

The Commonwealth of Massachusetts

RETURN

OF

East Northfield 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:

Lynne E. Raymer

Official title:

Treasurer

Office Address:

One Parker Avenue, Northfield, MA 01360

Mailing Address:

PO Box 152, Northfield, MA 01360

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* 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, East Northfield Water Company Telephone No. 413-498-3217
2. Location of principal business office, One Lamplighter Way, Mount Hermon, MA 01354
3. Date of organization, **1/18/1927** 4. Date of incorporation, **2/11/1927**
5. Whether incorporated under general or special law, Federal Law
6. If under special law, give chapter and year of act,
7. Give chapter and year of any subsequent special legislation affecting the Company None

8. Territory covered by charter rights, East Northfield, Massachusetts

9. Capital stock authorized by charter \$ **25,000**
10. Capital stock issued prior to August 1, 1914 \$ -
11. Capital stock issued with approval of Board of Gas and Electric Light Commissioners or the Department of Public Utilities since August 1, 1914,

165 shares of par value of \$	100 each	\$	16,500
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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.
None

13. Management Fees and Expenses during the Year \$ **29,124**
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.
Northfield Mount Hermon school

14. Date when Company first began to distribute and sell water **4/1/1928**
15. Total number of stockholders, **One**
16. Number of stockholders resident in Massachusetts, **One**
17. Amount of stock held in Massachusetts, number of shares 165 amount, \$ **16,500**

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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	727,324	101 - 113 Plant Investment (p 202)	727,324	-
3	665,157	114 - 119 General Equipment (p 202)	667,041	1,884
4		201 Unfinished Construction (p 202)		-
5		202 Miscellaneous Physical Property (p 203)		-
6		203 Other Investments (p 203)		-
7	1,392,481	Total Investments	1,394,365	1,884
8		Current Assets		
9	126,237	204 Cash	235,263	109,026
10	-	205 Special Deposits	-	-
11	-	206 Notes Receivable	-	-
12	124,233	207 Accounts Receivable	112,417	(11,816)
13	-	208 Interest and Dividends Receivable	-	-
14		209 Materials and Supplies	-	-
15	-	210 Other Current Assets	-	-
16	250,470	Total Current Assets	347,680	97,210
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		215 Other Prepayments		-
25	-	Total Prepaid Accounts	-	-
26		Unadjusted Debits		
27	-	216 Unamortized Dept Discount Exp (p 203)		-
28	-	217 Property Abandoned	-	-
29	-	218 Other Unadjusted Debits (p 203)		-
30	-	Total Unadjusted Debits	-	-
31				
32	1,642,951	Grand Total	1,742,045	99,094

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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	16,500	301 Common Stock (p 204)	16,500	-
4		302 Preferred Stock (p 204)		-
5		303 Employees' Stock (p 204)		-
6	16,500	Total Capital Stock	16,500	-
7				
8		304 Premium on Capital Stock		
9				
10		Bonds, Coupon, and Long Term Notes		
11				
12		305 Bonds (p 204)		-
13		306 Coupon and Long Term Notes (p 204)		-
14	-	Total Bonds, Coupons, and Long Term Notes	-	-
15		Current Liabilities		
16	675,263	307 Notes Payable (p 205)	850,552	175,289
17	1,746	308 Accounts Payable	2,630	884
18		309 Customers' Deposits		-
19		310 Matured Interest Unpaid		-
20		311 Dividends Declared		-
21		312 Other Current Liabilities		-
22	677,009	Total Current Liabilities	853,182	176,173
23		Accrued Liabilities		
24	513	313 Tax Liability	1,247	734
25		314 Interest Accrued		-
26		315 Other Accrued Liabilities		-
27	513	Total Accrued Liabilities	1,247	734
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	764,521	319 Depreciation Reserve (p 206)	807,889	43,368
35		320 Other Reserves		-
36	764,521	Total Reserves	807,889	43,368
37		Appropriated Surplus		
38		321 Sinking Fund Reserves		
39		323 Contributions for Extensions		-
40		324 Surplus Invested in Plant		-
41	-	Total Appropriated Surplus	-	-

Annual report of East Northfield Water Company

Year Ending December 31, 2016

42	(1,111,484)	400 Profit and Loss Balance (p 301)	(1,245,386)	(133,902)
43	(1,111,484)	Total Corporate Surplus	(1,245,386)	(133,902)
44				
45	347,059	Grand Total	433,432	86,373

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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	-				
3	Misc Intangible Invest	-				
4	Total Intangible Property	-	-	-	-	-
5	Tangible Property					
6	Land					-
7	Structures	605,778				605,778
8	Pumping Plant Equipment	94,017				94,017
9	Misc. Pumping Plant Equipment	27,530				27,530
10	Purification System	191,712				191,712
11	Transmission and Distribution Mains	91,890				91,890
12	Services	92,409	1,884			94,293
13	Consumers' Meters	79,837				79,837
14	Consumers' Meter Installation					-
15	Hydrants	16,793				16,793
16	Fire Cisterns, Basins, Fountains					-
17	Water Rights					-
18	Miscellaneous Expenditures					-
19	Total Plant Investment	1,199,966	1,884	-	-	1,201,850
20	General Equipment					
21	Office Equipment					-
22	Shop Equipment	-				-
23	Stores Equipment	-				-
24	Transportation Equipment	-	-	-		-
25	Laboratory Equipment	-				-
26	Miscellaneous Equipment	192,515				192,515
27	Total General Equip	192,515	-	-	-	192,515
28	Unfinished Construction	-				-
29	Total Cost of All Property	1,392,481	1,884	-	-	1,394,365
30	Assessed Value of Real Estate					
31	Assessed Value of Other Property					
32	Total Assessed Value	-				-

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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					-
11					-
12					-
13					-
14					-
15	Totals	\$ -	\$ -	\$ -	\$ -

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					-
17					-
18					-
19					-
20					-
21					-
	Totals	\$ -	\$ -	\$ -	\$ -

CAPITAL STOCK

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,	250	\$ 100.00	\$ 25,000	\$ 16,500	
2	Preferred,					
3	Premium,					
4	Capital in excess of par				1,308,613	
5	TOTALS			\$ 25,000		\$ -

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).

[illegible]

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	Northfield Mount Hermon School					850,552
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	\$ 764,521
2	Credits to Depreciation Reserve during year:	
3	Acct. 610-10 Depreciation	43,368
4	Other Accounts	
5		
6	TOTAL CREDITS DURING YEAR	\$ 807,889
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	\$ 807,889

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.

Straight-line depreciation

14	Hydrants & Services	50 years
15	Transmissions & distribution mains	50 years
16	Chemical treatment plant structures	35 years
17	Meters	20 years
18	General Equipment	20 years
19	Chemical treatment plant equipment	12 years

Tax Depreciation \$ 50,058

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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)	210,451	228,109
3	600	Operating Expenses (p 302-303)		
4		Net Operating Revenues		
5	550	Uncollectible Operating Revenues		
6	551	Taxes (p 303)		
7		Net Operating Income		
8		Non-Operating Income		
9	560	Merchandising and Jobbing Revenue*		
10	561	Rent from Appliances		
11	562	Miscellaneous Rent Income		
12	563	Interest and Dividend Income	419	155
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	419	155
17		Total Gross Income		
18		Deductions From Gross Income		
19	575	Miscellaneous Rents		
20	576	Interest on Bonds and Coupon Notes		
21	577	Miscellaneous Interest Deductions		
22	578	Amortization of Discount (p 203)		
23	579	Miscellaneous Deductions from Income		
24		Total Deductions from Gross Income	-	-
25		Income Balance Transferred to Profit and Loss		

Profit and Loss Statement

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

	Account Number	Item	Debits	Credits
26		Credits		
27	401	Credit Balance at Beginning of Fiscal Period (p 201)		
28	402	Credit Balance transferred from Income Acct (p301)		
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 Name Water Company

Year Ending December 31, year

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		
40		Totals		
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.

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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	210,451	
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	210,451	210,451
8	MISCELLANEOUS REVENUES		
9	506 Rent from Property Unused in Operation		
10	507 Miscellaneous Operating Revenues		-
11	Total Revenues from Miscellaneous Operation	-	-
12	Total Operating Revenues	210,451	210,451 (17,658)

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	None						
14							
15							
16							
17							
18							
19							

20					
21					
22					
23					
24	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 321, 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	601-2	Maintenance of Surface Source of Supply Facilities	-	-
4	601-3	Maintenance of Ground Source of Water Supply		-
5		Total Source of Water Supply Expenses	-	-
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	603-5	Miscellaneous Pumping Station Supplies and Expenses	-	-
13	604-1	Maintenance of Power Pumping Buildings and Fixtures		-
14	604-2	Maintenance of Pumping Equipment		-
15	604-3	Maintenance of Miscellaneous Pumping Plant Equipment		-
16		Total Pumping Expenses	-	-
17		Purification Expenses		
18	605-1	Purification Labor		-
19	605-2	Purification Supplies and Expenses		-
20	606-1	Maintenance of Purification Buildings and Fixtures	-	-
21	606-2	Maintenance of Purification Equipment		-
22		Total Purification Expenses	-	-
23		Transmission and Distribution Expenses		
24	607	Inspecting Customers' Installations		-
25	608	Miscellaneous Trans and Dist Supplies and Expenses	-	-
26	609-1	Maintenance of Trans and Dist Buildings and Expenses	61,542	(12,564)
27	609-2	Maintenance of Trans and Dist Mains		-
28	609-3	Maintenance of Storage, Reservoirs, Tanks, and Stand	-	-
29	609-4	Maintenance of Services		-
30	609-5	Maintenance of Meters		-
31	609-6	Maintenance of Hydrants		-
32	609-7	Maintenance of Fountains and Troughs		-
33		Total Trans and Dist Expenses	61,542	(12,564)
34		General and Miscellaneous Expenses		
35	610-1	Salaries of General Officers and Clerks	-	-
36	610-2	General Office Supplies and Expenses	43,084	(6,255)
37	610-3	Law Expenses - General	159,189	75,287

Annual report of Name Water Company

Year Ending December 31, year

38	610-4	Insurance		-
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	21,601	(2,575)
44	610-10	Depreciation	43,368	35
		Amortization	12,721	1
45	610-11	Miscellaneous General Expenses	1,067	(190)
46		Total General and Miscellaneous Expenses	281,030	66,303
47		Grand Total Operating Expenses	342,572	53,739

0
74106

0
49339
83902

24176
43333
12720
1257

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OPERATING EXPENSES

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

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

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

TAXES

Line No.	Kind of Tax	Federal	State	Municipal	Total
48	Income Tax				-
49					2,200
50					-
51					-
52					-
53					-
54					-
55					-
56					-
57		-	-	-	2,200

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REAL ESTATE INFORMATION

1. Land owned by the Company.

	Location	Use
A.	East Northfield, MA	Watershed
B.		
C.		
D.		
E.		
F.		
G.		
H.		
I.		
J.		

	Area	When Bought	Cost
A.	385 acres		
B.			
C.			
D.			
E.			
F.			
G.			
H.			
I.			
J.			

2. Buildings owned by Company.

	Location	Use
A.	Louisiana Road, Northfield, MA	Dry Storage
B.	Louisiana Road, Northfield, MA	Contact Chamber
C.		
D.		
E.		
F.		
G.		
H.		
I.		
J.		

	Size	Material	When Built	Cost
A.	325 sq ft	Pre Cast Concrete	1985	180,843
B.	2,738 sq ft	Pre Cast Concrete	1994	702,536
C.				
D.				
G.				
H.				
I.				
J.				

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

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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.

All water is obtained from the Grandin Reservoir. The Reservoir is leased from Northfield Mount Hermon School.

2. Watersheds owned by the Company.

Location	Area	When Bought	Cost
A. East Northfield, MA	385 Acres		
B.			
C.			
D.			
Total			

Remarks:

Watershed rights are included in lease agreement.

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.

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

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SUPPLY INFORMATION - Continued

4. Wells

Location	Inside Dimensions	Depth Below High Water	Covered or Uncovered	When Built	Cost
A.					
B.					
C.					
D.					
E.					
F.					

5. Give a full and complete description of the wells:

6. Reservoirs

Location	Area at Surface When Full	Full Capacity In Gallons	When Built	Cost
A. East Northfield, MA	7.5 acres	28 million	1935	
B.				
C.				
D.				
E.				
F.				

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:

Single concrete core dam

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

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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:

The entire system is gravity fed.

2. BOILERS **N/A**

3. CHIMNEYS **N/A**

4. PUMPING ENGINES, STEAM-ACTUATED **N/A**

5. PUMPS, DRIVEN BY CONNECTED POWER

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

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

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PUMPING INFORMATION - Continued

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

7. Internal combustion engines. N/A

	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		Rated H.P.
				Diameter	Stroke	
A.						
B.						
C.						

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

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

Total Horsepower

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

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PUMPING INFORMATION - Continued

9. WATER WHEELS AND TURBINES

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

10. Give a full and complete description of any water power rights that are owned by the Company, and say when they were bought and what was paid for them:

N/A

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

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PUMPING INFORMATION - Continued

11. Station Log

Year and Month	Kwhrs. Used	Pounds of Coal Burned	Gallons of Water Pumped	Hours of Pumping	Average Total Static Head	Average Total Dynamic Head
January			1,048,447			
February			872,114			
March			1,087,102			
April			1,340,756			
May			1,425,442			
June			1,753,697			
July			1,962,155			
August			1,823,823			
September			1,679,747			
October			1,557,662			
November			1,442,016			
December			1,327,452			
TOTALS			17,320,413	-		

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

13. Average gallons pumped per day 47,453.19

14. Maximum gallons pumped in a day 108,300

15. Date of same 4/26/2016

16. Range of pressure in main _____ 100 _____ lbs. to _____ 145 _____ lbs.

17. Average pressure in mains _____ 123 _____ lbs. per sq. in. _____

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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	1.33	PROPANE
24. Average price of electric power per Kwhr	15 cents	
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	1330 Gals	PROPANE
29. Electric power used during the year	17,739 K.W. Hrs.	

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DISTRIBUTION INFORMATION

1. Mains.

Nominal Diameter, Inches	Kind of Pipe*	Weight per Foot**	Lengths in Feet				
			In Use at Beginning of Year	Taken Up Since	Abandoned But Not Taken Up	Laid Since	In Use at Close of Year
10"	Cement - Asbestos		5,519				5,519
8"			4,580				4,580
6"			2,150				2,150
8"	Cast-iron		4,912				4,912
6"			6,389				6,389
4"			9,396				9,396
6"	Galvanized Steel		369				369
2"			1,557				1,557
4"	C900 PVC		200				200
				Totals	-		

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

3. Number of leaks in mains, during the year

4. Number of leaks per mile

5. Length of mains less than 4 inches in diameter

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

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

DISTRIBUTION INFORMATION - Continued

6. Water towers or stand pipes

7. Services

8. Average length of service pipe

9. Average cost of service laid during the year, \$

10. Percentage of services that are metered,	100%
--	------

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? **Consumers**

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
12	Gate	3			3
10	Gate	2			2
8	Gate	6			6
6	Gate	17			17
4	Gate	3			3
			TOTALS	31	
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"	3	27			27
Totals		27			27

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
6"	3	13			13
Totals		13			13

19. Were the above hydrants purchased and installed at the expense of the company?

No

20. If not, under what arrangements were they purchased and installed?

Northfield Mount Hermon School

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**
5/8"	255	12	6	12	255	6
1"	14				14	
1 1/2"	6				6	
2"	11				11	
3"	1				1	
Totals		12	6	12	287	

The cost of the meters are included in the water service charge.

* 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
Badger			255		14	6	11	1		
	Totals		255		14	6	11	1		

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CONSUMPTION INFORMATION

1. Estimated total population of territory covered by franchise		726
2. Estimated population reached by the distributing system	584 winter 726 summer	
3. Estimated population actually supplied		726
4. Total consumption during the year	17,320,413 gals.	
5. Average daily consumption	47,453 gals.	
6. Day on which the greatest amount was pumped	4/26/2016	
7. Gallons pumped on above day	108,300	
8. Week during which greatest amount was pumped	4/24/2016 - 4/30/2016	
9. Gallons pumped during above week	387,800	
10. Gallons per day per service		
11. Consumption metered	11,785,477 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
Name of City, Town, or District		Number of Customers as of December 31	
East Northfield, MA		287	

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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

Volumetric Rates:	Per 100 cubic feet
Year-round customers	\$5.64
Seasonal Ridge customers (total volume of consumption divided by # customers)	\$6.48
Seasonal (non-ridge) customers	\$14.90

Customer Charges - Semi-annual based on size of meter:

5/8 - \$87.50; 1 - \$215; 1 1/2 - \$415; 2 - \$690; 3 - \$1,253

Ridge Customers - Annual charge of \$175

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

No discounts are given and no fines are assessed.

Are payments required in advance?

No

When are meters read and bills rendered?

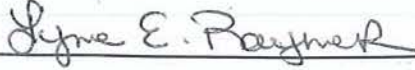
Meter read November for billing period April

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THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY



President



Treasurer



Directors

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

SS.

, 20__

Then personally appeared

and severally made oath to the truth of the foregoing statement by them subscribed according
to their best knowledge and belief.Notary Public or
Justice of the Peace