

The Commonwealth of Massachusetts

**RETURN**

OF

[Plymouth Water Company](#)

TO THE

**DEPARTMENT OF PUBLIC UTILITIES**

OF MASSACHUSETTS

**For the Year Ended December 31, 2016**

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](#)

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**GENERAL INFORMATION**  
**PRINCIPAL AND SALARIED OFFICERS\***

Titles	Names	Addresses	Annual Salaries
President	Donald Vaughan	37 Northwest Dr., Plainville, CT	
Treasurer	Sheryl Fairchild	37 Northwest Dr., Plainville, CT	
Secretary	Jessica Johnson	37 Northwest Dr., Plainville, CT	
Assistant Secretary	Deborah Carson	37 Northwest Dr., Plainville, CT	

**DIRECTORS\***

Names	Addresses	Fees Paid During Year
Judith Wotton	Lake City, FL	375
Donald Vaughan	Southbridge, MA	-
Bonalyyn Hartley	Venice, FL	375

\* By G.L. c. 164, § 83, each company must include on the Annual Return a "list of the names of all their salaried officers and the amount of the salary paid to each." In addition, by G.L. c. 164, § 77, the Department is required to include in its annual report "the names and addresses of the principal officers and the directors" of the companies subject to G.L. c. 164.

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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

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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		Investments		
2	4,225,462	101 - 113 Plant Investment (p 202)	4,249,993	24,531
3	39,451	114 - 119 General Equipment (p 202)	50,347	10,896
4	-	201 Unfinished Construction (p 202)	3,517	3,517
5	-	202 Miscellaneous Physical Property (p 203)	-	-
6	-	203 Other Investments (p 203)	-	-
7	4,264,913	Total Investments	4,303,857	38,944
8		Current Assets		
9	33,514	204 Cash	121,456	87,942
10	-	205 Special Deposits	-	-
11	-	206 Notes Receivable	-	-
12	47,527	207 Accounts Receivable	43,588	(3,939)
13	-	208 Interest and Dividends Receivable	-	-
14	-	209 Materials and Supplies	139	139
15	-	210 Other Current Assets	-	-
16	81,041	Total Current Assets	165,183	84,142
17		Reserve Funds		
18	-	211 Sinking Funds	-	-
19	-	212 Insurance and Other Funds	-	-
20	-	Total Reserve Funds	-	-
21		Prepaid Accounts		
22	-	213 Prepaid Insurance	-	-
23	-	214 Prepaid Interest	-	-
24	9,128	215 Other Prepayments	10,938	1,810
25	9,128	Total Prepaid Accounts	10,938	1,810
26		Unadjusted Debits		
27	21,817	216 Unamortized Dept Discount Exp (p 203)	20,797	(1,020)
28	-	217 Property Abandoned	-	-
29	436,974	218 Other Unadjusted Debits (p 203)	381,344	(55,631)
30	458,792	Total Unadjusted Debits	402,141	(56,651)
31				
32	4,813,874	Grand Total	4,882,119	68,245

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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	1,557,853	304 Premium on Capital Stock	1,557,853	-
9				
10		Bonds, Coupon, and Long Term Notes		
11				
12	-	305 Bonds (p 204)	-	-
13	481,137	306 Coupon and Long Term Notes (p 204)	461,665	(19,472)
14	481,137	Total Bonds, Coupons, and Long Term Notes	461,665	(19,472)
15		Current Liabilities		
16	-	307 Notes Payable (p 205)	-	-
17	132,498	308 Accounts Payable	143,540	11,042
18	-	309 Customers' Deposits	-	-
19	-	310 Matured Interest Unpaid	-	-
20	-	311 Dividends Declared	-	-
21	-	312 Other Current Liabilities	-	-
22	132,498	Total Current Liabilities	143,540	11,042
23		Accrued Liabilities		
24	80,047	313 Tax Liability	98,437	18,390
25	1,399	314 Interest Accrued	1,343	(56)
26	15,009	315 Other Accrued Liabilities	2,621	(12,388)
27	96,455	Total Accrued Liabilities	102,401	5,945
28		Unadjusted Credits		
29	-	316 Premium on Bonds (p 205)	-	-
30	-	317 Other Unadjusted Credits (p 205)	-	-
31	-	Total Unadjusted Debits	-	-
32		Reserves		
33	-	318 Insurance and Casualty Reserves	-	-
34	1,536,470	319 Depreciation Reserve (p 206)	1,608,082	71,613
35	(911,977)	320 Other Reserves (Accum. Amort CIAC)	(967,887)	(55,910)
36	624,493	Total Reserves	640,196	15,703
37		Appropriated Surplus		
38	-	321 Sinking Fund Reserves	-	-
39	2,795,515	323 Contributions for Extensions	2,795,515	-
40	-	324 Surplus Invested in Plant	-	-
41	2,795,515	Total Appropriated Surplus	2,795,515	-
42	17,921	400 Profit and Loss Balance (p 301)	72,948	55,027
43	2,813,436	Total Corporate Surplus	2,868,463	55,027
44				
45	4,813,874	Grand Total	4,882,119	68,245

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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	1,135,335	-	-	-	1,135,335
8	Pumping Plant Equipment	464,867	1,736	-	-	466,603
9	Misc. Pumping Plant Equipment	-	-	-	-	-
10	Purification System	134,971	749	-	-	135,720
11	Transmission and Distribution Mains	1,089,686	-	-	-	1,089,686
12	Services	20,117	745	-	-	20,862
13	Consumers' Meters	203,215	41,763	(31,388)	-	213,590
14	Conomers' Meter Installation	35,191	10,725	-	-	45,916
15	Hydrants	321,850	-	-	-	321,850
16	Fire Cisterns, Basins, Fountains	-	-	-	-	-
17	Water Rights	683,900	-	-	-	683,900
18	Miscellaneous Expenditures	-	-	-	-	-
19	Total Plant Investment	4,236,132	55,718	(31,388)	-	4,260,462
20	General Equipment					
21	Office Equipment	25,885	10,894	-	-	36,779
22	Shop Equipment	-	-	-	-	-
23	Stores Equipment	-	-	-	-	-
24	Transportation Equipment	-	-	-	-	-
25	Laboratory Equipment	-	-	-	-	-
26	Miscellaneous Equipment	2,898	-	-	-	2,898
27	Total General Equip	28,783	10,894	-	-	39,677
28	Unfinished Construction	-	-	-	-	-
29	Total Cost of All Property	4,264,915	66,612	(31,388)	-	4,300,139
30	Assessed Value of Real Estate	1,869,900				1,869,900
31	Assessed Value of Other Property	1,518,260				1,518,260
32	Total Assessed Value	3,388,160				3,388,160

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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	19,380		1,020	18,360
11	Farmington Bank - LOC	2,437			2,437
12					-
13					-
14					-
15	Totals	\$ 2,437	\$ -	\$ 1,020	\$ 20,797
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	154,928		6,835	148,093
17	Regulatory Asset- Acquisition expense	135,102		13,976	121,126
18	Rate case expense	122,826	9,756	31,941	100,642
19	Investigation main extension	877			877
20	3 year tank inspection	1,786		895	891
21	Renew 20 year WMA permit	123			123
22	Digitize/develop PWC system	2,831	360		3,191
23	Deferred income taxes	18,500		12,100	6,400
	Totals	\$ 436,974	\$ 10,116	\$ 65,746	\$ 381,343

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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,			1,557,853		1,557,853
4	Treasury Stock			(892,000)		(892,000)
5	TOTALS			\$ 665,854		\$ 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	461,665	3.375%		1,343	16,213
13	Farmington Bank - line of credit	6/1/2016	6/1/2017	100,000	-	variable		-	41
14									
15									
16									
17	Total Coupon and Long Term Notes			600,000	461,665	0		1,343	16,253
18	GRAND TOTAL						Totals		16,253



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	\$ 1,536,470
2	Credits to Depreciation Reserve during year:	
3	Acct. 610-10 Depreciation	47,091
4	Other Accounts (CIAC portion)	55,910
5		
6	TOTAL CREDITS DURING YEAR	\$ 1,639,471
7	Net Charges for Plant Retired:	
8	Book Cost of Plant Retired	31,189
9	Cost of Removal	
10	Salvage (credit in red)	
11		
12	NET CHARGES DURING YEAR	31,189
13	Balance December 31	\$ 1,608,282

## 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)	546,868	127,095
3	600	Operating Expenses (p 302-303)	364,032	35,292
4		Net Operating Revenues	182,836	91,803
5	550	Uncollectible Operating Revenues	2,952	(3,166)
6	551	Taxes (p 303)	107,574	62,908
7		Net Operating Income	72,310	32,061
8		Non-Operating Income		
9	560	Merchandising and Jobbing Revenue*	(66)	(4,217)
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	(66)	(4,217)
17		Total Gross Income	72,244	27,844
18		Deductions From Gross Income		
19	575	Miscellaneous Rents	-	-
20	576	Interest on Bonds and Coupon Notes	16,197	(1,959)
21	577	Miscellaneous Interest Deductions	-	-
22	578	Amortization of Discount (p 203)	1,020	(22)
23	579	Miscellaneous Deductions from Income	-	-
24		Total Deductions from Gross Income	17,217	(1,981)
25		Income Balance Transferred to Profit and Loss	55,027	29,825
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)		17,921
28	402	Credit Balance transferred from Income Acct (p301)		55,027
29	403	Miscellaneous Credits (note)		-
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	Surplus applied to Sinking Fund and Other Reserves		

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Year Ending December 31, 2016

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	72,948	
40		Totals		
41 (Note) Explain below amounts entered as Other Deductions form Surplus or Miscellaneuous 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	540,059	122,351
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	540,059	122,351
8	MISCELLANEOUS REVENUES		
9	506 Rent from Property Unused in Operation	6,809	4,744
10	507 Miscellaneous Operating Revenues	6,809	4,744
11	Total Revenues from Miscellaneous Operation	6,809	4,744
12	Total Operating Revenues	546,868	127,095

## 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)	Declared (f)	Payable (g)
		Regular (b)	Extra (c)				
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	1,122	(6,376)
3	601-2	Maintenance of Surface Source of Supply Facilities	-	-
4	601-3	Maintenance of Ground Source of Water Supply	451	205
5		Total Source of Water Supply Expenses	1,574	(6,170)
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	32,133	(1,360)
12	603-5	Miscellaneous Pumping Station Supplies and Expenses	-	-
13	604-1	Maintenance of Power Pumping Buildings and Fixtures	752	(1,574)
14	604-2	Maintenance of Pumping Equipment	23,626	324
15	604-3	Maintenance of Miscellaneous Pumping Plant Equipm	2,448	718
16		Total Pumping Expenses	58,959	(1,892)
17		Purification Expenses		
18	605-1	Purification Labor	25,113	(231)
19	605-2	Purification Supplies and Expenses	29,123	(2,231)
20	606-1	Maintenance of Purification Buildings and Fixtures	-	-
21	606-2	Maintenance of Purification Equipment	45	(167)
22		Total Purification Expenses	54,281	(2,629)
23		Transmission and Distribution Expenses		
24	607	Inspecting Customers' Installations	413	176
25	608	Miscellaneous Trans and Dist Supplies and Expenses	1,620	401
26	609-1	Maintenance of Trans and Dist Buildings and Expenses	-	-
27	609-2	Maintenance of Trans and Dist Mains	48	(2,215)
28	609-3	Maintenance of Storage, Reservoirs, Tanks, and Stand	895	2
29	609-4	Maintenance of Services	478	109
30	609-5	Maintenance of Meters	503	(1,002)
31	609-6	Maintenance of Hydrants	-	(802)
32	609-7	Maintenance of Fountains and Troughs	-	-
33		Total Trans and Dist Expenses	3,957	(3,331)
34		General and Miscellaneous Expenses		
35	610-1	Salaries of General Officers and Clerks	79,367	12,721
36	610-2	General Office Supplies and Expenses	27,447	1,549
37	610-3	Law Expenses - (and other professional services)	16,582	2,185

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38	610-4	Insurance	6,747	(2,792)
39	610-5	Accidents and Damages	-	-
40	610-6	Store Expenses	-	-
41	610-7	Transportation Expenses	-	(172)
42	610-8	Inventory Adjustments	-	-
43	610-9	Maintenance of General Structure	-	-
44	610-10	Depreciation	47,091	-
45	610-11	Miscellaneous General Expenses	68,027	35,156
46		Total General and Miscellaneous Expenses	245,261	48,647
47		Grand Total Operating Expenses	364,031	34,624

Page 303A					
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	-	-	65,574	65,574
49	Income Tax	11,000	500	-	11,500
50	Deferred Income Tax	28,300	2,200	-	30,500
51					-
52					-
53					-
54					-
55					-
56					-
57		39,300	2,700	65,574	107,574



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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.

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<b>SUPPLY INFORMATION</b>			
<p>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.</p> <p>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.</p>			
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:			
<p>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.</p> <p>n/a</p>			
Cost means the original cost of installation, not the book value.			

Page 402					
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.

Page 404							
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 Diameter      Stroke		2 or 4 Stroke Cycle	Rated H.P.
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
				Wells 1&2		
January			3,560,300	220.9		
February			3,769,200	192.2		
March			4,160,600	220.8		
April			4,319,700	234.5		
May			8,858,300	480.5		
June			16,581,600	823.1		
July			18,975,700	937.6		
August			15,283,500	791.4		
September			9,463,500	526.1		
October			5,972,500	349		
November			4,519,900	541		
December			4,266,100	213.9		
TOTALS			99,730,900	5,531.0		

12. Based upon the displacement of \_\_\_\_\_ gallons per revolution with

\_\_\_\_\_ percent allowance for slip \_\_\_\_\_

13. Average gallons pumped per day 273,235

14. Maximum gallons pumped in a day 904,100

15. Date of same 6/24/16

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

17. Average pressure in mains 65 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.     |



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: zero
- 4. Number of leaks per mile: zero
- 5. Length of mains less than 4 inches in diameter: zero

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

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

Page 410					
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"	160			160
Totals		160	-	-	160

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	826	3	-	-	826	3
3/4	-	-	-	-	-	-
1	-	-	-	-	-	-
1 1/2	1	-	-	-	1	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
6	-	-	-	-	-	-
	Totals	3	-	-	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.

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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			825			1				
	Totals	-	825	-	-	1	-	-	-	-

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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		95,059,408 gals.	
5. Average daily consumption		260,437 gals.	
6. Day on which the greatest amount was pumped			6/24/2016
7. Gallons pumped on above day		904,100 gals.	
8. Week during which greatest amount was pumped		6/20/16-6/26/16	
9. Gallons pumped during above week		4,623,800 gals.	
10. Gallons per day per service		799 gal/day	
11. Consumption metered		95,059,408 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
826		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	

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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, 2016

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

*Donald J. Vaughan*

President

*Sheryl Fairchild*

Treasurer

*Donald J. Vaughan*

Directors

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

Plainville CT ss.

March 31, 2017

Then personally appeared

*Donald J. Vaughan*  
*Sheryl Fairchild*

**JESSICA R. JOHNSON**  
**NOTARY PUBLIC**  
MY COMMISSION EXPIRES APR. 30, 2018

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

**JESSICA R. JOHNSON**  
**NOTARY PUBLIC**  
MY COMMISSION EXPIRES APR. 30, 2018

*Jessica R. Johnson*  
Notary Public or  
Justice of the Peace

RATES FOR METERED SERVICE

AVAILABILITY

These rates are available to all customers for all purposes except fire protection service, subject to the RULES AND REGULATIONS of the Company.

SERVICE CHARGE

A monthly service charge of \$14.84 per meter will be made to each customer. The service charge shall be due and payable in advance.

VOLUMETRIC CHARGES

Volumetric charges will be made for all water used. Bills for water used shall be due and payable in arrears as rendered. The volumetric charges will be based on the following rates per hundred cubic feet.

	<u>Per Hundred Cubic Feet</u>
First 500 cubic feet per month	\$2.308
Next 1,000 cubic feet per month	\$2.552
Next 1,500 cubic feet per month	\$3.793
Over 3,000 cubic feet per month	\$4.698

Terms of Payment:

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