

The Commonwealth of Massachusetts

RETURN

OF

Plymouth Water Company

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Period Ended June 28, 2018

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	0
Treasurer	Michael Slusz	37 Northwest Dr., Plainville, CT	0
Secretary	Jessica Johnson	37 Northwest Dr., Plainville, CT	0
Assistant Secretary	Sheryl Fairchild	37 Northwest Dr., Plainville, CT	0

DIRECTORS*		
Names	Addresses	Fees Paid During Year
Judith Wotton	Lake City, FL	350
Donald Vaughan	Southbridge, MA	-
Bonalyn Hartley	Venice, FL	350

* 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 June 28, 2018 (c)	Net Change During Year (d)
1		Investments		
2	4,278,936	101 - 113 Plant Investment (p 202)	4,286,283	7,347
3	53,780	114 - 119 General Equipment (p 202)	54,820	1,039
4	30,718	201 Unfinished Construction (p 202)	228,132	197,415
5	-	202 Miscellaneous Physical Property (p 203)	-	-
6	-	203 Other Investments (p 203)	-	-
7	4,363,434	Total Investments	4,569,235	205,801
8		Current Assets		
9	107,480	204 Cash	84,120	(23,360)
10	-	205 Special Deposits	-	-
11	-	206 Notes Receivable	-	-
12	40,324	207 Accounts Receivable	52,159	11,834
13	-	208 Interest and Dividends Receivable	-	-
14	139	209 Materials and Supplies	1,396	1,258
15	-	210 Other Current Assets	-	-
16	147,943	Total Current Assets	137,675	(10,268)
17		Reserve Funds		
18	-	211 Sinking Funds	-	-
19	-	212 Insurance and Other Funds	-	-
20	-	Total Reserve Funds	-	-
21		Prepaid Accounts		
22	-	213 Prepaid Insurance	3,947	3,947
23	-	214 Prepaid Interest	-	-
24	328	215 Other Prepayments	1,161	833
25	328	Total Prepaid Accounts	5,107	4,779
26		Unadjusted Debits		
27	19,777	216 Unamortized Dept Discount Exp (p 203)	19,267	(510)
28	-	217 Property Abandoned	-	-
29	365,473	218 Other Unadjusted Debits (p 203)	350,845	(14,628)
30	385,251	Total Unadjusted Debits	370,112	(15,138)
31				
32	4,896,956	Grand Total	5,082,129	185,173

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 June 28, 2018 (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	441,470	306 Coupon and Long Term Notes (p 204)	659,332	217,862
14	441,470	Total Bonds, Coupons, and Long Term Notes	659,332	217,862
15		Current Liabilities		
16	-	307 Notes Payable (p 205)	-	-
17	99,525	308 Accounts Payable	102,964	3,439
18	-	309 Customers' Deposits	-	-
19	-	310 Matured Interest Unpaid	-	-
20	-	311 Dividends Declared	-	-
21	-	312 Other Current Liabilities	-	-
22	99,525	Total Current Liabilities	102,964	3,439
23		Accrued Liabilities		
24	109,400	313 Tax Liability	109,441	41
25	1,284	314 Interest Accrued	-	(1,284)
26	9,894	315 Other Accrued Liabilities	(7,825)	(17,719)
27	120,578	Total Accrued Liabilities	101,616	(18,962)
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	1,714,229	319 Depreciation Reserve (p 206)	1,741,229	27,000
35	(1,023,797)	320 Other Reserves (Accum. Amort CIAC)	(1,023,797)	-
36	690,433	Total Reserves	717,433	27,000
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	-	-

Annual report of Plymouth Water Company

Period Ending June 28, 2018

41	2,795,515	Total Appropriated Surplus	2,795,515	-
42	83,581	400 Profit and Loss Balance (p 301)	39,416	(44,165)
43	2,879,097	Total Corporate Surplus	2,834,931	(44,165)
44				
45	4,896,957	Grand Total	5,082,129	185,173

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 June 28, 2018 (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	2,091	-	-	1,137,426
8	Pumping Plant Equipment	483,985	-	-	-	483,985
9	Misc. Pumping Plant Equipment	-	-	-	-	-
10	Purification System	135,720	-	-	-	135,720
11	Transmission and Distribution Mains	1,089,686	3,941	-	-	1,093,627
12	Services	25,403	1,057	-	-	26,460
13	Consumers' Meters	215,017	42	-	-	215,059
14	Consumers' Meter Installation	46,909	216	-	-	47,125
15	Hydrants	326,450	-	-	-	326,450
16	Fire Cisterns, Basins, Fountains	-	-	-	-	-
17	Water Rights - Reservoir (storage tank)	683,900	-	-	-	683,900
18	Miscellaneous Expenditures	-	-	-	-	-
19	Total Plant Investment	4,289,405	7,347	-	-	4,296,752
20	General Equipment					
21	Office Equipment	40,213	1,039	-	-	41,252
22	Shop Equipment	-	-	-	-	-
23	Stores Equipment	-	-	-	-	-
24	Transportation Equipment	-	-	-	-	-
25	Laboratory Equipment	-	-	-	-	-
26	Miscellaneous Equipment	2,898	-	-	-	2,898
27	Total General Equip	43,111	1,039	-	-	44,150
28	Unfinished Construction					
29	Total Cost of All Property	4,332,516	8,386	-	-	4,340,902
30	Assessed Value of Real Estate	1,860,500				1,845,600
31	Assessed Value of Other Property	1,235,080				1,083,160
32	Total Assessed Value	3,095,580				2,928,760

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 28-Jun-18 (e)
10	Farmington Bank - LTD	17,340		510	16,830
11	Farmington Bank - LOC	2,437			2,437
12					-
13	Totals	\$ 19,777	\$ -	\$ 510	\$ 19,267

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 28-Jun-18 (e)
14	Regulatory Asset- Purchase premium	141,258	-	3,417	137,841
15	Regulatory Asset- Acquisition expense	107,150	-	6,989	100,161
16	Rate case expense	73,219	-	13,711	59,507
17	Investigation main extension	877	-	-	877
18	Renew 20 year WMA permit	123	-	-	123
19	Digitize/develop PWC system	3,959	100	-	4,059
20	Deferred income taxes	15,000	-	-	15,000
21	Cell Tower Coordination	2,684	327	-	3,011
22	Fead.Study 40units Sub Amanda	17,140	9,062	-	26,202
23	Tank Inspection/Cleaning	4,063	-	-	4,063
	Totals	\$ 365,473	\$ 9,489	\$ 24,118	\$ 350,844

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	\$ 1,714,229
2	Credits to Depreciation Reserve during year:	
3	Acct. 610-10 Depreciation	27,000
4	Other Accounts (CIAC portion)	
5		
6	TOTAL CREDITS DURING YEAR	\$ 1,741,229
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 June 28, 2018	\$ 1,741,229
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 June 28, 2018, 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)	170,489	(288,407)
3	600	Operating Expenses (p 302-303)	183,082	(171,422)
4		Net Operating Revenues	(12,593)	(116,986)
5	550	Uncollectible Operating Revenues	(19)	(94)
6	551	Taxes (p 303)	24,630	(30,289)
7		Net Operating Income	(37,204)	(86,602)
8		Non-Operating Income		
9	560	Merchandising and Jobbing Revenue*	942	654
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)
16		Total Non-operating Income	942	19
17		Total Gross Income	(36,262)	(86,583)
18		Deductions From Gross Income		
19	575	Miscellaneous Rents	-	-
20	576	Interest on Bonds and Coupon Notes	7,393	(8,038)
21	577	Miscellaneous Interest Deductions	-	-
22	578	Amortization of Discount (p 203)	510	(510)
23	579	Miscellaneous Deductions from Income	-	-
24		Total Deductions from Gross Income	7,903	(8,548)
25		Income Balance Transferred to Profit and Loss	(44,165)	(78,036)

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)		83,581
28	402	Credit Balance transferred from Income Acct (p301)		(44,165)
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		

Annual report of Plymouth Water Company

Period Ending June 28, 2018

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	39,416	
40		Totals	39,416	39,416
41 (Note) Explain below amounts entered as Other Deductions form Surplus or Misecellaneous 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 June 28, 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	169,034	(283,672)
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	169,034	(283,672)
8	MISCELLANEOUS REVENUES		
9	506 Rent from Property Unused in Operation	1,455	(4,735)
10	507 Miscellaneous Operating Revenues	1,455	(4,735)
11	Total Revenues from Miscellaneous Operation	1,455	(4,735)
12	Total Operating Revenues	170,489	(288,407)

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			

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 June 28, 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	3,934	(1,011)
3	601-2	Maintenance of Surface Source of Supply Facilities	-	-
4	601-3	Maintenance of Ground Source of Water Supply	87	12
5		Total Source of Water Supply Expenses	4,021	(999)
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	12,657	(19,729)
12	603-5	Miscellaneous Pumping Station Supplies and Expenses	-	-
13	604-1	Maintenance of Power Pumping Buildings and Fixtures	1,774	444
14	604-2	Maintenance of Pumping Equipment	12,162	(10,581)
15	604-3	Maintenance of Miscellaneous Pumping Plant Equipment	1,458	(840)
16		Total Pumping Expenses	28,051	(30,706)
17		Purification Expenses		
18	605-1	Purification Labor	12,973	(12,667)
19	605-2	Purification Supplies and Expenses	10,776	(22,241)
20	606-1	Maintenance of Purification Buildings and Fixtures	-	-
21	606-2	Maintenance of Purification Equipment	781	(196)
22		Total Purification Expenses	24,529	(35,105)
23		Transmission and Distribution Expenses		
24	607	Inspecting Customers' Installations	54	(194)
25	608	Miscellaneous Trans and Dist Supplies and Expenses	540	(1,056)
26	609-1	Maintenance of Trans and Dist Buildings and Expenses	-	-
27	609-2	Maintenance of Trans and Dist Mains	359	(2,260)
28	609-3	Maintenance of Storage, Reservoirs, Tanks, and Standpipes	-	(891)
29	609-4	Maintenance of Services	942	915
30	609-5	Maintenance of Meters	640	(1,727)
31	609-6	Maintenance of Hydrants	-	(594)
32	609-7	Maintenance of Fountains and Troughs	-	-
33		Total Trans and Dist Expenses	2,535	(5,807)
34		General and Miscellaneous Expenses		
35	610-1	Salaries of General Officers and Clerks	39,384	(38,510)
36	610-2	General Office Supplies and Expenses	14,153	(13,680)
37	610-3	Law Expenses - (and other professional services)	9,498	(11,803)

Annual report of Plymouth Water Company

Period Ending June 28, 2018

38	610-4	Insurance	3,323	(2,858)
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	27,000	(23,237)
45	610-11	Miscellaneous General Expenses	30,587	(31,954)
46		Total General and Miscellaneous Expenses	123,945	(122,042)
47		Grand Total Operating Expenses	183,082	(194,659)

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 June 28, 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	-	-	24,630	24,630
49	Income Tax	-	-	-	-
50	Deferred Income Tax	-	-	-	-
51					-
52					-
53					-
54					-
55					-
56					-
57		-	-	24,630	24,630

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

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 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.

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.

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>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>					

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.

Page 405

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
January			4,099,200			
February			3,665,600			
March			4,175,800			
April			4,263,200			
May			6,460,300			
June			12,592,200			
July						
August						
September						
October						
November						
December						
TOTALS			35,256,300	-		

12. Based upon the displacement of _____ gallons per revolution with _____ percent allowance for slip _____
13. Average gallons pumped per day **193,185**
14. Maximum gallons pumped in a day _____
15. Date of same _____
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 Close of Year
			In Use at Beginning of Year	Taken Up Since	Abandoned But Not Taken Up	Laid Since	
6"	PVC C-900		8,432	-	-	-	8,432
8"	PVC C-900		51,273	-	-	-	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					
<p>8. Average length of service pipe</p> <p>9. Average cost of service laid during the year, \$</p> <p>10. Percentage of services that are metered,</p> <p>11. Percentage in income that is metered,</p> <p>12. Leaks in service during the year,</p> <p>13. Are service pipes paid for by consumers, in whole or in part and to what extent?</p>					
<p>Note: Cost means the original cost of construction, not the book value.</p>					

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	181	-	-	181
8"	Gate	114	-	-	114
12"	Gate	63	-	-	63
			TOTALS	0	358
<p>The above list should include all valves that are installed in the mains, whether they are gate valves, blow-offs, check valves or otherwise.</p>					

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"	163		4	167
Totals		163	-	4	167
<p>16. Were all of the above hydrants purchased and installed at the expense of the company?</p> <p>17. If not, under what arrangements were they purchased and installed?</p>					
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					
<p>19. Were the above hydrants purchsaed and installed at the expense of the company?</p> <p>20. If not, under what arrangements were they purchased and installed?</p>					

DISTRIBUTION INFORMATION - Continued

21. Meters owned by company*

Size, Inches	Number at Beginning of Year		Bought Since	Condemned Since and Removed	Number as of June 28	
	In Use	On Hand**			In Use	On Hand**
1/2	-	-	-	-	-	-
5/8	826	6	-	-	826	6
3/4	-	-	-	-	-	-
1	-	-	-	-	-	-
1 1/2	1	-	-	-	1	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
6	-	-	-	-	-	-
	Totals	6	-	-	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 June 28

Maker	Type	Size								
		1/2	5/8	3/4	1	1 1/2	2	3	4	6
Neptune			832			1				
	Totals	-	832	-	-	1	-	-	-	-

Page 415			
CONSUMPTION INFORMATION			
1. Estimated total population of territory covered by franchise			2,513
2. Estimated population reached by the distributing system			2,513
3. Estimated population actually supplied			2,513
4. Total consumption during the year		34,198,611 gals	
5. Average daily consumption (gals)			187,389.65
6. Day on which the greatest amount was pumped			
7. Gallons pumped on above day			
8. Week during which greatest amount was pumped			
9. Gallons pumped during above week			
10. Gallons per day per service		227 gal/day	
11. Consumption metered		34,198,611 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 28-Jun
827		0	827
Name of City, Town, or District		Number of Customers as of June 28	
Plymouth, MA		827	

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 June 28

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

[Handwritten signature]

Controller

[Handwritten signature]

President

Directors

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

Hartford ss. Plainville April 30th, 2019

Then personally appeared

Sheryl Fairchild
Nicholas LaChance

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

[Handwritten signature]
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.