

The Commonwealth of Massachusetts

RETURN

OF

[Plymouth Water Company](#)

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Year Ended December 31, 2015

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

[Sheryl L. Fairchild](#)

Official title:

[Treasurer](#)

Office Address:

[37 Northwest Drive, Plainville, CT 06062](#)

Annual report of [Name Water Company](#)

Year Ending December 31, [year](#)

To add company name and date to header, right click first sheet and select "Select All."
Then change the header and it will change across all sheets.

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General Information - Continued

1. Full corporate title company, Plymouth Water Company Telephone No. (508) 759-6877
2. Location of principal business office, 37 Northwest Dr., Plainville, CT 06062
3. Date of organization, November 15, 1990 4. Date of incorporation, November 15, 1990
5. Whether incorporated under general or special law, General
6. If under special law, give chapter and year of act, N/A
7. Give chapter and year of any subsequent special legislation affecting the Company N/A

8. Territory covered by charter rights, N/A

9. Capital stock authorized by charter \$ 15,000 shares, no par value
10. Capital stock issued prior to August 1, 1914 \$ N/A
11. Capital stock issued with approval of Board of Gas and Electric Light Commissioners or the Department of Public Utilities since August 1, 1914, N/A
shares of par value of \$ each \$
12. If additional stock has been issued during the last fiscal period, give the date, amount, and price thereof, the date or dates on which the same was paid in, and the number of shares so sold and the amounts realized:
D.P.U. No. N/A

13. Management Fees and Expenses during the Year None
List all individuals, associations, corporations or concerns with whom the company has any contract or agreement, covering management or supervision of its affairs such as accounting, financing, engineering, construction, purchasing, operation and show the total amount paid to each for the year.

14. Date when Company first began to distribute and sell water January 1, 1991
15. Total number of stockholders, 1
16. Number of stockholders resident in Massachusetts, none
17. Amount of stock held in Massachusetts, number of shares N/A amount, \$0.00

COMPARATIVE GENERAL BALANCE SHEET

The entries in this balance sheet should be consistent with those in the supporting schedules on the pages indicated.

Line No.	Balance at Beginning of Year (a)	Assets (b)	Balance at Close of Year (c)	Net Change During Year (d)
1		Investments		
2	4,278,828	101 - 113 Plant Investment (p 202)	4,225,462	(53,366)
3	30,815	114 - 119 General Equipment (p 202)	39,451	8,636
4	7,206	201 Unfinished Construction (p 202)	-	(7,206)
5	-	202 Miscellaneous Physical Property (p 203)	-	-
6	-	203 Other Investments (p 203)	-	-
7	4,316,849	Total Investments	4,264,913	(51,936)
8		Current Assets		
9	16,415	204 Cash	33,514	17,099
10	-	205 Special Deposits	-	-
11	-	206 Notes Receivable	-	-
12	31,720	207 Accounts Receivable	47,527	15,807
13	-	208 Interest and Dividends Receivable	-	-
14	-	209 Materials and Supplies	-	-
15	-	210 Other Current Assets	-	-
16	48,135	Total Current Assets	81,041	32,906
17		Reserve Funds		
18	-	211 Sinking Funds	-	-
19	-	212 Insurance and Other Funds	-	-
20	-	Total Reserve Funds	-	-
21		Prepaid Accounts		
22	2,768	213 Prepaid Insurance	-	(2,768)
23	-	214 Prepaid Interest	-	-
24	5,719	215 Other Prepayments	9,128	3,409
25	8,487	Total Prepaid Accounts	9,128	641
26		Unadjusted Debits		
27	22,859	216 Unamortized Dept Discount Exp (p 203)	21,817	(1,042)
28	-	217 Property Abandoned	-	-
29	364,757	218 Other Unadjusted Debits (p 203)	436,974	72,217
30	387,616	Total Unadjusted Debits	458,792	71,176
31				
32	4,761,087	Grand Total	4,813,874	52,787

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COMPARATIVE GENERAL BALANCE SHEET				
The entries in this balance sheet should be consistent with those in the supporting schedules on the pages indicated.				
Line No.	Balance at Beginning of Year (a)	Assets (b)	Balance at Close of Year (c)	Net Change During Year (d)
1		Capital Stock		
2				
3	1	301 Common Stock (p 204)	1	-
4	-	302 Preferred Stock (p 204)	-	-
5	(892,000)	303 Treasury Stock (p 204)	(892,000)	-
6	(891,999)	Total Capital Stock	(891,999)	-
7				
8	1,556,810	304 Premium on Capital Stock	1,557,853	1,043
9				
10		Bonds, Coupon, and Long Term Notes		
11				
12	-	305 Bonds (p 204)	-	-
13	518,479	306 Coupon and Long Term Notes (p 204)	481,137	(37,342)
14	518,479	Total Bonds, Coupons, and Long Term Notes	481,137	(37,342)
15		Current Liabilities		
16	-	307 Notes Payable (p 205)	-	-
17	37,554	308 Accounts Payable	132,498	94,944
18	-	309 Customers' Deposits	-	-
19	-	310 Matured Interest Unpaid	-	-
20	-	311 Dividends Declared	-	-
21	-	312 Other Current Liabilities	-	-
22	37,554	Total Current Liabilities	132,498	94,944
23		Accrued Liabilities		
24	55,205	313 Tax Liability	80,047	24,842
25	12	314 Interest Accrued	1,399	1,387
26	17,320	315 Other Accrued Liabilities	15,009	(2,311)
27	72,537	Total Accrued Liabilities	96,455	23,918
28		Unadjusted Credits		
29	-	316 Premium on Bonds (p 205)	-	-
30	-	317 Other Unadjusted Credits (p 205)	-	-
31	-	Total Unadjusted Credits	-	-
32		Reserves		
33	-	318 Insurance and Casualty Reserves	-	-
34	1,535,539	319 Depreciation Reserve (p 206)	1,536,470	931
35	(856,067)	320 Other Reserves (Accum. Amort CIAC)	(911,977)	(55,910)
36	679,472	Total Reserves	624,493	(54,979)
37		Appropriated Surplus		
38	-	321 Sinking Fund Reserves	-	-
39	2,795,515	323 Contributions for Extensions	2,795,515	0
40	-	324 Surplus Invested in Plant	-	-
41	2,795,515	Total Appropriated Surplus	2,795,515	0
42	(7,281)	400 Profit and Loss Balance (p 301)	17,921	25,202
43	2,788,234	Total Corporate Surplus	2,813,436	25,202
44				
45	4,761,087	Grand Total	4,813,874	52,787

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PLANT INVESTMENT ACCOUNTS

Show for all items of plant, classified in accordance with the prescribed Uniform System of Accounts, the particulars called for by the column headings.

Credits in column (d) for plant retired during the year should be fully explained in a footnote. Column (e), "Adjustments During Year" should be interpreted to mean modifications of entries made in prior accounting periods. When any adjusting entry is made in Column (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 column in black.

When the whole or any part of "Unfinished Construction" is transferred to the Plant accounts, the amounts transferred should appear in Column (e) in red and the amounts should appear in Column (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					
2	Organization	200	-	-	-	200
3	Misc Intangible Invest	(200)	-	-	-	(200)
4	Total Intangible Property	-	-	-	-	-
5	Tangible Property					
6	Land	147,000	-	-	-	147,000
7	Structures	1,125,326	12,798	(2,789)	-	1,135,335
8	Pumping Plant Equipment	464,867	-	-	-	464,867
9	Misc. Pumping Plant Equipment	-	-	-	-	-
10	Purification System	134,667	1,344	(1,040)	-	134,971
11	Transmission and Distribution Mains	1,085,470	4,216	-	-	1,089,686
12	Services	5,894	14,223	-	-	20,117
13	Consumers' Meters	283,943	13,859	(94,587)	-	203,215
14	Conumers' Meter Installation	31,811	3,380	-	-	35,191
15	Hydrants	315,950	5,900	-	-	321,850
16	Fire Cisterns, Basins, Fountains	-	-	-	-	-
17	Water Rights	683,900	-	-	-	683,900
18	Miscellaneous Expenditures	-	-	-	-	-
19	Total Plant Investment	4,278,828	55,720	(98,416)	-	4,236,132
20	General Equipment					
21	Office Equipment	28,384	485	(2,985)	-	25,884
22	Shop Equipment	-	-	-	-	-
23	Stores Equipment	-	-	-	-	-
24	Transportation Equipment	-	-	-	-	-
25	Laboratory Equipment	-	-	-	-	-
26	Miscellaneous Equipment	2,431	467	-	-	2,898
27	Total General Equip	30,815	952	(2,985)	-	28,782
28	Unfinished Construction	7,206	49,467	(56,673)	-	-
29	Total Cost of All Property	4,316,849	106,139	(158,074)	-	4,264,914
30	Assessed Value of Real Estate	1,823,700				1,874,500
31	Assessed Value of Other Property *	258,030				258,030
32	Total Assessed Value	2,081,730				2,132,530

* Personal property was not assessed until 2014. Figures are per the Town of Plymouth tax bills.

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MISCELLANEOUS PHYSICAL PROPERTY					
Give particulars of all investments of the respondent in physical property not devoted to utility operation.					
Line No.	Description and Location of Miscellaneous Physical Property Held End of Year (a)	Book Value at End of Year (b)	Revenue for the Year (c)	Expense for the Year (d)	Net Revenue for the Year (e)
1					
2					
3					
4					
5	Totals	\$ -	\$ -	\$ -	\$ -

OTHER INVESTMENTS					
Give particulars of investments in stocks, bonds, etc., held by the respondent at end of year.					
	Description of Security held by Respondent (a)	Amount (b)			
6			\$		
7					
8					
9			TOTAL		

UNAMORTIZED DEBT DISCOUNT AND EXPENSE					
Give an analysis of the respondent's accodiscount and/or expense on bonds, coupon, or short term notes. If the account represents only the expense incurred in connection with the issue, the word "Discount" should be erased. Entires in Column (d) should be consistent with the returns made on page 301, Schedules of Income and Profit and Loss.					
Line No.	Name of Security (a)	Unextinguished Discount at Beginning of Year (b)	Discount on Bonds, etc. Issued During Year (c)	Discount Written Off During Year (d)	Unextinguished Discount at Close of Year (e)
10	Farmington Bank - LTD	20,422		1,042	19,380
11	Farmington Bank - LOC	2,437			2,437
12					-
13					-
14					-
15	Totals	\$ 2,437	\$ -	\$ 1,042	\$ 21,817

OTHER UNADJUSTED DEBITS					
Give an analysis of the above-entitled account as close of year, showing in detail each item or subaccount amounting to \$500 or more. Items less than \$500 may be combined in a single entry "Minor Items.....in number, each less than \$500," giving the number of items thus combined.					
Line No.	Description and Character of Unadjusted Debits (a)	Balance at Beginning of Year (b)	Amount Added During Year (c)	Amount Written Off During Year (d)	Balance at Close of Year (e)
16	Regulatory Asset- Purchase premium	157,208		2,280	154,928
17	Regulatory Asset- Acquisition expense	138,717	1,043	4,658	135,102
18	Rate case expense	65,153	66,447	8,774	122,826
19	Investigation main extension	877	-	-	877
20	3 year tank inspection	2,679	-	893	1,786
21	Renew 20 year WMA permit	123	-	-	123
22	Digitize/develop PWC system	-	2,831	-	2,831
23	Deferred income taxes	12,000	6,500	-	18,500
	Totals	\$ 376,757	\$ 76,822	\$ 16,605	\$ 436,974

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CAPITAL STOCK

Give particulars of the various issues of capital stock of the respondent, as called for in the following schedule.
In stating the amount of Capital Stock authorized in Column (d) show only the amount authorized by the regulatory body.

Line No.	Description (a)	Number of Shares Authorized (b)	Par Value of One Share (c)	Amount of Capital Stock Authorized (d)	Amount Actually Outstanding at End of Year (e)	Total Premium at End of Year (f)
1	Capital Stock: Common,	15,000	\$	\$ 1	\$	\$ 1
2	Preferred,					
3	Premium,			1,556,810		1,557,853
4	Treasury Stock			(892,000)		(892,000)
5	TOTALS			\$ 664,811		\$ 665,854

BONDS, COUPON, AND LONG TERM NOTES.

Give particulars of various issues of bonds, coupon, and long term notes as called for in the following schedule, giving the names of any underlying issues that may have been assumed by the respondent. The total of Col (b) should be consistent with return made on page 301, Income Schedule (line 20).

Line No.	Name and Character of Obligation (a)	Date of Issue (b)	Date of Maturity (c)	Par Value Authorized (d)	Par Value Actually Outstanding at End of Year (e)	Interest Provisions		Interest Accrued During Year Charged to Income (h)	Interest Paid During Year (i)
						Rate Per Cent. (f)	Dates Due (g)		
6	Mortgage Bonds:								
7									
8									
9									
10	Total Bonds,								
11	Coupon and Long Term Notes:								
12	Farmington Bank - LTD	12/31/2013	12/1/2033	500,000	481,137	3.375%		1,399	15,369
13	Farmington Bank - line of credit	6/1/2014	6/1/2015	100,000	-	variable		-	1,389
14									
15									
16									
17	Total Coupon and Long Term Notes			600,000	481,137	0		1,399	16,758
18	GRAND TOTAL							Totals	16,758

SUNDRY CURRENT LIABILITIES						
Line No.	NOTES PAYABLE					
	Name of Creditor (a)	Date of Issue (b)	Date of Maturity (c)	How Secured (d)	Rate of Interest (e)	Amount (f)
1						\$
2						
3						
4						
5						
6						
7						
8				TOTAL		
PREMIUM ON BONDS						
Give an analysis of the respondent's accounts covering premium on bonds or other evidences of indebtedness. Entries in Column (d) should be consistent with the returns made on page 301, Schedules of Income and Profit and Loss.						
	Name of Security (a)	Unextinguished Premium at Beginning of Year (b)	Premium on Bonds Issued During Year (c)	Premium Written Off During Year (d)	Unextinguished Premium at End of Year (e)	
9		\$	\$	\$	\$	
10						
11						
12	TOTALS					
OTHER UNADJUSTED CREDITS						
Give the names in Column (a) and indicate the character, in Column (b) of the several subaccounts that appear as "Other Unadjusted Credits." For items less than \$1,000, a single entry may be made under the caption "Minor accounts.....in number, each less than \$1,000," stating the number.						
	Name of Subaccount (a)	Character of Subaccount (b)			Amount (c)	
13					\$	
14						
15						
16						
17						
18		TOTAL				

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DEPRECIATION RESERVE		
Show below the amount credited during the year to Depreciation Reserve, and the amount charged to Depreciation Reserve on account of property retired. Also the balance in the account at the close of the year.		
Line No.	(a)	Amount (b)
1	Balance at beginning of year	\$ 1,535,539
2	Credits to Depreciation Reserve during year:	
3	Acct. 610-10 Depreciation	46,422
4	Other Accounts (CIAC portion)	55,910
5		
6	TOTAL CREDITS DURING YEAR	\$ 1,637,871
7	Net Charges for Plant Retired:	
8	Book Cost of Plant Retired	101,401
9	Cost of Removal	
10	Salvage (credit in red)	
11		
12	NET CHARGES DURING YEAR	101,401
13	Balance December 31	\$ 1,536,470

BASES OF DEPRECIATION CHARGES	
Give in detail the rule and rates by which the respondent determined the amount charged to operating expenses and other accounts, and credited to Depreciation Reserve. Report also the depreciation taken for the year for federal income tax purposes.	
14	The Company uses the straight-line method of depreciation over the estimated service
15	lives of depreciable plant ranging from 3 to 80 years as approved by MA DPU. Utility
16	plant funded by advances and contributions is excluded from rate base and contributions
17	are not depreciated for ratemaking purposes. The cost of this plant, offset by an equal
18	corresponding amount reported within Contributions in Aid of Construction, is \$2,795,515.
19	

Page 301				
INCOME STATEMENT FOR THE YEAR				
Give the Income Account of the respondent for the year ended December 31, in accordance with the Uniform System of Accounts for Water Companies				
Line No.	Account No.	Item (a)	Amount (b)	Comparison with Previous Year (c)
1		Operating Income		
2	500	Operating Revenues (p 302)	419,773	93,565
3	600	Operating Expenses (p 302-303)	328,740	32,447
4		Net Operating Revenues	91,033	61,118
5	550	Uncollectible Operating Revenues	6,118	5,094
6	551	Taxes (p 303)	44,666	19,249
7		Net Operating Income	40,249	36,775
8		Non-Operating Income		
9	560	Merchandising and Jobbing Revenue*	4,151	(3,399)
10	561	Rent from Appliances	-	-
11	562	Miscellaneous Rent Income	-	-
12	563	Interest and Dividend Income	-	-
13	564	Inc. from Sink. And Other Res. Funds	-	-
14	565	Amortization of Premium on Bonds (p. 204)	-	-
15	566	Miscellaneous Non-operating Income	-	-
16		Total Non-operating Income	4,151	(3,399)
17		Total Gross Income	44,400	33,376
18		Deductions From Gross Income		
19	575	Miscellaneous Rents	-	-
20	576	Interest on Bonds and Coupon Notes	18,156	1,035
21	577	Miscellaneous Interest Deductions	-	(164)
22	578	Amortization of Discount (p 203)	1,042	22
23	579	Miscellaneous Deductions from Income	-	-
24		Total Deductions from Gross Income	19,198	893
25		Income Balance Transferred to Profit and Loss	25,202	32,483

Profit and Loss Statement

Show hereunder the items of the Profit and Loss Account of the respondent, classified in accordance with the Uniform System of Accounts for Water Companies.

	Account Number	Item	Debits	Credits
26		Credits		
27	401	Credit Balance at Beginning of Fiscal Period (p 201)		-
28	402	Credit Balance transferred from Income Acct (p301)		25,202
29	403	Miscellaneous Credits (note)		-
30		Debits		
31	411	Debit Balance at Beginning of Fiscal Period (p 201)	7,281	
32	412	Debit Balance transferred from Income Acct (p 301)		
33	413	Surplus applied to Sinking Fund and Other Reserves		

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34	414	Dividend Appropriations of Surplus (p 302)		
35	415	Appropriations of Surplus for Depreciation (p 204)		
36	416	Discn't on Bonds Extins'd through Surplus (p 203)		
37	417	Other Deductions from Surplus (note)		
38	418	Appropriations of Surplus for Construction		
39		Balance Carried Forward to Balance Sheet	17,921	
40		Totals		
41 (Note) Explain below amounts entered as Other Deductions form Surplus or Miscellaneous Credits:				
42				
43				
44				
45				
*In case the Merchandising and Jobbing business shows a loss, the amount should appear in red.				

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OPERATING REVENUES			
State the operating revenues of the respondent for the year ended December 31, classified in accordance with the Uniform System of Accounts.			
Line No.	Class of Water Operating Revenue (a)	Amount of Revenue For Year (b)	Comparison with Revenue of Previous Year (c)
1	REVENUES FROM SALE OF WATER		
2	501 Metered Sales to General Consumers	417,708	91,830
3	502 Flat-rate Sales to General Consumers		
4	503 Sales to Other Water Companies		
5	504 Municipal Hydrants		
6	505 Miscellaneous Municipal Revenues		
7	Total Revenues from Water Operations	417,708	417,708
8	MISCELLANEOUS REVENUES		
9	506 Rent from Property Unused in Operation		
10	507 Miscellaneous Operating Revenues	2,065	1,735
11	Total Revenues from Miscellaneous Operation	2,065	2,065
12	Total Operating Revenues	419,773	93,565

DIVIDENDS DECLARED DURING THE YEAR							
Give particulars of dividends on each class of stock during the year, and charged to Profit and Loss. This schedule shall include only dividends that have been declared by the Board of Directors during the fiscal year.							
Line No.	Name of Security on which Dividend was Declared (a)	Rate Per Cent		Amount of Capital Stock on which Dividend was Declared (d)	Amount of Dividend (e)	Date	
		Regular (b)	Extra (c)			Declared (f)	Payable (g)
13	No dividends were declared						
14							
15							
16							
17							
18							
19	TOTALS			TOTAL			

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OPERATING EXPENSES

(For companies having average operating revenues of more than \$15,000.)

State the operating expenses of the respondent for the year ended December 31, classifying them in accordance with the Uniform System of Accounts.

Line No.	Account No.	Name of Operating Expense Account (a)	Amount of Operating Expense For Year (b)	Comparison with Previous Year (c)
1		Source of Water Supply Expenses		
2	601-1	Maintenance of Water Supply Buildings and Fixtures	7,498	1,595
3	601-2	Maintenance of Surface Source of Supply Facilities	-	-
4	601-3	Maintenance of Ground Source of Water Supply	246	(509)
5		Total Source of Water Supply Expenses	7,744	1,086
6	602	Water Purchased for Resale	-	-
7		Pumping Expenses		
8	603-1	Pumping Labor	-	-
9	603-2	Boiler Fuel	-	-
10	603-3	Water for Steam	-	-
11	603-4	Electric Power Purchased	33,493	5,784
12	603-5	Miscellaneous Pumping Station Supplies and Expenses	-	-
13	604-1	Maintenance of Power Pumping Buildings and Fixtures	2,326	(3,565)
14	604-2	Maintenance of Pumping Equipment	23,302	(2,728)
15	604-3	Maintenance of Miscellaneous Pumping Plant Equipment	1,730	(2,374)
16		Total Pumping Expenses	60,852	(2,882)
17		Purification Expenses		
18	605-1	Purification Labor	25,344	(2,146)
19	605-2	Purification Supplies and Expenses	31,354	(7,784)
20	606-1	Maintenance of Purification Buildings and Fixtures	-	-
21	606-2	Maintenance of Purification Equipment	212	(660)
22		Total Purification Expenses	56,910	(10,590)
23		Transmission and Distribution Expenses		
24	607	Inspecting Customers' Installations	237	(528)
25	608	Miscellaneous Trans and Dist Supplies and Expenses	1,219	1,219
26	609-1	Maintenance of Trans and Dist Buildings and Expenses	-	-
27	609-2	Maintenance of Trans and Dist Mains	2,263	(4,180)
28	609-3	Maintenance of Storage, Reservoirs, Tanks, and Standpipes	893	893
29	609-4	Maintenance of Services	369	(2,172)
30	609-5	Maintenance of Meters	1,505	175
31	609-6	Maintenance of Hydrants	802	(3,024)
32	609-7	Maintenance of Fountains and Troughs	-	-
33		Total Trans and Dist Expenses	7,289	(7,616)
34		General and Miscellaneous Expenses		
35	610-1	Salaries of General Officers and Clerks	66,646	13,581
36	610-2	General Office Supplies and Expenses	25,898	315
37	610-3	Law Expenses - (and other professional services)	14,397	11,417

38	610-4	Insurance	9,539	3,734
39	610-5	Accidents and Damages	-	-
40	610-6	Store Expenses	-	-
41	610-7	Transportation Expenses	172	(949)
42	610-8	Inventory Adjustments	-	-
43	610-9	Maintenance of General Structure	-	-
44	610-10	Depreciation	46,422	9,900
45	610-11	Miscellaneous General Expenses	32,871	14,451
46		Total General and Miscellaneous Expenses	195,945	52,449
47		Grand Total Operating Expenses	328,740	32,447

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OPERATING EXPENSES

(For companies having average operating revenues not exceeding \$15,000)

State the operating expenses of the respondent for the year ended December 31, classified in accordance with the Uniform System of Accounts.

Line No.	Account No.	Name of Operating Expense Account (a)	Amount of Operating Expenses for Year (b)	Comparison with Previous Year (c)
25	601	Maintenance of Water Supply		-
26	602	Water Purchased for Resale		-
27	603	Pumping Labor, Supplies, and Expenses		
28	604	Maintenance of Pumping Plant		
29	605	Purification Labor, Supplies, and Expenses		
30	606	Maintenance of Purification Buildings and Equipment	-	-
31	607	Inspecting Customers' Installations		
32	608	Miscellaneous Trans and Dist Supplies and Expenses		
33	609	Maintenance of Trans and Dist System		
34	610-10	Depreciation		-
35	610-1-11	Miscellaneous General Expenses	-	-
36			-	-
37	Total Operating Expenses			

TAXES

Line No.	Kind of Tax	Federal	State	Municipal	Total
48	Real Estate/Pers. Prop	-	-	36,866	36,866
49	Income Tax	-	2,000	-	2,000
50	Deferred Income Tax	5,800	-	-	5,800
51					-
52					-
53					-
54					-
55					-
56					-
57		5,800	2,000	36,866	44,666

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REAL ESTATE INFORMATION				
1. Land owned by the Company.				
	Location		Use	
A.	Lot 1068	Plat 123	Well Site #1 Storage Tank & Pumping Station	
B.	Lot 1069	Plat 123	Open Space around Well Site #1	
C.	Lot 1301	Plat 113	Well Site #2 - Pumping Station	
D.				
E.				
F.				
G.				
H.				
I.				
J.				
	Area	When Bought		Cost
A.	646,148 SF +/-	1991		147,000
B.	801,846 SF +/-	1991		
C.	1,283,520 SF +/-	1991		
D.				
E.				
F.				
G.				
H.				
I.				
J.				
2. Buildings owned by Company.				
	Location		Use	
A.	Lot 1068	Plat 123	Pumping Station	
B.	Lot 1301	Plat 113	Pumping Station	
C.				
D.				
E.				
F.				
G.				
H.				
I.				
J.				
	Size	Material	When Built	Cost
A.	34' x 38'	Concrete	1988	172,562
B.	25' x 25'	Concrete block	2003	249,185
C.				
D.				
E.				
F.				
G.				
H.				
I.				
J.				

Note: Cost means the original cost of installation, not book value.

SUPPLY INFORMATION

1. 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.

Source 4239045-01 referred to as Well #1 is located at Lynne Circle. The water source and a 400' radius around the source is owned by PWC. The zone of contribution has been deliniated and approved by DEP. A second source, Source 423045-02 is currently operational and is located at the northern end of Lunn's Way. This water source and a 400' radius around the source is owned by PWC.

2. Watersheds owned by the Company.

Location	Area	When Bought	Cost
A. Well #1	646,148	1991	147,000
B. Well #2	1,283,520	1991	combined
C.			
D.			
Total			147,000

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.

n/a

Cost means the original cost of installation, not the book value.

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SUPPLY INFORMATION - Continued					
4. Wells					
Location	Inside Dimensions	Depth Below High Water	Covered or Uncovered	When Built	Cost
A. Well #1 Lot 1072 B. Well #2 Lot 1301 C. D. E. F.					147,000
<p>5. Give a full and complete description of the wells: Well #1 is a 32" x 18" gravel packed well, 126 feet in depth, with 25 feet of #304 stainless steel well screen. It is equipped with a pumping unit rated at 345 GPM. Development of Well #2 was completed in 2003. Well #2 is a gravel packed well, 141 feet in depth. This well is capable of pumping 735 GPM.</p>					
6. Reservoirs					
Location	Area at Surface When Full	Full Capacity In Gallons	When Built	Cost	
A. Lot 1072 B. C. D. E. F.	1962.5	2 MM	1988	624,000	
<p>7. Describe the reservoirs, stating to what extent they are artificial; to what extent their bottoms 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:</p> <p>Natgun Corporation designed and constructed a 2 million gallon precast, prestressed concrete tank with a water depth of 34'. Approximately 12' of the tank is underground.</p>					
<p>Note: Cost means the original cost of installation, not the book value.</p>					

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PUMPING INFORMATION

1. Give a general description of the method employed for delivering the water to the consumers, stating whether gravity is utilized or not; whether the company owns a pumping station or not; and giving all other pertinent information:

Plymouth Water Company operates two gravel packed wells, Well # 1 (1988) pumps directly into a 2 Million gallon "Natgun" Reservoir. The Reservoir supplies water to the three booster pumps located inside the same building that Well # 1 is located in. The booster pumps are controlled by pressure sensors, at 60 psi. the lead pump is called to run until pressure in the distribution system reaches 70 psi. Well # 2 (2003) is an "on demand" setup, using the same pressure range as Well # 1 booster pumps. Well # 2 employs a VFD drive, and pumps into a 20,000 gallon hydro pneumatic tank (pressure vessel) to improve efficiency during off peak times. The distribution system is a closed system (not gravity fed). PWC owns both pumphouses, and wells.

2. BOILERS [This Schedule is not presently used]

3. CHIMNEYS [This Schedule is not presently used]

4. PUMPING ENGINES, STEAM-ACTUATED [This Schedule is not presently used]

5. PUMPS, DRIVEN BY CONNECTED POWER

Location		Type	Name of Builder	When Installed	Cost		
A.							
B.							
C.							
D.							
E.							
F.							
G.							
H.							
I.							
J.							
	Number of Cyls.	Single or Double Acting	Rated Strokes Per Minute	Length of Stroke	Diameter of Pistons or Plungers	How Driven	Displacement Per 24 Hours
A.							
B.							
C.							
D.							
E.							
F.							
G.							
H.							
I.							
J.							

Note: Cost means the original cost of installation, not the book value.

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PUMPING INFORMATION - Continued

6. Gas producers [This Schedule is not presently used]

7. Internal combustion engines.

	Location		Name of Builder		When Installed	Type of Drive	Cost
A.							
B.							
C.							
	For Gas, Gasoline, or Oil	Number of Cyls.	Single or Double Acting	Dimensions of Cylinders		2 or 4 Stroke Cycle	Rated H.P.
				Diameter	Stroke		
A.							
B.							
C.							

8. ELECTRIC MOTORS, INCLUDING COST OF WIRING SWITCHES, ETC.

	Location	Name of Builder	When Installed	Cost
A.				
B.				
C.				
D.				
E.				
F.				
G.				
H.				
	A.C. or D.C.; If A.C., give Phase	Volts	Type of Drive	Rated H.P.
A.				
B.				
C.				
D.				
E.				
F.				
G.				
H.				

Total Horsepower

Note: Cost means the original cost of installation, not the book value.

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PUMPING INFORMATION - Continued

9. WATER WHEELS AND TURBINES

	Location		Name of Builder		When Installed	Cost
A.						
B.						
C.						
D.						
	Type of Machine	Diameter of Runner	Working Head	Speed	Type of Drive	Rated H.P.
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:

Note: Cost means the original cost of installation, not the book value.

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 PUMPING INFORMATION - Continued
 11. Station Log

Year and Month	Kwhrs. Used	Pounds of Coal Burned	Gallons of Water Pumped	Hours of Pumping	Average Total Static Head	Average Total Dynamic Head
January			4,242,200	189.4		
February			4,015,800	165.7		
March			4,589,600	190.9		
April			4,708,800	252.1		
May			14,374,100	672.1		
June			13,902,200	667.2		
July			14,202,600	749.5		
August			14,778,500	777.2		
September			13,508,600	696.3		
October			6,613,900	370.6		
November			4,155,800	251.2		
December			3,851,300	214.1		
TOTALS			102,943,400	5,196.3		

12. Based upon the displacement of _____ gallons per revolution with _____ percent allowance for slip _____

13. Average gallons pumped per day 282,037

14. Maximum gallons pumped in a day 860,000

15. Date of same 6/15/15

16. Range of pressure in main 50 ps to 80 psi.

17. Average pressure in mains _____ lbs. per sq. in. _____

PUMPING INFORMATION - Concluded

18. Kind of coal	
19. Average price per net ton, delivered	
20. Average price of wood per cord, delivered	
21. Average price of gas per thousand cubic feet	
22. Average price of gasoline per gallon, delivered	
23. Average price of fuel oil per gallon, delivered	
24. Average price of electric power per Kwhr	
25. Wood consumed during the year	Cords
26. Gas consumed during the year	M. Cubic Feet
27. Gasoline consumed during the year	Gals
28. Fuel oil consumed during the year	Gals
29. Electric power used during the year	K.W. Hrs.

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DISTRIBUTION INFORMATION

1. Mains.

Nominal Diameter, Inches	Kind of Pipe*	Weight per Foot**	Lengths in Feet				
			In Use at Beginning of Year	Taken Up Since	Abandoned But Not Taken Up	Laid Since	In Use at Close of Year
6"	PVC C-900		8,405	-	-	-	8,405
8"	PVC C-900		49,003	-	-	-	49,003
12"	PVC C-900		27,887	-	-	-	27,887
			Totals		-		85,295

2. Cost of repairs per mile of pipe, including valves

3. Number of leaks in mains, during the year

4. Number of leaks per mile

5. Length of mains less than 4 inches in diameter

* if laid on surface of ground, mark \$.

** if cast iron, give weight per lineal foot.

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DISTRIBUTION INFORMATION - Continued					
6. Water towers or stand pipes					
	Location		Land		
			Area	When Bought	Cost
A.					
B.					
C.					
D.					
	Inside Diameter	Capacity In Gallons	When Built		Cost
A.					
B.					
C.					
D.					
7. Services					
Nominal Diameter In Inches	Kind of Pipe	Number Installed and In Use at Beginning of Year	Taken Up Since	Laid Since	Installed and In Use at Close of Year
Totals					
8. Average length of service pipe					
9. Average cost of service laid during the year, \$					
10. Percentage of services that are metered,					
11. Percentage in income that is metered,					
12. Leaks in service during the year,					
13. Are service pipes paid for by consumers, in whole or in part and to what extent?					
Note: Cost means the original cost of construction, not the book value.					

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DISTRIBUTION INFORMATION - Continued

14. Gates and valves

Nominal Diameter, Inches	Kind of Valve	Number in Use at Beginning of Year	Removed Since	Installed Since	Number in Use at Close of Year
6"	Gate	177	-	-	177
8"	Gate	106	-	-	106
12"	Gate	63	-	-	63
			TOTALS	0	346

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

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DISTRIBUTION INFORMATION - Continued

14. Hydrants, Public

Nominal Diameter, Inches	Hose Outlets	Number in Use at Beginning of Year	Removed Since	Installed Since	Number in Use at Close of Year
6"	4 1/2"	157			157
Totals		157	-	-	157

16. Were all of the above hydrants purchased and installed at the expense of the company?
 17. If not, under what arrangements were they purchased and installed?

18. Hydrants, Private

Nominal Diameter, Inches	Hose Outlets	Number in Use at Beginning of Year	Removed Since	Installed Since	Number in Use at Close of Year
Totals					

19. Were the above hydrants purchsaed and installed at the expense of the company?
 20. If not, under what arrangements were they purchased and installed?

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DISTRIBUTION INFORMATION - Continued

21. Meters owned by company*

Size, Inches	Number at Beginning of Year		Bought Since	Condemned Since and Removed	Number at Close of Year	
	In Use	On Hand**			In Use	On Hand**
1/2	-	-	-	-	-	-
5/8	827	3	66	38	826	3
3/4	-	-	-	-	-	-
1	-	-	-	-	-	-
1 1/2	1	-	-	-	1	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
6	-	-	-	-	-	-
	Totals	3	66	38	827	3

22. Has the plant been debited with the first cost of installing the meters in use at close of year, above stated? Yes

23. If so, was the cost the actual cost or some assumed or average cost? Actual cost

24. Are any of these meters paid for by consumers, and to what extent? No

* This tabulation should include only those meters that are for use in measuring the supply to consumers.

** These meters should include those that are fit for use only.

DISTRIBUTION INFORMATION - Concluded

25. Meters owned by company as of December 31

Maker	Type	Size								
		1/2	5/8	3/4	1	1 1/2	2	3	4	6
Neptune			826			1				
	Totals	-	826	-	-	1	-	-	-	-

CONSUMPTION INFORMATION

1. Estimated total population of territory covered by franchise		2,895
2. Estimated population reached by the distributing system		2,895
3. Estimated population actually supplied		2,895
4. Total consumption during the year	102,943,400 gals.	
5. Average daily consumption	282,037 gals.	
6. Day on which the greatest amount was pumped		6/15/2015
7. Gallons pumped on above day	860,000 gals.	
8. Week during which greatest amount was pumped	6/15/15-6/21/15	
9. Gallons pumped during above week	3,725,000 gals.	
10. Gallons per day per service	644 gal/day	
11. Consumption metered	102,943,400 gals.	
12. Consumption metered,	100% percent of total consumption	

13. CUSTOMERS

Number Being Supplied at Beginning of Year	Discontinued Since	Connected Since	Number Being Supplied at Close of Year
827	1	0	826

Name of City, Town, or District	Number of Customers as of December 31
Residential Accounts	826
Persons per residence	3.5
Total population	2,895

CONSUMPTION INFORMATION - Concluded

Attach to the Return a printed copy of all schedules of rates and of the rules and regulations

14. Rates in Effect December 31, 2015

By meter

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

Per water closet, per year

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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THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

President

Treasurer

Directors

SIGNATURES OF ABOVE PARTIES AFFIXED OUTSIDE THE COMMONWEALTH OF MASSACHUSETTS
MUST BE PROPERLY SWORN TO

SS.

_____, 20__

Then personally appeared

and severally made oath to the truth of the foregoing statement by them subscribed according to their best knowledge and belief.

*Notary Public or
Justice of the Peace*