, delivered		
21. Average price per gas per M. cubic feet		
22. Average price per gasoline per gallon, delivered		
23. Average price of fuel oll per gallon, delivered		······································
24. Average price of electric power per Kwhr	\$ 0.1289	
25. Wood consumed durind the year		
26. Gas consumed during the year		
27. Gasoline consumed during the year		
28. Fuel oil consumed during the year		
	1,113,290 Kwhrs	

407 Annual report o	f Aquarion Water	Company of h		a Continued Million		nded December 31, 2
11. Station Log			Pumping Information	on - Continued Millib	ury	
Year and Month 2012	Kwhrs Used	Pounds of coal Burned	Million Million Gallons of Water Pumped	Hours of Pumping	Average Total Static Head	Average Total Dynamic Head
January	25,500		13.263	320		
February	28,000		4.742	114		
March	16,600		1.066	27		
April	3,400		2.328	56		
May	6,500		13.959	340		
June	28,000		8.343	209		
July	16,200		13.007	330		
August	25,700		6.940	215		*
September	20,200		7.926	197		
October	16,700		8.580	207		
November	17,100		8.079	204		
December	18,800		5.063	129		
Totais	220,700	0	93.294	2,348	0	
	the displacement	t ofg	allons per revolutior		nt allowance for slip	
13. Average ga	llons per day		0.255	MG (366 days)		<u></u>
14. Maximum g	allons pumped in	a day	1.176	MG		·····
15. Date of san	Ne, `		8-May-12			
16. Range of pr	essure in main	21	los to	125 lbs	<u></u>	
17. Average pr	essure in main	73	lbs per sq in	· · · · · · · · · · · · · · · · · · ·		

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408 Millibury Ave, Station
Annual report of Aquarton Water Company of Massachusetts Year ended December 31, 2012
Pumping Information - Continued Millbury
18. Kind of coal
19. Average price per net ton, delivered
20. Average price of wood per cord, delivered
21. Average price per gas per M, cubic feet
22. Average price per gasoline per gallon, delivered
23. Average price of fuel oli per gallon, delivered
24. Average price of electric power per Kwhr\$ 0,1412
25. Wood consumed durind the year
26. Gas consumed during the year
27. Gasoline consumed during the year
28. Fuel oil consumed during the year
29. Electric Power used during the year 220,700 Kwhrs

407 Annual repor	rt of Aquarion Water					Year ended	December 31, 201
		Pi	mping informatio	n - Conlinued	Milbury		
11. Station L	og		Oak Pond Station				
Year and Month 2012	Kwhrs Used	Pounds of coal Burned	Million Gallions of Water Pumped	Hours of Pumping		Average Tolal Static Head	Average Total Dynamic Head
January	14,720		0.000	•			
February	3,360		10.602	397			
March	7,360		9,802	354			
April	22,400		18.691	696			
May	19,520		15.799	585			
June	23,040		18.514	692			
July	25,600	•	20.185	748			
August	27,200		19.405	718			
September	28,640		19.539	725			
October	27,360		16.227	623			
November	28,320		13.779	579			
December	21,920		14.543	686			
Tolais	249,440	0	177.086	6,803	0		
12. Based up	pon the displaceme	nt ofga	lions per revoluti	on with	_per cent allows	ince for slip	
13. Average	gallons per day _	<u> </u>	0.484	MG (366 days	s)		
14. Maximur	n gallons pumped ir	a day	0.822	MG			
15. Date of s	ame,		12-Aug-12				
16. Range of	pressure in main	21	lbs to	125 k	s		

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408		Pond Station	
Annual report of Aqua	rion Water Company of Massac		Year ended December 31, 2012
	Pumping Information	Continued Milibury	
18. Kind of coal			
19. Average price per	net ton, delivered		
20. Average price of v	rood par cord, delivered		
21. Average price per	gas per M. cubic feet		
22. Average price per	gasoline per gallon, delivered		······
23. Average price of f	uel oil per gallon, delivered		
24. Average price of e	lectric power per Kwhr	\$_0.1167	
25. Wood consumed	durind the year	· · · · · · · · · · · · · · · · · · ·	
26. Gas consumed du	ring the year	· · ·	
27. Gasoline consum	ed during the year		<u></u>
28. Fuel oil consumed	I during the year		
29. Electric Power us	ed during the year	249,440 Kwhrs	

Annual report of	Aquarion Wate	r Company o	Pumping Info	rmation - Continue	d Millbury	Year en	ded December 31, 2012	· · · ·
11, Station Log		Jacon	es #1 N. Main St.					
Year and Month 2012	Kwhrs Used	Pounds of coal Burned	Milion Gallons of Water Pumped	Hours of Pumping		Avarage Total Static Head	Average Total Dynamic Head	
January	31,300		16,391	754				
February	30,850		15.151	705			j	
March	28,150		18.896	740				
April	32,600		15,707	728				
Мау	30,050		11,933	578				
June	24,750		18.600	724				
July	29,250		16.628	750	[
August	33,450		18.393	749			1	
September	35,750		22.945	731				
October	34,600		24.044	750				
November	39,900		23.091	722	1			
December	39,900		23,587	749	ļ			
Totals	390,550	(223,366	8,680	0	(0	
12. Based upon	the displaceme	nt of	_galions per rev	olution with	_per cent allow	ance for slip		
13. Average gall	ons per dav		0,610	IIG (366 days)				
14, Maximum ga	lions pumped l	n a day	0.98	MG	. <u> </u>			
15. Date of same	1.		5-Aug-12					
	•	· · · · · · · · · · · · · · · · · · ·		· ···· <u>···</u> · ···	·			
16. Range of pre	ssure in main	21	los lo	125 lbs				
17. Average pre	ssure in main	73	i libs oer sq in					
					······································			
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408 Jacques I	#1 N. Main St. Station	
Annual report of Aquarion Water Company of Massach	usetts	Year ended December 31, 2012
Pumping Information - Continu Pumping Information -	Continued Milibury	
18. Kind of coal		
19. Average price per net ton, delivered		
20. Average price of wood per cord, delivered		
21. Average price per gas per M. cubic feet		
22. Average price per gasoline per gallon, delivered	·	
23. Average price of fuel oll per gallon, delivered	·······	
24. Average price of electric power per Kwhr	\$ 0.1148	
25. Wood consumed durind the year		
26. Gas consumed during the year		
27. Gasoline consumed during the year		
28, Fuel oli consumed during the year		
29. Electric Power used during the year	390,550 Kwhrs	

Annual report	of Aquarion Water	Company of Ma	ssachusetts			Year ender	1 December 31, 20
			Pumping Informatio	n - Conunued	MINDURY		
11. Station Lo	9		es #2_N, Main St. S	ation			
Year and Month 2012	Kwters Used	Pounds of coal Burned	Million Gallons of Water Pumped	Hours of Pumping		Average Total Static Head	Average Total Dynamic Head
January	27,800		12.174	756			
February	32,300		11.003	705			
March	28,350		9.263	623			
April	31,050		10.910	728			
May	25,400	ļ	8.901	678			
June	24,300		5.161	361			
Juży	21,600	I	9,195	752		ļ	
August	21,300		7.552	676			
September	23,550		0.813	· 77			
October	14,350		0.000	0			
November	1,250		0.000	0			
December	1,350		0.000	0			
Totals	252,600	0	74.972	5,156	0	0	
12. Based upo	on the displacement	ofgal	lons per revolution	withP	er cent allowance	for slip	
13. Average g	alions per day _		0.205	<u>MG (366 days)</u>			
dd Marilanaa	galions pumped in	- An.,	0.400				
19. Maximum	ganous hnubed m	a uay	0.493	MG			
15. Date of sa	me, –		1-Jan-12				
16. Range of p	ressure in main	21	lbs to	125	lbs	··	·····
17 Augers -	ressure in main	74	lbs per sq in				
				·			

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408 Jacqu	ies #2 N. Main St. Station	
Annual report of Aquarion Water Company of Massachi	usetts	Year ended December 31, 2012
Pumpi	ing Information - Continued Milibury	
18. Kind of coal		
19. Average price per net ton, delivered		<u></u>
20. Average price of wood per cord, delivered	<u> </u>	
21. Average price per gas per M. cubic feet		
22. Average price per gasoline per gallon, delivered	·····	
23. Average price of fuel oli per gallon, delivered	······	
24. Average price of electric power per Kwhr	\$ 0.1522	
26. Wood consumed durind the year		•
26. Gas consumed during the year		
27. Gasoline consumed during the year		
28. Fuel oil consumed during the year		
29. Electric Power used during the year	252,600 Kwhrs	
	<u> </u>	

407							
Annual report	of Aquarion Water	Company of M	assachusetts		Y	ear ended Dece	mber 31, 2012
		Pur	nping Information - C	ontinued Oxford			
11. Station Log	1		Total System				
Year and Month 2012	Kwturs Used	Pounds of coal Burned	Million Gallons of Water Pumped	Hours of Pumping		Average Total Static Head	Average Total Dynamic Head
January	37,120		17.816	1,097			
February	39,000		16.845	1,025			
March	40,000		18.718	1,154	í		
April	45,080		21.734	1,240			
May	41,000		23.304	1,259			
June	48,840		23.535	1,246	}		
July	47,720		25.455	1,420			
August	53,360		22.431	1,259		•	
September	57,720		20.194	1,226			x
October	36,360		18.105	1,062		•	
November	39,000		16,458	916	ļ		
December	35,400		17.635	973			
Totals	520,600	0	242.230	13,877	0	0	
·	on the displaceme allons per day	nt ofg	allons per revolution 0.662	withper NG (366 days)		ce for slip	
14 Maximum	galions pumped is	n a dav	1.167	MG			
	Generie beniber i						
15. Date of sa	me,		<u>15-Jul-12</u>	, <u>,</u> ,	<u> </u>		
16. Range of p	vessure in main _	48	lbs to	112	ibs		
17. Average p	ressure in main _	80	lbs per sq in				

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408		- <u></u>	<u></u>
Anr	ual report of Aquarion Water Company of Massachusetts		Year ended December 31, 2012
	Pumping Information - Continued O	xford_	·····
18.	Kind of coal		
19,	Average price per net ton, delivered		
20.	Average price of wood per cord, delivered	•	
21.	Average price per gas per M. cubic feet		
22.	Average price per gasoline per gallon, delivered		
23.	Average price of fuel oil per gallon, delivered		
24.	Average price of electric power per Kwhr	\$	0.1205
25,	Wood consumed durind the year	·	
26.	Gas consumed during the year	.	
27.	Gasoline consumed during the year	··	
28.	Fuel oil consumed during the year		
29.	Electric Power used during the year		520,600 Kwhrs

407						······································		İ	
Annual report of	of Aquarion Water C	ompany of Ma	ssachusetts Pumping Inform	ation Contin	uad Ordand	Year ende	d December 31, 2012		
								a da	× 1
11. Station Log Year and Month 2012	Kwhrs Used	No Pounds of coal Burned	rth Main St. Well Mion Galeons of Water Pumped	Hours of Pumping		Average Total Static Head	Average Total Dynamic Head		
January	7,200		0.000	0					
February	10,200		0.000	0	1				
March	13,600		0.000	٥					
Apnil	16,600		0.000	0					
May	13,000		0.000	0					
June	21,000		0.160	9					
July	21,000		0.089	5				-	
August	26,800		0.042	. 3			[
September	29,400		0.000	0		í l			
October	13,000		0.000	o					
November	13,400		0.000	٥	5				
December	10,600		0.000	0			1		
Totals	195,800	Ç	0.291	17		0	0 0		
12. Based upo	n the displacement (ofga	lions per revoluti	on with	per cent allowar	nce for slip			
13, Average ga	illons per day		0.001	MG (366 days)		<u></u>		
14. Maximum ç	jallons pumped in a	day	0.108	MG		. <u> </u>	,		
15, Date of san	nə,		20-Jun-12						
16. Range of pr	ressure in main	48	lbs to	112	los	<u> </u>			
17. Average pr	essure in main	80	lbs per sq in						

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408 North Main S	St. Well #1	
Annual report of Aquarion Water Company of Massachusetts Pumping Information - Contin	aued Oxford	Year Ended December 31, 2012
18. Kind of coal	· · · · · · · · · · · · · · · · · · ·	
19. Average price per net ton, delivered		
20. Average price of wood per cord, delivered		<u></u>
21, Average price per gas per 14. cubic feet		
22. Average price per gasoline per gallon, delivered		
23, Average price of fuel oli per gallon, delivered		
24. Average price of electric power per Kwhr	\$ <u>0.1304</u>	
25, Wood consumed durind the year	<u> </u>	
26. Gas consumed during the year		
27. Gasoline consumed during the year		<u> </u>
28, Fuel oli consumed during the year		
29. Electric Power used during the year	195,800 Stations 1, 1A & 2	Kwhrs

Annual report of Aqu	arion water Compa			Continued Oxford		d December 31, 2012	
11. Station Log			th Main St. Well				
Year and Month 2012	Kwhrs Used	Pounds of coal Burned	Million Gallons of Water Pumped	Hours of	Average Total Static Head	Average Total Dynamic Head	
January	•		3.192	305			
February	٠		2.753	254			1
March	•		3.686	330	i		
April	•		2.425	223			
May	· •		0,930	91	[[
June	•		0.449	44	1		
July	*		1.252	127	ļ		į
August	•		1.481	147			ł
September	•		2.750	277			
October	•		1.216	123			
November	•		0.085	5			
December	•		0.028	3			
Totals	(See station # 1 for	(otals)	20.247	1,929	0	0	1
12. Based upon the 1		gallons	o,055_	withper cer MG (366 days)	nt ailowance for slip		
14. Maximum galion	s pumped in a day		0.306	MG	<u> </u>		
16. Date of same,		<u> </u>	10-Apr-12				
16. Range of pressur	e in main	4	8 lbs to	112 lbs			
17. Average pressur	e in main	8	0 lbs per sq in			• <u> </u>	
Annual report of Aquarion Water Company of Massachusetts Year Ended Decemb Pumping Information - Continued Oxford							
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	er 31, 2012						
18. Kind of coal							
19. Average price per net ton, delivered							
20. Average price of wood per cord, delivered							
21. Average price per gas per M. cubic feet							
22. Average price per gasoline per gallon, delivered							
23. Average price of fuel oil per gallon, delivered							
24. Average price of electric power per Kwhr							
25. Wood consumed durind the year	{						
26. Gas consumed during the year							
27. Gasoline consumed during the year							
28. Fuel oil consumed during the year							
	j						

407 Annual report	t of Aquarion Wa	iter Company o Pum	of Massachusetts ping information - C	Continued Oxford	Year ended I	December 31, 20
11. Station Lo	va	N	iorth Main St. Well /	¥2		
Year and Month 2012	Kwhrs Used	Pounds of coal Burned	Million Gallons of Water Pumped	Hours of Pumping	Average Total Static Head	Average Total Dynamic Head
January	•		1.156	56		
February	•		1.545	77		
March	•		2.548	132		
April	•	1	6.081	290		
May	+	1	8.698	423		
June	•	1	9.804	473		
July	•	1	10.596	536		
August	•		9.172	450		
September	•	1	4.577	223	· ·	
October	•		3.935	196		
November	•		3.915	195		
December	, ·		4.634	223		
Totals	(See station # 1	for totals)	66.659	3,274	0	
12. Based up	on the displacer	nent of	_galions per revolu	ition with	er cent allowance fo	rslip
13. Average (galions per day	· <u> </u>	0.182	MG (366 days)		
14. Maximum	i gallons pumpe	d in a day	0.599	MG		
15. Date of sa	AMO,		28-May-12		<u></u>	
16. Range of	pressure in main	48	lbs to	112 lbs		

	aln St. Well #2	
Annual report of Aquarion Water Company of Massac	husetts	Year ended December 31, 2012
Pumping Information	- Continued Oxford	
18. Kind of coal		
19. Average price per net ton, delivered		
20. Average price of wood per cord, delivered		
21. Average price per gas per M. cubic feet		
22. Average price per gasoline per gallon, delivered	·	
23. Average price of fuel oil per gailon, delivered	<u></u>	· · · ·
24. Average price of electric power per Kwhr	see station #1	
25. Wood consumed durind the year		
26. Gas consumed during the year		
27. Gasoline consumed during the year		
28. Fuel oli consumed during the year		
29. Electric Power used during the year	see station #1 Kwhrs	

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nnual report o	of Aquarion Water	Company of M	lassachusette			Year en	ded December 31, 2012
1. Station Log	······		Nelson St. #3				······································
Year and Month 2012	Kwhrs Used	Pounds of coal Burned	M悉on Galions of Water Pumped	Hours of Pumping		Total Static Head	Average Total Dynamic Head
January	29,920		13.468	736			
February	28,800		12.547	694			1
March	26,400		12.484	692			
April	28,480		13.228	727			
May	28,000		13.676	745			
June	27,840		13.122	720			
July	26,720		13.518	752			
August	28,560		11.738	659]
September	28,320		12.867	728			
October	23,360		12.954	743			1
November	25,600		12.458	716			
December	24,800		12.973	747			(
Totals	324,800	0	155.033	8,657	0	C	[c
. Based upo	n the displacemen	t ofg	allons per ravol	ution with	per cent allow	ance for slip	
3. Average ga	llions per day _		0.424	MG (366 days)			·
4. Maximum g	galions pumped in	a day	0.546	MG	·		
5. Date of san	ne, _		1~Jul-12	····		<u></u>	- <u></u>
8. Range of pr	essure in main _	48	los to	112	Ros		
7. Average pr	essure in main _	80	lbs per sq in				

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408 Nelson St. #3	
Annual report of Aquarion Water Company of Massachusetts	Year ended December 31, 2012
18. Kind of coal	
19. Average price per net ton, delivered	
20. Average price of wood per cord, delivered	
21. Average price per gas per M. cubic feet	
21. Average price per gas per M. cubic teet	
22. Average price per gasoline per gallon, delivered	
23. Average price of fuel oll per galion, delivered	
24. Average price of electric power per Kwhr\$ 0.1141	
25. Wood consumed durind the year	
26. Gas consumed during the year	
27. Gasoline consumed during the year	
28. Fuel oil consumed during the year	
29. Electric Power used during the year 324,800 Kwhrs	
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409 Annual report o 1. Mains	Hingham Aquarion Water Compan	v of Useeac		·····			
			nusetts		Yeare	inded Decei	mber 31, 2012
1. Mains			RIBUTION INFORM	TION			
1. Mains	1	1 1			1	F	1
	<u></u>				l	L	
		1	La la la la	L	ENGTHS IN FEE	T	·
Nominal	Kind of Pipe	Malahi	In Use at	Takan Ma	Abandoned Dut		In Use at
Diameter, Inches		Weight Per Foot	Beginning of Year	Taken Up	Abandoned But Not Taken Up		
Diameter, moles	· · · · · · · · · · · · · · · · · · ·	Perroot	Tear	Since	Not taken up	Laki Saice	Ciose of Tea
24"	Ductile		10,285				10,285
20"	Lock Joint	1 1	13,909				13,909
20*	Cast iron	1 1	26,935		1	1	26,93
20	Cast Iron Cement Lined		277				277
20"	Ductile		10,271				10,271
16"	Lock Joint		112		[112
16"	Cast Iron		5,531		1	{	5,531
16"	Cast Iron Cement Lined				ļ	1	104
		1	104		1	1	
16"	Ductile	1	3,767		1	ł	3,767
14"	Cast Iron	I	5,936		1		5,936
14"	Ductile	1	110		l	1	110
12"	Cast iron		51,372		J	1	51,37
12"	Cast Iron Cement Lined		29,648			[29,648
12"	Ductile	1	45,489			1,245	
j 12 [≪]	Transite		12,602				12,602
10"	Cast iron	((11,459		1	ł	11,459
8"	Cast Iron] 1	40,531				40,531
8*	Cast Iron Cement Lined	1	114,469			i i	114,469
8"	Ductile		172,500		1	1,655	
8"	Transite	1 1	45,381		1		45,38
8"	Steel		70				70
6"	Cast Iron		117,587	308			117,270
6"	Cast Iron Cement Lined	{ [74,764	~~~	1	1	74,764
6"	Ductile			008		777	
		1 1	12,293	998		777	
6*	Transite	} }	89,967		J]	89,96
4"	Cast Iron		31,508]	1	31,508
4"	Cast Iron Cement Lined		77				1 73
4"	Ductile		12,247				12,24
4"	Galvanized	{ }	256		}	ł	25
4*	Plastic		500		1		500
3"	Cast Iron		1,323				1,323
3"	Galvanized	1	82		ļ	1	82
3"	Plastic	1	525			l	52
2 1/4"	Cast Iron Cement Lined	l	38,213		ł		38,21
2"	Steel	1	400			1	400
2"	Galvanized	1 1	20,810	217	{	ł	20,59
2	Plastic	l	1,272	- 11	l I		1,27
1 1/2 *	Galvanized		2,592	143			2,44
1 1/4	Galvanized	{ }	802	140	1	1	80
1 1/4	Plastic		002		1		00,
		1	-				- 33
1	Copper	j i	339		1	1	- 33
1*	Galvanized	i 1	3,831		ſ	1	3,83
3/4*	Galvanized	1 1	100				100
3/4"	Copper	<u> </u>	49		ļ	<u> </u>	49
L	L	TOTALS	1,010,295	1,664		3,677	1,012,30
2. Cost of repai	rs per mile of pipe includi	ng valves	···				
3. Number of le	aks in mains, during the y	ear _	27				
4. Number of le	aks per mile	-	0.1408				

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<u> </u>		DIST	RIBUTION INFORM	MATION						
1. Mains		•								
LENGTHS IN FEET										
Nominal Diameter, Inches	Kind of Pipe	Weight Per Foot	In Use at Beginning of Year	Taken Up Since	Abandoned But Not Taken Up	Laid Since	In Use at Close of Yea			
16 12 10 8 6 4 3 2 1/4 2 8 6 2	Cast Iron C. I. & Ductile Cast Iron C.I. & Ductile C.I. & Ductile Cast Iron Cast Iron Cast Iron Cast Iron Transite Transite Plastic		6,575 39,123 17,691 119,394 66,752 1,323 935 12,751 3,605 1,497 3,617 835	18		26	6,57 39,12 17,69 119,39 66,76 1,32 93 12,75 3,60 1,49 3,60 83			
·		TOTALS	274,098	26	0	26	274,09			
2. Cost of repairs p	er mile of pipe includi	ng valves								
3. Number of leaks	in mains, during the y	ear	4							
4. Number of leaks	pər mile		0.0771							
5. Length of mains	less than 4 inches in c	liamater	18,126	miles	3.43					

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109	Oxford						
Annual report of Aqu	arion Water Com					Year ended Dec	ember 31, 201
		DI	STRIBUTION INFOR	MATION_			
. Mains							
				L	ENGTHS IN FEET		
Nominal · Diameter, Inches	Kind of Pipe	Weight Per Foot	In Use at Beginning of Year	Taken Up Since	Abandoned Bul Not Taken Up	Laid Since	In Use at Close of Yea
12 10 8 6 3 2 1/4 2 8 6 4 2	C.I. & Ductile C.I. & Ductile C.I. & Ductile C.I. & Ductile C.I. & Ductile C.I. & Ductile C.I. & Ductile Transite Transite Ductile Plastic		29,090 1,643 84,075 55,445 200 3,665 11,413 6,275 22,606 354 31	8			29,09 1,64 84,07 8 55,45 11,41 6,26 22,50 35 3
·····		TOTALS	214,697	- 8	0		8 214.69
2. Cost of repairs pe 9. Number of leaks i		-	6				
I. Number of leaks	per mile		0.1476	-			
5. Length of mains f	ess than 4 inches	in diamater	15,309	miles	2.9		

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410	Hingham				Variated Descentario
Annual Teport of Aqu	Taulon Mater Comps	iny of Massachusetts DISTRIBU	TION INFORMATIO	N	Year ended December 31,
6. Water towers or st	tand pipes				· · · · · · · · · · · · · · · · · · ·
[· · · · · · · · · · · · · · · · · · ·			Land	
	Location	Į	serA	When Bought	Cost
A B C	Turkey Hill Accord Tank (Accord Tank on Ian	id adjacent to Accord Pon	23. Id - Included there	1963	\$4,766
	<u> </u>	Capacity In Gallons		When Bought	Cost
A B C		2,000,000 750,000		1963 1967	\$103,921 \$145,359
		2,750,000			
7. Services					
Nominal Diameter Inches	Kind of Pipe	Number Installed and in Use at Beginning of Year	Taken Up Sinca	Laid Since	Installed and in Use at Close of Year
3/4" - 10" Installed since 1987 3/4" 1" 1" 2" 4" 6" 8" 12"	Copper-WI-Steel Plastic Galv Plastic Copper Plastic Copper Plastic DICL DICL DICL	0 10,365 0 1 1,013 700 217 128 64 43 1	12	52 10 13] 1	0 10,353 0 0 259 1,013 752 227 128 77 44 1
]	TOTALS	12,791	13	76	12,854
 Average length of Average cost of se 		year	25 \$3_157_	feet	
10. Percentage of ser	rvices that are metere	ed .	All except for fire se	rvices	
1					
11. Percentage in inc	come that is metered				
11. Percentage in inc 12. Leaks in service			21		
12. Leaks in service 13. Are service pipes	during the year s paid for by consume	e, customer provides all o	by what extent?	Water company, prov Install water service	

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Annu	al report of A	quarion Water Co	npany of Massachusett DISTRIBUTION		Year ende	d December 31, 201
. 11/0					<u> </u>	
5. wa	ter towers of	stand pipes	Millbury		<u></u>	
			ļ	T	Land	····
	Location			Area	When Bought	Cost
A	Burbank Hill			3.00 Acres	1895	
B C						
D			(
	Inside Diam	ater -	Capacity in Gallons		When Bought	Cost
A	130'		1,500,000		1895	\$25,802
B C					· ·	
Ď	}					
7. Se	rvices		<u> </u>			
			Number Installed and			
lomir Diame	al ster inches	Kind of Pipa	in Use at Beginning of Year	Taken Up Since	Laid Since	Installed and in Use at Close of Year
10		Cast Iron	1			
8		Cast Iron Ductile	16			
6		Cast Iron Ductile	38			:
4 3		Cast Iron Ductile Cast Iron	5 2			
2 1/4		Cast fron	7			
2		Cast Iron	25			:
1 1/4		Cast Iron	4	(1	
1 1/2 3/4		Copper Copper	0 1,370	5		1,34
3/4		Plastic	612	5	1	6
1		Copper	378		2	3
1		Plastic	498	1	7	50
1 2		Cement Lined Plastic	490 33	1		40
2		Copper	2		[•
-		COPPER	-			
		TOTALS	3,481	7[9]	3,48
uso 1	1 residential s	services in the Town	of Auburn that are includ	led in the above totals		
i. Av	erage length o	of service pipe		27 feet		
. Av	erage cost of :	service laid during ti	ne year _	\$4,247		
0. Pe	ercentage of s	ervices that are met	ered a	all except fire service		
1. P	ercentage in l	ncome that is meter	ed -			
2. Lo	eaks in service	e during the year	-	5		
3. Ai	re service pipe	es paid for by consu	mer, in whole or in part a	nd by what extent?	Water company pr	ovides labor
nateri	als for installa	tion up to 2 inch in	size, customer provides a	Il other requirements t	o install water serv	ice Including
-		_				

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110		Oxford				
Annu	al report of	Aquarion Water	Company of Massach	USetts		ended December 31, 201;
			DISTRIBU	HON INFORMATION	<u></u>	
. Wa	ter towers o	or stand pipes				· .
					Land	
		Location		Area	When Bought	Cost
Α	N. Main St	, Oxford , MA		1 Acre	1905	\$319
B C	}			13.4 Acres	1944	\$438
Ď						·
	inside Diar	neter	Capacity in Gallons		When Bought	. <u></u>
Ā	27		215,000		1905	
В	-		210,000		1000	
С	[(
D					L	
7. Se	rvices					
		[]	Number Installed and		[
Nomi	nal eter inches	Kind of Diga	in Use at Beginning	Taken Up Since	Laid Since	Installed and in Use at Close of Year
8	eter manes	Kind of Pipe Cast Iron Ductile	of Year 8	Taken Op Suice		at close of feat
6		Cast (ron Ductile	12			1
2 1/4		Cast Iron	12			1
2 1 1/2		Galv Iron Copper	0			
1 1/4		Copper	2) 11			
1		Copper	222		4	22
3/4		Copper	1,514	12		1,50
2		Cast Iron	5)	
4 3/4		Cast Iron Ductile	2 497	2		49
1		Plastic	541	-	12	55
2		Plastic	25		2	2
1		Galv Iron	18		ļ	1
		[ļ		} . [
		1]		j	
		({ {	
		TOTALS	2,859	14	18	2,86
		J <u>L_</u>	· ·		•	
8 Å1	larana lanni	h of service pipe		27 feet		
0. 70	ciago ionge	n or service hipe			•	
9. Av	rerage cost i	of service laid duri	ng the year .	\$ 3,374_		
10. P	ercentage o	f services that are	metered	all except fire service	-	
11. F	ercentage i	n income that is m	etered	,		
12. L	eaks in ser	vice during the yea	r .			
13. 4	ve service r	pipes paid for by w	onsumer, in whole or in	part and by what and	Water compa	ebivora vn
abor	materials fo	r installation up to	2 inch in size, custome	er provides all other re	equirements to insta	il water service including
		nch in size.				

, .

		pany of Massachus DISTRIBUTION INFO	RMATION - Contin	lued	ed December 31, 201
4. Gates and val	Ves				
Nomial Diameter Inches	Kind of Valves	Number in Use at Beginning of Year	Removed Since	Installed Since	Number in Use at Close of Year
24	Butterity Valves	17			1
20	Butterfly Valves	18			
16	Butterfly Valves	8			
14	Builtenfly Valves	5			
12	Butterfly Valves	19			
12	Check Valve	1			
20	Gate Valves	11			
16	Gate Valves	11			
14	Gale Valves	16			
12	Gate Valves	304		2	3
10	Gate Valves	32			
8	Gate Valves	903		14	9
6	Gate Valves	808		7	8
4	Gate Valves	209			2
3	Gate Valves	1			
2 1/4 - 2 1/2	Gate Valves	86			
2	Gate Valves	197	1	4	2
1 1/2	Gale Valves	10	1		
1 1/4	Gate Valves	17			
1	Gate Valves	275	4	ľ	2
3/4	Gate Valves	81			
	Totals	3,029	6	27	3,0

nnual report of A	quarion Water Com	pany of Massachuse	tts		ed December 31, 20
	·····	DISTRIBUTION INFO	RMATION - Continu	ied	
4. Gates and valv	P6				
i outo una fait		T			
Nomial Diameter		Number in Use at	1	}	Number in Use at
Inches	Kind of Valves	Beginning of Year	Removed Since	Installed Since	Close of Year
16	Gate Valve	7	ľ	[
)]	
12	Gate Valve	71	l.		
10	Gate Valve	25		{	
10	Gale Valve	20	1	ĺ	
8	Gate Valve	243	(2
•	Cata Mahar	0.45	Į	ļ	3
6	Gate Valve	345]		c
4	Gate Valve	3			
•	Colo Materia		į	5	
3	Gate Valve	6			
2 1/4	Gate Valve	31	ł		
<u> </u>	0.4.141.4]		
2	Gate Valve	25			
3/4	Gate Valve	2	1	i	
	ł	ļ)			
	Totals	758		0	

The above list should include all valves that are installed in the malns, whether they are gate valves, blow offs, check valves or otherwise.

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Annual report of	Aquarion Water C	ompany of Massac DISTRIBUTION	NFORMATION - CO		r ended December 31, :
14. Gates and va	tves				
Nomial Diameter inches	Kind of Valves	Number in Use at Beginning of Year		Installed Since	Number in Use at Ciose of Year
12	Gate Valve	57			
10	Gate Valva	2			
8	Gate Valve	184			
6	Gate Valve	294			
2 1/2	Gate Valve	18			
2	Gate Valve	11			
1 1/4	Gate Valve	2			
1	Gate Valve	8			
- 4	Gate Valve	1			
	Totals	577	0	0	

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	quarion water	Company of Massach	usetts NFORMATION - Continue		December 31, 2
15. HYDRANTS.PU		BIOTRIBOTION	I ORMATION - COMMIN	<u> </u>	
	T				
Nominal Diameter Inches	Hose Outlets	Number in Use at Beginning of Year	Removed Since	installed Since	Number in Us Close of Ye
4 1/2		0			ļ
4 1/4		0			
5	1	496	5	1	1
5 1/4	}	409	4	8	5
	{				ļ
		1]
	TOTALS	905	9		3
18. HYDRANTS.PR	UVATE		<u>. </u>		
18. HYDRANTS.PR Nominal Diameter Inches	NVATE Hose Outlets	Number in Use at Beginning of Year	Removed Since	Installed Since	
Nominai			Removed Since	Installed Since	Number in Us Close of Yes
Nominai Diameter Inches		Beginning of Year	Removed Since	Installed Since	
Nominal Diameter Inches 5		Beginning of Year	Removed Since	Installed Since	
Nominal Diameter Inches 5 4 1/2		Beginning of Year 3 0	_ Removed Since	Installed Since	
Nominal Diameter Inches 5 4 1/2 4 1/4		Beginning of Year 3 0 6	Removed Since	Installed Since	Close of Ye
Nominai Diameter Inches 5 4 1/2 4 1/4 5		Beginning of Year 3 0 6 35	Removed Since		Close of Ye
Nominal Diameter Inches 5 4 1/2 4 1/4 5 5 1/4		Beginning of Year 3 6 35 240 122	Removed Since		Close of Ye
Nominal Diameter Inches 5 4 1/2 4 1/4 5 5 1/4 Metered	Hose Outlets	Beginning of Year 3 0 6 35 240 122 406	1		Close of Ye
Nominal Diameter Inches 5 4 1/2 4 1/4 5 5 1/4 Metered	Hose Outlets	Beginning of Year 3 0 6 35 240 122 406	1		Close of Ye

	Annual report of		DISTRIBUTION IN	FORMATION - CONU	nued		2
	15. HYDRANTS.P	UBLIC					
	Nominal Diameter Inches	Hose Outlets	Number in Use at Beginning of Year	Removed Since	Installed Since	Number in Use at Close of Year	
	4 1/2	2 - 2 1/2	29	1		28	3
	5	2 - 2 1/2, 1- 4	1			1	1
	5 1/4	2 - 2 1/2, 1- 4	46	1		8 53	3
	4 1/4	2 - 2 1/2, 1- 4	65		•	65	5
	4 1/2	2 - 2 1/2, 1- 4	61			61	
	4 3/4	2 - 2 1/2, 1- 4	8			8	3
	4 1/4	2 - 2 1/2, 1- 4	1	Undrant in leasted in t	our of Atilities	1	1
		TOTALS		Hydrant is located in 1 2		8 217	7
·			purchases and inst were they purchase		of the company? Hydrants installed on n extensions are paid by		
		what arrangement		es and installed?	Hydrants installed on n	ew main	
	17. If not, under t	what arrangement		es and installed?	Hydrants installed on n	ew main	
	17. If not, under v 18. HYDRANTS.P Nominal	what arrangement RIVATE	were they purchase Number in Use at	es and installed?	Hydrants installed on n extensions are paid by	ew main developers. Number in Use at	-
	17. If not, under v 18. HYDRANTS.P Nominal Diameter Inches	what arrangement RIVATE Hose Outlets	were they purchase Number in Use at Beginning of Year	es and installed?	Hydrants installed on n extensions are paid by	ew main developers. Number in Use at Close of Year	
	17. If not, under v 18. HYDRANTS.P Nominal Diameter Inches 4	what arrangement RIVATE Hose Outlets 2 - 2 1/2	were they purchase Number in Use at Beginning of Year 28	es and installed?	Hydrants installed on n extensions are paid by	ew main developers. Number in Use at Close of Year 28	
	17. If not, under v 18. HYDRANTS.P Nominal Diameter Inches 4 4 1/2	what arrangement RIVATE Hose Outlets 2 - 2 1/2 2 - 2 1/2, 1- 4	were they purchase Number in Use at Beginning of Year 28 13	es and installed?	Hydrants installed on n extensions are paid by	ew main developers. Number in Use at Close of Year 28 13	
	17. If not, under v 18. HYDRANTS.P Nominal Diameter Inches 4 4 1/2 4 1/4	what arrangement RIVATE Hose Outlets 2 - 2 1/2 2 - 2 1/2, 1- 4 2 - 2 1/2, 1- 4	were they purchase Number in Use at Beginning of Year 28 13 5	es and Installed? Removed Since	Hydrants installed on n extensions are paid by	ew main developers. Number in Use at Close of Year 28 13 5	
	17. If not, under v 18. HYDRANTS.P Nominal Diameter Inches 4 4 1/2 4 1/4	what arrangement RIVATE Hose Outlets 2 - 2 1/2 2 - 2 1/2, 1- 4 2 - 2 1/2, 1- 4	were they purchase Number in Use at Beginning of Year 28 13 5	es and Installed? Removed Since	Hydrants installed on n extensions are paid by	ew main developers. Number in Use at Close of Year 28 13 5	
	17. If not, under v 18. HYDRANTS.P Nominal Diameter Inches 4 4 1/2 4 1/4	what arrangement RIVATE Hose Outlets 2 - 2 1/2 2 - 2 1/2, 1- 4 2 - 2 1/2, 1- 4	were they purchase Number in Use at Beginning of Year 28 13 5 62	es and Installed? Removed Since	Hydrants installed on n extensions are paid by installed Since	ew main developers. Number in Use at Close of Year 28 13 5	

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15. HYDRANTS.PU					
	BLIC				ι.
Nominal Diameter Inches	Hose Outlets	Number in Use at Beginning of Year	Removed Since	Installed Since	Number in Us Close of Ye
4	2 - 2 1/2	29			
4	3 - 2 1/2	0			
4 1/4	2 - 2 1/2, 1- 4	3		·	
4 1/2	2 - 2 1/2, 1- 4	76			
. 5	2 - 2 1/2 1- 4	5		ĺ	
4	2 - 2 1/2, 1- 4	1			
5 1/4	2 - 2 1/2, 1-4	68	1	2	
16. Were all of the	TOTALS		nd installed?	2	
16. Were all of the	TOTALS	182 rchases and installed	nd installed?	the company? Hydrants installed on n	new main extension
16. Were all of the 17. If not, under v	TOTALS	182 rchases and installed	nd installed?	the company? Hydrants installed on n	new main extension
16. Were all of the 17. If not, under v 18. HYDRANTS.Pl Nominal	TOTALS above hydrants pu what arrangement we RIVATE	rchases and Installed are they purchases and Number in Use at	nd installed?	2 the company? Hydrants installed on n are paid for by develor	new main extension pers. Number in Us
16. Were all of the 17. If not, under v 18. HYDRANTS.Pl Nominal Diameter Inches	TOTALS above hydrants pu what arrangement we RIVATE Hose Outlets	182 rchases and Installed are they purchases and Number in Use at Beginning of Year	nd installed?	2 the company? Hydrants installed on n are paid for by develor	new main extension pers. Number in Us
16. Were all of the 17. If not, under v 18. HYDRANTS.Pl Nominal Diameter Inches 4	TOTALS above hydrants pu that arrangement we RIVATE Hose Outlets 2 - 2 1/2, 1- 4	nchases and Installed rchases and Installed are they purchases and Number in Use at Beginning of Year 13	nd installed?	2 the company? Hydrants installed on n are paid for by develor	new main extension pers. Number in Us

i. Meters owned by C	Number at Beginn						
	Number at Beginn					1	
Size inches		ind or leat		Condemned Since	Number a	Close of Year	
	In Use	On Hand	Bought Since	and Removed	In Use	On Hand	
1/2					1		
5/8	11,705	65	1,108	997	11,790	91	
3/4	19	49	6	6	19	49	
1	356	10	39	29	361	15	
1 1/2	75	5		4	76	o	
2	152	21	16	15	154	20	
3	o	2	o	l	0	2	
4	3	0	0]	3	0	
6	3	o	0	0	3	0	
8	4	0	0	· •	4	o	
					}		
Totals	12,317	152	1,169	1,051	12,410	177	
		ost of installing the meters in u			Yes		

·····)

1. Meters owne		-101101		DN - Continued			
. Meters owne					•		
	d by Company			, 			
		Number a	at Beginning of Year		Condemned Since	Numbe	r at Closa of Ye
\$	ze inches	In Use	On Hand	Bought Since	and Removed	In Use	On Hand
	1/2						
	5/8	3,363	35	399	300	3,406	
	3/4	1	0	0	0	1	
	1	54	5	3	5	55	
	1 1/2	16	4	4	2	17	
	2	46	8	3	2	45	
	3	1	Ó	0	0	1	
	4	4	0	0	0	4	
	5						
	8						
	Totals	3,485		409	309	3,530	
2. Has the plan	been debited with the	first cost of installing the	meters in use at close	Yes			
-		r some assumed or average		Actua]	-		
		consumers, and to what e	-	None	•		
	meters at pump statio	·			- 		
ompany onneo	meters at pushp statio				·····	-	
		Oak Pond Station 1-	8" Honeywell Flow				
		#1 Jacques 1-8" Ch #2 Jacques 1-8" Ch	IOSSOI Flow			-	
		5-1" mtrs for make u	o water - 1-Oak Pond	1-#1.Jacoues_1	#2 Jacques, 2-Millbur	v Ave. Fitter Pla	int
		Milbury Ave 5-6" P	nmary Flow Signal Fk	ow Meters		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		Milloury Ave 3-8" P	rimary Flow Signal Flo	ow Maters		•	

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21. Meters owned by Company	· · · · · · · · · · · · · · · · · · ·		· ·····		1	
	Numbe	er at Beginning of Yea	r	Condemned Since	Number at (Nose of Year
Siza Inches	tn Use	On Hand	Bought Since	and Removed	In Use	On Hand
1/2	-					
5/8	2,507	23	255	250	2,510	25
3/4	0	0	o	o	0	0
1	52	1	1	o	54	0
1 1/2	7	1	0	0	8	0
2	16	0	1	1	16	0
3	o	0	0	o	0	0
4	0	0	0	0	0	0
6	3	o	0	0	3	0
6	0	0	o	o	o	0
Totals	2,585	25	257	251	2,591	25
22. Has the plant been debited with the first co	st of installing the meters in	use at close of year, a	Yes	-		
23. If so, was the cost the actual cost or some	assumed or average cost?		Actual	-		
24. Are any of these maters paid for by consu	ners, and to what extent?		None	-		
company owned meters at pump stations:	N Main St & #	1A N. Main St			······································	
	N. Main St #2	1-8" Chessel flow 1-8" Chessel flow				
	Nelson St. #3	1-8" Chessel flow				
	2-1" Meter for 1 #1N. Main St.	make up water				

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	of Aquarion Water Con			Distributio	n Informat	ion Conoli	.dod	·	······			
00 11 4			0040	Distributio	n morma	ion - Conclu	laea					
25. Meters ov	vned by Company as of	December 31	, 2012		<u></u>					·		
						\$	ze (inches)					
· · · · · · · · · · · · · · · · · · ·	1	1	<u>г т</u>				ze (metres)					
Maker	Туре	1/2	5/8	3/4	1	1 1/2	2	3	4	6	8	Tot
Hersey	Turbine			·						2		
Neptune	Disc Pin		11,881	68	376	76	174					1:
Neptune	Turbine							2	3	1	4	
· · · · · · · · ·			<u> </u>									
		····										
·			}									
	······································									·····		
Totals		0	11,881	68	376	76	174	2	3	3	4	12

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414	<u> </u>	Milibury										
Annual rep	ort of Aquarion W	ater Compan	y of Massach	usetts	· · · · · · · · · · · · · · · · · · ·							·····
					······································	······································		······	<u></u>			
}												
					•							
					Distribution I	nformation -	Concluded	1			· · · · · · · · · · · · · · · · · · ·	
25. Meters	owned by Compa	any as of Dec	ember 31, 201	2								
							Size					
		7	······		<u></u>						·	· · · · · · · · · · · · · · · · · · ·
								1			1	
1 Maker	Type	1/2	5/8	3/4	1	1 1/2	2	3	4	6	8	Total
Maker Neptune	Type Disc	1/2	5/8 3.401	3/4	•	1 1/2	2 55	3	4	6	8	_Total 3.5
Neptune	Disc	1/2	3,401	3/41	1 57 0	22	2 55		4	6	8	<u>Total</u> 3,
Neptune Badger	Disc Disc	1/2		3/4	. 57	22			4	6	8	<u>Total</u> 3,
Neptune	Disc	1/2	3,401	1	. 57	22				6	8	<u>Total</u> 3,
Neptune Badger Neptune	Disc Disc Turbine	1/2	3,401 77	1	. 57	22				6	8	3,
Neptune Badger Neptune Kent	Disc Disc Turbine Disc		3,401 77	1	. 57	22				6	8	3,5
Neptune Badger Neptune Kent	Disc Disc Turbine Disc		3,401 77	1	. 57	22				6	8	<u>Total</u> 3,5
Neptune Badger Neptune Kent	Disc Disc Turbine Disc		3,401 77	1	. 57	22				6	8	<u>Total</u> 3,
Neptune Badger Neptune Kent	Disc Disc Turbine Disc		3,401 77	1	. 57	22				6	8	3,5
Neptune Badger Neptune Kent	Disc Disc Turbine Disc		3,401 77	1	. 57	22				6	8	Total 3,
Neptune Badger Neptune Kent	Disc Disc Turbine Disc		3,401 77	1	. 57	22				6	8	3,5
Neptune Badger Neptune Kent	Disc Disc Turbine Disc		3,401 77	1	. 57	22				6	8	Total 3,
Neptune Badger Neptune Kent	Disc Disc Turbine Disc		3,401 77	1	. 57	22				6	8	3,5
Neptune Badger Neptune Kent	Disc Disc Turbine Disc		3,401 77	1	. 57	22				6	8	3,5

414		Oxford										
Annual re	port of Aquai	rion Water	Company of	Massachu	setts		···			· · · · · · · · · · · · · · · · · · ·		
	<u> </u>				· · · · · · · · · · · · · · · · · · ·	······						
					istribution I	nformatior	- Conclude	d				
25. Meter	s owned by C	company a	s of Decemb	er 31, 2012	2							
		Size										
							r					·····
					ľ ,							
Maker	Туре	1/2	5/8	3/4	1	1 1/2	2	3	4	6	8	Total
Neptune	Disc		2,503	0		7	14		<u> </u>			2,575
Badger	Disc		23		3		2			L		28
Neptune	Fullcrest									2		2
Rockwell	Disc					1						1
Kent	Disc		9]]		9
Neptune	Protectus									1		1
	1 1											
						······································						
	1					·····						·····
				<u> </u>								
	┼╾╴╼┼		ŀ	·								
	┼────┤	······		•···· =								
				· · · · · · · · · · · · · · · · · · ·				├ <u>───</u> ──	<u> </u>			
		0	2,535	0	54	8	16	0	0	3	0	2,616

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415 Hingham Annual report of Aquarion Water Company of A	lassachusetts Americ	an Water Companyes	ar ended December 31, 201
COP	SUMPTION INFORMA		
1. Estimated total population of territory cover	ed by franchise	Permanent 32,135	Seasonal 46,709
2. Estimated population reached by the distrib	ution system,	32,135	46,709
3. Estimated population actually supplied,		32,135	46,709
4. Total consumption during the year (1)		1,206,598,000	gallons
5. Average daily consumption (2)		3,296,716	gailons
6. Day on which greatest amount was pumped		16-Jul-12	
7. Gallons pumped on above day		5,669,000	gallons
8. Week during which greatest amount was pu	mped	7/8/12-7/14/12	
9. Gallons pumped during above week		36,448,600	gallons
10. Gallons per day per service (3)		204	galions
11. Consumption metered		927,663,000	gallons
12. Consumption metered		76.9%	Per cent of total consumption
13	Customers		
Number being Supplied at Beginning of Year	Disconnected Since	Connected Since	Number being Supplied a Close of Year
12,740	0	108	12,848
Name of City, Town or District		Number of Customer	s as of December 31, 2012
Hingham			7,932
Huli			4,590
Cohasset			326

(1) Represents Total Water Production During the Year including purchased water (2) Represents Average Daily Production (3) Represents Metered Consumption per day per Customer, excluding Fire services.

415 Millbury Annual report of Massachusetts American	Water Company	······································	Year ended December 31, 201	
	CONSUMPTION INFORM			
1. Estimated total population of territory co	overed by franchise,	13,261		
2. Estimated population reached by the dis	stribution system,	8,436		
3. Estimated population actually supplied,		8,436	8,436	
4. Total consumption during the year (1)		570,696,000	gallons	
5. Average daily consumption (2)		1,559,279	galions	
6. Day on which greatest amount was pumped		15-Jul-12		
7. Gallons pumped on above day		2,589,000 gallons		
8. Week during which greatest amount was pumped		w/e: July 8,2012		
9. Gallons pumped during above week		13,782,000 gallons		
10. Galions per day per service (3)		398 gallons		
11. Consumption metered		513,730,000 gallons		
12. Consumption metered		90.02% Per cent of total consumption		
13.	Customers			
Number being Supplied at Beginning of Year	Disconnected Since	Connected Since	Number being Supplied at Close of Year	
3,603		65	3,6	
Name of City, Town or District		Number of Customers	as of December 31, 2012	
Millbury			3,668	

(1) Represents Total Water Production During the Year
 (2) Represents Average Daily Production
 (3) Represents Metered Consumption per day per Customer, excluding Fire Services.

415 Oxford Annual report of Massachusetts American Water Co	mnany		Year ended December 31, 2012
	SUMPTION INFORMAT		Teat Bilded December 51, 2012
			<u></u>
1. Estimated total population of territory covered by	franchise,	12,506	
2. Estimated population reached by the distribution	system,	6,195	
3. Estimated population actually supplied,		6,195	
4. Total consumption during the year (1)		242,230,000	galions
5. Average daily consumption (2)		661,831	gallons
6. Day on which greatest amount was pumped		15-Jul-12	
7. Gailons pumped on above day		1,167,000	gallons
8. Week during which greatest amount was pumped		w/e: July 15,2012	
9. Gallons pumped during above week		6,699,000	gallons
10. Gallons per day per service (3)		203	gallons
11. Consumption metered		192,301,000	gallons
12. Consumption metered		79.39%	Per cent of total consumption
13.	Customers		
Number being Supplied at Beginning of Year	Disconnected Since	Connected Since	Number being Supplied at Close of Year
2,617		8	2,625
Name of City, Town or District		Number of Custome	s as of December 31,2012
Oxford			2,625

(1) Represents Total Water Production During the Year (2) Represents Average Daily Production (3) Represents Metered Consumption per day per Customer, excluding Fire Services.

Annual report of Aquarion Water Company of Massachusetts	Year ended December 31,
CONSUMPTION INFORMATIO	N - Concluded
By Meter SEE ATTACHED RATE TARIFF SHEETS DATED April 1, 20	012 and November 1, 2012
	•••••••••••••••••••••••••••••••••••••••
Per faucet, per year	
Per hose connection, per year,	
Per bath tub, per year,	
Per shower bath, per year,	•••••••••••••••••••••••••••••••••••••••
Per foot tub, per year,	
Per wash tub, per year,	
Per urinal, per year,	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Per water closet, per year,	Le
Per sink, per year,	
Per bowl, per year	·
Per private hydrant, per year,	
For sprinkler systems,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
For water motors,	
Per drinking fountain, per year,	
Per public hydrant, per year,	
For watering troughs,	
Minimum charge,	
Give any contact rates that are in force and state what discounts are	allowed for prompt payment and
what fines are charged for delayed payment	
Are payments required in advance?	
When are meters read and bills rendered?	•

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Annual Report of Aquarion Water Company of Massachusetts

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Year ended December 31, 2012

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY
SIGNATURES OF ABOVE PARTIES AFFIXED OUTSIDE THE COMMONWEALTH OF
MASSACHUSETTS MUST BE PROPERLY SWORN TO
STATE OF CONNECTICUT COUNTY OF FAIRFIELD = Bridgeport, March 27, 2013 <u>Then personally appeared Donald J. Morrissey</u> , Exec. VP Treasurer Secretary Clark & Director of Aquarion Water Company of Mussachusetts, and charles V. Firlotte Director of Aquarion Water Company of Mussachusetts. and severally made oath to the truth of the foregoing statement by them subscribed according to their best knowledge and bellet.
Signature Notary Public or JUGNES OF LID Expiration of Commission GEORGEANNE F'. BERG NOTARY PUBLIC MY COMMISSION EXPIRES NOV. 30, 2016

THE COMMONWEALTH OF MASSACHUSETTS

RETURN

OF

AQUARION WATER COMPANY OF MASSACHUSETTS

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Year Ended December 31, 2012

Name of Officer to whom correspondence should be addressed regarding this report,

	Debra Kirven	
Official Title		
<u></u>	Controller	

Office Address: 600 Lindley Street

Bridgeport, CT 06606 20 riar 32 UBLIC U RECE 6 WH . .0 11 TIES ŝ

RATE FOR METERED SERVICE – SERVICE AREA A

AVAILABILITY

This rate is available to customers located in the following towns on the mains of the Company within the Company's franchise area, for all purposes except fire protection, subject to the Rules and Regulations of the Company: Cohasset (North Cohasset), Hingham, Hull and Norwell.

WATER CHARGE

A water charge will be made for all water used as registered by the meter, as set forth below:

Rate Per Hundred Cubic Feet (CCF)

RATE R1 - Applies to all metered residential usage by customers classified as such on the Company's	s records.
First 12 CCF per Quarter/ 4 CCF per Month	\$2.874
Over 12 CCF per Quarter/ 4 CCF per Month	\$3.915

RATE G1 - Applies to all metered commercial usage by customers classified as such on the Company's records, which do not qualify for Rate G4.

First 12 CCF per Quarter/ 4 CCF per Month	\$2,107
Over 12 CCF per Quarter/ 4 CCF per Month	\$2.638

RATE G2 - Applies to all metered public authority usage by customers classified as such on the Company's records, which do not qualify for Rate G4.

First 12 CCF per Quarter / 4 CCF per Month	\$2,107
Over 12 CCF per Quarter/ 4 CCF per Month	\$2.496

RATE G3 - Applies to all metered industrial usage by customers classified as such on the Company's records, which do not qualify for Rate G4. All Usage \$2.239

RATE G4 - Applies to the total monthly usage by qualifying non-residential customers, classified as such on the Company's records, as per the following criteria: All Usage \$1.572

Monthly billed amounts:

not less than 10,000,000 gallons, and not more than 40,000,000 gallons

Past 12 months total billed amount

not less than 120,000,000 gallons.

Usage which does not meet these criteria shall be charged at the appropriate G1, G2 or G3 Rate.

SERVICE CHARGE

In addition, all metered general water service customers shall pay a service charge on the size of each meter installed. Customers with multiple meters shall be charged for each meter at the indicated rate.

		Service Cha	irge	
Size of Meter	Per Month		Per Quarter	
5/8"	\$	15.61	\$	46.83
3/4"	S	23.73	\$	71.19
1"	· \$	38.09	S	114.27
1 1/2"	S	74.31	\$	222.93
2"	\$	117,71	\$	353.13
3"	S	219.19	S	657.57
4"	\$	363.27	S	1,089.81
6"	\$	725.15	S	2,175.45
8"	\$	1,159.77	S	3,479.31

TERMS OF PAYMENT

The Company may render bills on either a quarterly or monthly basis. The above rates are payable within forty-five (45) days of the date of the bill.

Issued: April 1,2012 Donald J. Morrissey

Effective: April 1, 2012

RATE FOR METERED SERVICE – SERVICE AREA B

AVAILABILITY

This rate is available to customers located in the following towns on the mains of the Company within the Company's franchise area, for all purposes except fire protection, subject to the Rules and Regulations of the Company: Millbury, Oxford.

WATER CHARGE

A water charge will be made for all water used as registered by the meter, as set forth below:

<u>Rate Per</u> <u>Thousand Gallons(KGAL):</u>

RATE R1 - Applies to all metered residential usage by customers classified as such on the Company's records. First 9 KGAL per Quarter/ 3 KGAL per Month \$3.841 Over 9 KGAL per Quarter/ 3 KGAL per Month \$5.233

<u>RATE G1</u> - Applies to all metered commercial usage by customers classified as such on the Company's records, which do not qualify for Rate G4.

First 9 KGAL per Quarter/ 3 KGAL per Month \$2.815 Over 9 KGAL per Quarter/ 3 KGAL per Month \$3.528

RATE G2- Applies to all metered public authority usage by customers classified as such on the Company's records, which do not qualify for Rate G4.

First 9 KGAL per Quarter/ 3 KGAL per Month \$2.815 Over 9 KGAL per Quarter/ 3 KGAL per Month \$3.337

RATE G3- Applies to all metered industrial usage by customers classified as such on the Company's records, which do not qualify for Rate G4. All Usage \$2.992

RATE G4 - Applies to the total monthly usage by qualifying non-residential customers, classified as such on the Company's records, as per the following criteria: All Usage \$2.102

Monthly billed amounts:

not less than 10,000,000 gallons, and not more than 40,000,000 gallons

Past 12 months total billed amount

not less than 120,000,000 gallons.

Usage which does not meet these criteria shall be charged at the G1, G2 or G3 Rate.

SERVICE CHARGE

In addition, all metered general water service customers shall pay a service charge on the size of each meter installed. Customers with multiple meters shall be charged for each meter at the indicated rate.

		Service Cha	irge	
<u>Size of Meter</u>	Per	Month	Per Q	uarter
5/8"	\$	15.61	S	46.83
3/4"	S	23.73	S	71.19
1"	\$	38.09	s	114.27
1 1/2"	\$	74.31	S	222.93
2"	\$	117.71	\$	353.13
3"	\$	219.19	S	657.57
4"	\$	363,27	\$ ·	1,089.81
6"	\$	725.15	S	2,175.45
8"	\$	1,159.77	S	3,479.31

TERMS OF PAYMENT

The Company may render bills on either a quarterly or monthly basis. The above rates are payable within forty-five (45) days of the date of the bill.

Issued: April 1,2012 By: Donald J. Morrissey

Effective: April 1,2012

RATE FOR PRIVATE FIRE PROTECTION

AVAILABILITY

This rate is available to customers located on the mains of the Company within the Company's franchise area for Private Fire Protection, subject to the Rules and Regulations of the Company.

<u>RATE</u>

KATE	<u>Per Year</u>
For each service connection 4" or smaller	\$ 513.47
For each service connection 6"	\$ 1,077.88
For each service connection 8"	\$ 1,868.07
For each service connection 10"	\$ 2,884.02
For each service connection 12"	\$ 4,125.73
For each privately owned fire hydrant serving Cohasset, Hingham, Hull, Millbury and Oxford	\$ 735.39
For each privately owned fire hydrant outside Cohasset, Hingham, Hull, Millbury and Oxford	\$ 924.04

TERMS OF PAYMENT

Bills shall be rendered and due monthly or quarterly in advance. The above rates are net and are payable within forty-five (45) days of the date of the bill. The Company reserves the right to disconnect the service of any customers not having their account paid in full within forty-five (45) days of the date of the bill.

SPECIAL PROVISIONS

(a) All water shall be used for fire protection purposes only.

(b) The Company reserves the right, if water is used in violation of (a) above, to install a meter on the connection at any time which will meet the requirements of the fire insurance companies. In the event a meter is installed, the established meter rates, including both water and service charges, will apply in lieu of the above rates for Private Fire Protection.

Issued: April 1,2012 Dences quin

Effective: April 1,2012

RATE FOR PUBLIC FIRE PROTECTION

AVAILABILITY

This rate is available for Public Fire Protection only, and is subject to the Rules and Regulations of the Company.

RATES

For each Company owned public fire hydrant	\$	221.77
In addition, annual charges as follows:		
Town of Hingham	\$ 35	4,424.00
Town of Hull	\$ 20	3,951.00
Town of Cohasset	\$ 1	6,788,00
Town of Millbury	\$ 14	3,013,00
Town of Oxford	\$ 9	9,487.00

TERMS OF PAYMENT

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Bills shall be rendered and due monthly or quarterly in arrears. The above rates are payable within forty-five (45) days of the date of the bill.

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Issued: April 1,2012

Denses que By:

Effective: April 1,2012

M.D.P.U. No. 2-A Original Sheet No.26

SALE FOR RESALE

<u>AVAILABILITY</u>

This rate is available to municipalities, or political subdivisions thereof, for resale to customers resident in territory contiguous to that served by the Company.

RATE

For all water taken, subject to the minimum charge as provided below:

\$ 2.00 per 1,000 gallons

MINIMUM CHARGE

A variable minimum charge will apply based on the minimum monthly delivery occurring over the preceding 12 months, but not less than 100,000 gallons per month, times the currently allowed rate per 1,000 gallons.

Example: given a minimum monthly billing of 500,000 gallons, the minimum charge Would be \$2.00 x 500 = \$1,000 per month.

TERMS OF PAYMENT

The Company may render bills on either a quarterly or monthly basis. The above rates are payable within forty-five (45) days of the date of the bill.

Issued: April 1,2012 qui Βv

Effective: April 1,2012

MISCELLANEOUS CHARGES

Drought Conditions	
Termination and Restoration Fee – Business Hours*	\$ 49.00
Termination and Restoration Fee – After Hours	\$ 294.00

*Normal business hours are Monday through Friday, 8 am to 4 pm.

System Development Charge ("SDC")

Meter	Capacity	Ratio to 5/8"	Fee
Size**	GPM	Meter	
5/8"	20	1.00	\$640
3/4"	30	1.50	\$960
1"	50	2.50	\$1,600
1 1/2"	100	5.00	\$3,200
2"	160	8.00	\$5,120
3"	320	16.00	\$10,240
4"	500	25,00	\$16,000

*SDC is determined on a case by case basis for meter sizes greater than 4".

Issued: April 1,2012 am By:

Effective: April 1,2012

M.D.P.U. No. 2-A Original Sheet No.28

OTHER SERVICES

AVAILABILITY

This rate is available to all classes of customers located on the mains of the Company Subject to the Rules and Regulations of the Company.

Frozen Meters	Actual Cost of Meter	
Meter Test Fees 1" and less	\$	50.00
Larger than 1"	\$	75.00
Return Check Fee	\$	20.00
Seasonal Meter Set & Turn On Fee	\$	49.00
Seasonal Meter Removal Fee & Turn Off Fee	\$	49.00
Turn-on Fee – Business Hours		49.00
After Hours Callout	\$	294.00
Non-Payment Reconnect – Business Hours	\$	49.00
Non-Payment Reconnect – After Hours		294.00
Theft of Service		1,000.00
(or triple the amount of damages which ever is greater)		
Cross Connection - One Device Testing	\$	75.00
Each Additional	\$	35.00

TERMS OF PAYMENT

The Company may render bills on either a quarterly or monthly basis. The above rates are payable within forty-five (45) days of the date of the bill.

Issued: April 1,2012 om By:

Effective: April 1,2012

\$0.7342

\$1.0119

The following surcharges are applicable to all metered customers located in the following towns on the mains of the Company within the Company's franchise area: Cohasset, (North Cohasset), Hingham, Hull and Norwell.

SURCHARGE

	Service Charge	
Size of Meter	Per Month	Per Quarter
5/8"	10.25	\$30.75
3/4"	\$15.59	\$46.77
1"	\$25.01	\$75.03
1 1/2"	\$48.79	\$146.37
2"	\$77.28	\$231.84
3"	\$143.91	\$431.73
4"	\$238.52	\$715.56
6"	\$476.11	\$1,428.33
8"	\$761.47	\$2,284.41

Consumption Charge per 100 cubic feet for Water Treatment Facility Lease

Consumption Charge per 100 cubic feet for Water Treatment Operation and Maintenance

TERMS OF PAYMENT

The Company may render bills on either a quarterly or monthly basis. The above rates are payable within forty-five (45) days of the date of the bills.

Issued: October 22, 2012 0 Вy

Effective: November 1, 2012

M.D.P.U, No. 2-A Original Sheet No.30

PURCHASED WATER SURCHARGE

AVAILABILITY

All metered general water service customers falling under the G4 rate designation receiving water service from the Millbury system, the City of Worcester interconnection or a combination of both sources. G4 customers will be billed at the customary G4 rate under the Company's approved tariff schedule for water service received from the Millbury system based on readings of the Millbury system meter.

SURCHARGE AMOUNT

In addition, any G4 customer who receives water supplied from the City of Worcester interconnection will be billed an amount equal to the difference in the cost of water purchased from the City of Worcester and the volumetric rate paid by a G4 customer as per the Company's tariff.

To the extent that multiple customers qualify for the G4 rate, the cost of water service from the City of Worcester interconnection will be allocated among the qualifying customers based upon the respective water usage in the applicable billing period.

The surcharge for each forthcoming year will be calculated on December 1 based on the previous 12 months of applicable actual invoices from the City of Worcester. The surcharge will be charged to the customer in equal installments over the calendar year beginning with the January billing.

TERMS OF PAYMENT

The Company renders bills on a monthly basis. The above rates are payable within forty-five (45) days of the date of the bill.

Issued: April 1,2012 By:

Effective: April 1,2012