

The Commonwealth of Massachusetts

RETURN

OF

[Plymouth Water Company](#)

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Year Ended December 31, 2017

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

[Sheryl L. Fairchild](#)

Official title:

[Controller](#)

Office Address:

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

Page 102

GENERAL INFORMATION
PRINCIPAL AND SALARIED OFFICERS*

Titles	Names	Addresses	Annual Salaries
President	Donald J.E. Vaughan	37 Northwest Dr., Plainville, CT	
Treasurer	Michael Slusz	37 Northwest Dr., Plainville, CT	
Secretary	Jessica Johnson	37 Northwest Dr., Plainville, CT	
Assistant Secretary	Sheryl Fairchild	37 Northwest Dr., Plainville, CT	

DIRECTORS*

Names	Addresses	Fees Paid During Year
Judith Wotton	Lake City, FL	500
Donald Vaughan	Southbridge, MA	-
Bonalyh Hartley	Venice, FL	500

* 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.

Page 103

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

Page 200

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	4,249,993	101 - 113 Plant Investment (p 202)	4,278,936	28,943
3	50,347	114 - 119 General Equipment (p 202)	53,780	3,433
4	3,517	201 Unfinished Construction (p 202)	30,718	27,201
5	-	202 Miscellaneous Physical Property (p 203)	-	-
6	-	203 Other Investments (p 203)	-	-
7	4,303,857	Total Investments	4,363,434	59,577
8		Current Assets		
9	121,456	204 Cash	107,480	(13,976)
10	-	205 Special Deposits	-	-
11	-	206 Notes Receivable	-	-
12	43,588	207 Accounts Receivable	40,324	(3,264)
13	-	208 Interest and Dividends Receivable	-	-
14	139	209 Materials and Supplies	139	-
15	-	210 Other Current Assets	-	-
16	165,183	Total Current Assets	147,943	(17,240)
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	10,938	215 Other Prepayments	328	(10,610)
25	10,938	Total Prepaid Accounts	328	(10,610)
26		Unadjusted Debits		
27	20,797	216 Unamortized Dept Discount Exp (p 203)	19,777	(1,020)
28	-	217 Property Abandoned	-	-
29	381,344	218 Other Unadjusted Debits (p 203)	365,473	(15,870)
30	402,141	Total Unadjusted Debits	385,251	(16,890)
31				
32	4,882,119	Grand Total	4,896,956	14,837

Page 201				
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		Bonds, Coupon, and Long Term Notes		
10				
11				
12	-	305 Bonds (p 204)	-	-
13	461,665	306 Coupon and Long Term Notes (p 204)	441,470	(20,195)
14	461,665	Total Bonds, Coupons, and Long Term Notes	441,470	(20,195)
15		Current Liabilities		
16	-	307 Notes Payable (p 205)	-	-
17	143,540	308 Accounts Payable	99,525	(44,015)
18	-	309 Customers' Deposits	-	-
19	-	310 Matured Interest Unpaid	-	-
20	-	311 Dividends Declared	-	-
21	-	312 Other Current Liabilities	-	-
22	143,540	Total Current Liabilities	99,525	(44,015)
23		Accrued Liabilities		
24	98,437	313 Tax Liability	109,400	10,963
25	1,343	314 Interest Accrued	1,284	(59)
26	2,621	315 Other Accrued Liabilities	9,894	7,273
27	102,401	Total Accrued Liabilities	120,578	18,177
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	1,608,082	319 Depreciation Reserve (p 206)	1,714,229	106,147
35	(967,887)	320 Other Reserves (Accum. Amort CIAC)	(1,023,797)	(55,910)
36	640,196	Total Reserves	690,433	50,237
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	72,948	400 Profit and Loss Balance (p 301)	83,581	10,633
43	2,868,463	Total Corporate Surplus	2,879,097	10,633
44				
45	4,882,119	Grand Total	4,896,956	14,837

Page 202						
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	466,603	17,382	-	-	483,985
9	Misc. Pumping Plant Equipment	-	-	-	-	-
10	Purification System	135,720	-	-	-	135,720
11	Transmission and Distribution Mains	1,089,686	-	-	-	1,089,686
12	Services	20,862	4,541	-	-	25,403
13	Consumers' Meters	213,590	1,427	-	-	215,017
14	Consumers' Meter Installation	45,916	993	-	-	46,909
15	Hydrants	321,850	4,600	-	-	326,450
16	Fire Cisterns, Basins, Fountains	-	-	-	-	-
17	Water Rights	683,900	-	-	-	683,900
18	Miscellaneous Expenditures	-	-	-	-	-
19	Total Plant Investment	4,260,462	28,943	-	-	4,289,405
20	General Equipment					
21	Office Equipment	36,779	3,434	-	-	40,213
22	Shop Equipment	-	-	-	-	-
23	Stores Equipment	-	-	-	-	-
24	Transportation Equipment	-	-	-	-	-
25	Laboratory Equipment	-	-	-	-	-
26	Miscellaneous Equipment	2,898	-	-	-	2,898
27	Total General Equip	39,677	3,434	-	-	43,111
28	Unfinished Construction	-	-	-	-	-
29	Total Cost of All Property	4,300,139	32,377	-	-	4,332,516
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

Page 203					
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	18,360		1,020	17,340
11	Farmington Bank - LOC	2,437			2,437
12					-
13	Totals	\$ 20,797	\$ -	\$ 1,020	\$ 19,777
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)
14	Regulatory Asset- Purchase premium	148,093	-	6,835	141,258
15	Regulatory Asset- Acquisition expense	121,126	-	13,976	107,150
16	Rate case expense	100,642	-	27,423	73,219
17	Investigation main extension	877	-	-	877
18	Renew 20 year WMA permit	123	-	-	123
19	Digitize/develop PWC system	3,191	768	-	3,959
20	3 year tank inspection	891	-	891	-
21	Deferred income taxes	6,400	8,600	-	15,000
22	Cell Tower Coordination	-	2,684	-	2,684
23	Fead.Study 40units Sub Amanda	-	17,140	-	17,140
24	Tank Inspection/Cleaning	-	4,063	-	4,063
	Totals	\$ 381,343	\$ 33,255	\$ 49,125	\$ 365,473

Page 204

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	441,470	3.375%		1,284	15,489
13	Farmington Bank - line of credit	9/1/2017	9/1/2018	100,000	-	variable		-	-
14									
15									
16									
17	Total Coupon and Long Term Notes			600,000	441,470	0		1,284	15,489
18	GRAND TOTAL						Totals		15,489

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				

Page 206		
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	\$ 1,608,282
2	Credits to Depreciation Reserve during year:	
3	Acct. 610-10 Depreciation	50,237
4	Other Accounts (CIAC portion)	55,910
5		
6	TOTAL CREDITS DURING YEAR	\$ 1,714,429
7	Net Charges for Plant Retired:	
8	Book Cost of Plant Retired	-
9	Cost of Removal	
10	Salvage (credit in red)	
11		
12	NET CHARGES DURING YEAR	-
13	Balance December 31	\$ 1,714,429
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)	458,896	(87,972)
3	600	Operating Expenses (p 302-303)	377,740	13,708
4		Net Operating Revenues	81,156	(101,680)
5	550	Uncollectible Operating Revenues	75	(2,877)
6	551	Taxes (p 303)	54,920	(52,654)
7		Net Operating Income	26,162	(46,148)
8		Non-Operating Income		
9	560	Merchandising and Jobbing Revenue*	288	354
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	635	635
16		Total Non-operating Income	923	989
17		Total Gross Income	27,084	(45,160)
18		Deductions From Gross Income		
19	575	Miscellaneous Rents	-	-
20	576	Interest on Bonds and Coupon Notes	15,431	(766)
21	577	Miscellaneous Interest Deductions	-	-
22	578	Amortization of Discount (p 203)	1,020	-
23	579	Miscellaneous Deductions from Income	-	-
24		Total Deductions from Gross Income	16,451	(766)
25		Income Balance Transferred to Profit and Loss	10,633	(44,394)
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)		72,948
28	402	Credit Balance transferred from Income Acct (p301)		10,633
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		

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	83,581	
40		Totals	83,581	83,581

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.

Page 302

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	452,706	(87,353)
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	452,706	(87,353)
8	MISCELLANEOUS REVENUES		
9	506 Rent from Property Unused in Operation	6,190	(619)
10	507 Miscellaneous Operating Revenues	6,190	(619)
11	Total Revenues from Miscellaneous Operation	6,190	(619)
12	Total Operating Revenues	458,896	(87,972)

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			

Page 303				
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	4,945	3,823
3	601-2	Maintenance of Surface Source of Supply Facilities	-	-
4	601-3	Maintenance of Ground Source of Water Supply	76	(376)
5		Total Source of Water Supply Expenses	5,021	3,447
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	32,386	253
12	603-5	Miscellaneous Pumping Station Supplies and Expenses	-	-
13	604-1	Maintenance of Power Pumping Buildings and Fixtures	1,330	578
14	604-2	Maintenance of Pumping Equipment	22,743	(883)
15	604-3	Maintenance of Miscellaneous Pumping Plant Equipment	2,298	(150)
16		Total Pumping Expenses	58,757	(202)
17		Purification Expenses		
18	605-1	Purification Labor	25,640	527
19	605-2	Purification Supplies and Expenses	33,017	3,894
20	606-1	Maintenance of Purification Buildings and Fixtures	-	-
21	606-2	Maintenance of Purification Equipment	977	932
22		Total Purification Expenses	59,634	5,353
23		Transmission and Distribution Expenses		
24	607	Inspecting Customers' Installations	249	(164)
25	608	Miscellaneous Trans and Dist Supplies and Expenses	1,596	(24)
26	609-1	Maintenance of Trans and Dist Buildings and Expenses	-	-
27	609-2	Maintenance of Trans and Dist Mains	2,619	2,571
28	609-3	Maintenance of Storage, Reservoirs, Tanks, and Standpipes	891	(3)
29	609-4	Maintenance of Services	26	(452)
30	609-5	Maintenance of Meters	2,367	1,864
31	609-6	Maintenance of Hydrants	594	594
32	609-7	Maintenance of Fountains and Troughs	-	-
33		Total Trans and Dist Expenses	8,342	4,385
34		General and Miscellaneous Expenses		
35	610-1	Salaries of General Officers and Clerks	77,894	(1,473)
36	610-2	General Office Supplies and Expenses	27,833	386
37	610-3	Law Expenses - (and other professional services)	21,301	4,719

Annual report of Plymouth Water Company

Year Ending December 31, 2017

38	610-4	Insurance	6,181	(566)
39	610-5	Accidents and Damages	-	-
40	610-6	Store Expenses	-	-
41	610-7	Transportation Expenses	-	-
42	610-8	Inventory Adjustments	-	-
43	610-9	Maintenance of General Structure	-	-
44	610-10	Depreciation	50,237	3,146
45	610-11	Miscellaneous General Expenses	62,541	(5,486)
46		Total General and Miscellaneous Expenses	245,987	726
47		Grand Total Operating Expenses	377,740	13,709

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	-	-	52,557	52,557
49	Income Tax	-	463	-	463
50	Deferred Income Tax	5,600	(3,700)	-	1,900
51					-
52					-
53					-
54					-
55					-
56					-
57		5,600	(3,237)	52,557	54,920

Page 400				
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.

Page 401			
SUPPLY INFORMATION			
<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 delineated 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					147,000
B. Well #2 Lot 1301					
C.					
D.					
E.					
F.					
<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	1962.5	2 MM	1988	624,000	
B.					
C.					
D.					
E.					
F.					
<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>There are currently no plans on increasing the capacity of this tank</p> <p>Storage Tank was cleaned in October of 2017</p> <p>Note: Cost means the original cost of installation, not the book value.</p>					

Page 403

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		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.

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.

Page 407

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			4,337,800	203.1		
February			3,836,200	179.6		
March			4,219,500	209.5		
April			4,399,700	276.1		
May			6,581,700	401.2		
June			9,696,400	526.5		
July			14,642,600	779		
August			14,496,600	770.1		
September			8,392,500	495.6		
October			6,696,600	407.9		
November			4,619,400	297.8		
December			4,104,000	228.4		
TOTALS			86,023,000	4,774.8		

12. Based upon the displacement of _____ gallons per revolution with

_____ percent allowance for slip _____

13. Average gallons pumped per day 235,679

14. Maximum gallons pumped in a day 715,600

15. Date of same 7/21/2017

16. Range of pressure in main 50 ps to 80 psi.17. Average pressure in mains 65 lbs. per sq. in. _____

Page 408

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.

Page 409

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	-	-	27	8,432
8"	PVC C-900		49,003	-	-	2,270	51,273
12"	PVC C-900		27,887	-	-	-	27,887
			Totals				
					-		87,592

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.					

Page 411

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	-	4	181
8"	Gate	106	-	8	114
12"	Gate	63	-	-	63
			TOTALS	12	358

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

Page 412
 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		4	164
Totals		160	-	4	164

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?

Page 413

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	6
3/4	-	-	-	-	-	-
1	-	-	-	-	-	-
1 1/2	1	-	-	-	1	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
6	-	-	-	-	-	-
	Totals	3	-	-	827	6

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.

Page 414

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	-	-	-	-

Page 415			
CONSUMPTION INFORMATION			
1. Estimated total population of territory covered by franchise			2,486
2. Estimated population reached by the distributing system			2,486
3. Estimated population actually supplied			2,486
4. Total consumption during the year		78,983,908 gals.	
5. Average daily consumption		235,679 gals.	
6. Day on which the greatest amount was pumped		7/21/2017	
7. Gallons pumped on above day		715,600 gals.	
8. Week during which greatest amount was pumped		7/17/17-7/23/17	
9. Gallons pumped during above week		3,890,500 gals.	
10. Gallons per day per service		285 gal/day	
11. Consumption metered		78,983,908 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		0	827
Name of City, Town, or District		Number of Customers as of December 31	
Residential Accounts		827	
Persons per residence		3.01	
Total population		2,486	

Page 416

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, 2017

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 \$14.84

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?

417

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Controller

Treasurer

Directors

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

Hartford ss. Plainville May 1, 2018

Then personally appeared

Sheryl Fairchild
Michael Slusz

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-Connecticut
My Commission Expires
April 30, 2023

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.