

The Commonwealth of Massachusetts

RETURN

OF

Sheffield 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:

Mrs. Mary Bartholomew

Official title:

President

Office Address:

1080 S. Undermountain Rd., Sheffield MA 01257

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GENERAL INFORMATION**PRINCIPAL AND SALARIED OFFICERS***

Titles	Names	Addresses	Annual Salaries
President	Mary Bartholomew	Sheffield, MA	\$15,000
Vice President	Dana Bartholomew	Sheffield, MA	\$750
Superintendent	Joseph Wilkinson	Sheffield, MA	\$6,000
Clerk	Martha Williamson	Sheffield, MA	\$750
Treasurer	Mary Bartholomew	Sheffield, MA	\$2,000

DIRECTORS*

Names	Addresses	Fees Paid During Year
Mary Bartholomew	Sheffield, MA	\$250
Martha Williamson	Sheffield, MA	\$250
Grace Campbell	Sheffield, MA	\$250
Dana Bartholomew, Jr.	Westwood, MA	\$250
Laura Bartholomew Guzzi	Norfolk, MA	\$200

* 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, | Sheffield Water Company | Telephone N | (413) 229-2777 |
| 2. Location of principal business office, | Sheffield Massachusetts | | |
| 3. Date of organization, | April 3, 1895 | 4. Date of incorporation, | March 16, 1895 |
| 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, | Main Street, Side Streets, and adjoining territory and rights of way in Town of Sheffield | | |
| 9. Capital stock authorized by charter, | \$ 20,000 | | |
| 10. Capital stock issued prior to August 1, 1914, | \$ | 20,000 | |
| 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, etc. and show the total amount paid to each for the year

- | | | |
|----------------------------------------------------------------|----------------|-------------------|
| 1. New England Service Co. - administration and operations: | \$ | 33,320 |
| 2. Joe Wilkinson Excavating, Inc. - operations: | \$ | 27,190 |
| 2. Smith Watson & Company, LLP - accounting: | \$ | 8,431 |
| 14. Date when Company first began to distribute and sell water | March 10, 1897 | |
| 15. Total number of stockholders, | 9 | |
| 16. Number of stockholders resident in Massachusetts, | 9 | |
| 17. Amount of stock held in Massachusetts, number of shares, | 200 | amount, \$ 20,000 |

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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	1,360,136	101 - 113 Plant Investment (p 202)	1,377,013	16,877
3	653,724	114 - 119 General Equipment (p 202)	653,724	-
4	-	201 Unfinished Construction (p 202)	-	-
5	-	202 Miscellaneous Physical Property (p 203)	-	-
6	-	203 Other Investments (p 203)	-	-
7	2,013,860	Total Investments	2,030,737	16,877
8		Current Assets		
9	89,694	204 Cash	94,022	4,328
10	-	205 Special Deposits	-	-
11	-	206 Notes Receivable	-	-
12	87,949	207 Accounts Receivable	86,143	(1,806)
13	-	208 Interest and Dividends Receivable	-	-
14	2,471	209 Materials and Supplies	1,378	(1,093)
15	-	210 Other Current Assets	-	-
16	180,114	Total Current Assets	181,543	1,429
17		Reserve Funds		
18	-	211 Sinking Funds	-	-
19	-	212 Insurance and Other Funds	-	-
20	-	Total Reserve Funds	-	-
21		Prepaid Accounts		
22	2,511	213 Prepaid Insurance	2,450	(61)
23	-	214 Prepaid Interest	-	-
24	1,929	215 Other Prepayments	-	(1,929)
25	4,440	Total Prepaid Accounts	2,450	(1,990)
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	2,198,414	Grand Total	2,214,730	16,316

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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	20,000	301 Common Stock (p 204)	20,000	-
4		302 Preferred Stock (p 204)		-
5		303 Employees' Stock (p 204)		-
6	20,000	Total Capital Stock	20,000	-
7				
8		304 Premium on Capital Stock		
9		Bonds, Coupon, and Long Term Notes		
10				
11				
12		305 Bonds (p 204)		-
13	996,686	306 Coupon and Long Term Notes (p 204)	916,275	(80,411)
14	996,686	Total Bonds, Coupons, and Long Term Notes	916,275	(80,411)
15		Current Liabilities		
16	20,165	307 Notes Payable (p 205)	14,196	(5,969)
17	39,021	308 Accounts Payable	5,920	(33,101)
18	-	309 Customers' Deposits		-
19	-	310 Matured Interest Unpaid		-
20	-	311 Dividends Declared		-
21	4,630	312 Other Current Liabilities	9,819	5,189
22	63,816	Total Current Liabilities	29,934	(33,882)
23		Accrued Liabilities		
24		313 Tax Liability		-
25		314 Interest Accrued		-
26		315 Other Accrued Liabilities		-
27	-	Total Accrued Liabilities	-	-
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	604,354	319 Depreciation Reserve (p 206)	659,599	55,245
35	61,804	320 Other Reserves (Deferred Taxes)	65,548	3,744
36	666,158	Total Reserves	725,147	58,989
37		Appropriated Surplus		
38		321 Sinking Fund Reserves		-
39		323 Contributions for Extensions		-
40	423,179	324 Surplus Invested in Plant	449,854	26,675
41	423,179	Total Appropriated Surplus	449,854	26,675
42	28,575	400 Profit and Loss Balance (p 301)	73,519	44,944
43	451,754	Total Corporate Surplus	523,373	71,619
44				
45	2,198,414	Grand Total	2,214,730	16,316

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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	70,484				70,484
4	Total Intangible Property	70,484	-	-	-	70,484
5	Tangible Property					
6	Land	62,931				62,931
7	Structures	128,507				128,507
8	Pumping Plant Equipment	38,993				38,993
9	Misc. Pumping Plant Equipment	6,247				6,247
10	Purification System	-				-
11	Transmission and Distribution Mains	771,065	7,811			778,876
12	Services	25,850				25,850
13	Consumers' Meters	205,427	6,867			212,294
14	Consumers' Meter Installation	-				-
15	Hydrants	49,957	2,199			52,156
16	Fire Cisterns, Basins, Fountains	-				-
17	Water Rights	675				675
18	Miscellaneous Expenditures	-				-
19	Total Plant Investment	1,360,136	16,877	-	-	1,377,013
20	General Equipment					
21	Office Equipment	9,978				9,978
22	Shop Equipment	3,303				3,303
23	Stores Equipment	619,717				619,717
24	Transportation Equipment	11,710	-	-		11,710
25	Laboratory Equipment	-				-
26	Miscellaneous Equipment	9,016				9,016
27	Total General Equip	653,724	-	-	-	653,724
28	Unfinished Construction	-				-
29	Total Cost of All Property	2,013,860	16,877	-	-	2,030,737
30	Assessed Value of Real Estate	397,400				397,400
31	Assessed Value of Other Property	717,950				717,950
32	Total Assessed Value	1,115,350				1,115,350

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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

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,	200	\$ 100.00	\$ 20,000	\$ 20,000	
2	Preferred,					
3	Premium,					
4	Treasury Stock					
5	TOTALS			\$ 20,000	\$ 20,000	\$ -

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	Sailsbury Bank and Trust	1992	2021	150,000	48,925	P + 2.75%	Q	1,696	1,696	
13	MWPAT	2011	2031	1,035,671	834,272	2.00%	A	18,281	18,281	
14	Sailsbury Bank and Trust	2012	2018	120,000	33,078	3.25%	M	2,544	2,544	
15										
16										
17	Total Coupon and Long Term Notes			1,305,671	916,275				22,521	
18	GRAND TOTAL							Totals	22,521	

SUNDRY CURRENT LIABILITIES						
NOTES PAYABLE						
Line No.	Name of Creditor (a)	Date of Issue (b)	Date of Maturity (c)	How Secured (d)	Rate of Interest (e)	Amount (f)
1	Mary Bartholomew	11/14/2011	on demand	Corporate Assets	0.19%	14,196
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	\$ 604,354
2	Credits to Depreciation Reserve during year:	
3	Acct. 610-10 Depreciation	54,810
4	Other Accounts (Amortization)	435
5		
6	TOTAL CREDITS DURING YEAR	\$ 659,599
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	\$ 659,599
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		
15		
16		
17		
18		
19		

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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)	307,642	12,251
3	600	Operating Expenses (p 302-303)	166,764	(17,880)
4		Net Operating Revenues	140,878	30,131
5	550	Uncollectible Operating Revenues		
6	551	Taxes (p 303)	44,838	(11,476)
7		Net Operating Income	96,040	41,607
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	-	-
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	-	-
17		Total Gross Income	96,040	41,607
18		Deductions From Gross Income		
19	575	Miscellaneous Rents	-	-
20	576	Interest on Bonds and Coupon Notes	-	-
21	577	Miscellaneous Interest Deductions	22,521	(3,337)
22	578	Amortization of Discount (p 203)	-	-
23	579	Miscellaneous Deductions from Income	-	-
24		Total Deductions from Gross Income	22,521	(3,337)
25		Income Balance Transferred to Profit and Loss	73,519	44,944

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)		451,754
28	402 Credit Balance transferred from Income Acct (p301)		73,519
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)	1,900	
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	523,373	
40	Totals	525,273	525,273

41 (Note) Explain below amounts entered as Other Deductions form Surplus or Miscellaneuous Credits:

42

43

44

45

*In case the Merchandising and Jobbing business shows a loss, the amount should appear in red.

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OPERATING REVENUES

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

Line No.	Class of Water Operating Revenue (a)	Amount of Revenue For Year (b)	Comparison with Revenue of Previous Year (c)
1	REVENUES FROM SALE OF WATER	282,493	8,496
2	501 Metered Sales to General Consumers	-	-
3	502 Flat-rate Sales to General Consumers	-	-
4	503 Sales to Other Water Companies	21,226	(93)
5	504 Municipal Hydrants	-	-
6	505 Miscellaneous Municipal Revenues	-	-
7	Total Revenues from Water Operations	303,719	8,403
8	MISCELLANEOUS REVENUES	-	-
9	506 Rent from Property Unused in Operation	3,923	3,848
10	507 Miscellaneous Operating Revenues	3,923	3,848
11	Total Revenues from Miscellaneous Operation	3,923	3,848
12	Total Operating Revenues	307,642	12,251

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	Common stock	9-12%		\$ 20,000	\$ 1,900	12/15/2016	12/15/2016
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24	TOTALS			TOTAL	\$ 1,900		

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OPERATING EXPENSES

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

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

Line No.	Account No.	Name of Operating Expense Account (a)	Amount of Operating Expense For Year (b)	Comparison with Previous Year (c)
1		Source of Water Supply Expenses		
2	601-1	Maintenance of Water Supply Buildings and Fixtures	-	-
3	601-2	Maintenance of Surface Source of Supply Facilities	-	-
4	601-3	Maintenance of Ground Source of Water Supply	694	(3,302)
5		Total Source of Water Supply Expenses	694	(3,302)
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	16,957	(4,914)
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	2,098	(6,617)
15	604-3	Maintenance of Miscellaneous Pumping Plant Equipment	-	-
16		Total Pumping Expenses	19,055	(11,531)
17		Purification Expenses		
18	605-1	Purification Labor	4,515	(3,058)
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	4,515	(3,058)
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	-	-
27	609-2	Maintenance of Trans and Dist Mains	17,771	(3,842)
28	609-3	Maintenance of Storage, Reservoirs, Tanks, and Standp	-	-
29	609-4	Maintenance of Services	-	-
30	609-5	Maintenance of Meters	1,195	836
31	609-6	Maintenance of Hydrants	8,526	(2,260)
32	609-7	Maintenance of Fountains and Troughs	-	-
33		Total Trans and Dist Expenses	27,492	(5,266)
34		General and Miscellaneous Expenses		
35	610-1	Salaries of General Officers and Clerks	2,100	750
36	610-2	General Office Supplies and Expenses	10,633	(317)
37	610-3	Outside Labor and Professional Fees	41,068	9,638
38	610-4	Insurance	4,961	114
39	610-5	Accidents and Damages	-	-
40	610-6	Store Expenses	-	-
41	610-7	Transportation Expenses	840	130
42	610-8	Inventory Adjustments	-	-
43	610-9	Maintenance of General Structure	-	-
44	610-10	Depreciation	54,810	1,505
45	610-11	Miscellaneous General Expenses	596	(6,543)
46		Total General and Miscellaneous Expenses	115,008	5,277
47		Grand Total Operating Expenses	166,764	(17,880)

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OPERATING EXPENSES

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

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

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

TAXES

Line No.	Kind of Tax	Federal	State	Municipal	Total
48	Real Estate			5,674	5,674
49	Personal Property			10,389	10,389
50	Other			-	-
51	Corp. Income Tax	20,590	8,185		28,775
52					-
53					-
54					-
55					-
56					-
57		20,590	8,185	16,063	44,838

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REAL ESTATE INFORMATION

1. Land owned by the Company.

	Location	Use
A.	East Mt. (Water Farm Rd) Sheffield, MA	Water Shed and Reservoir
B.	Brush Hill (Water Farm Rd) Sheffield, MA	Water Shed and Reservoir
C.	South Main St (Pike Rd) Sheffield, MA	Well and Pumping house
D.	Maple Avenue, Sheffield MA	Well and Pumping house
E.		
F.		
G.		
H.		
I.		
J.		

	Area	When Bought	Cost
A.	320 acres	1896	no record
B.	36 acres	1896	no record
C.	2 acres	1956	\$1,548
D.	27.8 acres	1992	\$53,453
E.			
F.			
G.			
H.			
I.			
J.			

2. Buildings owned by Company.

	Location	Use
A.	East Mt. (Water Farm Rd) Sheffield, MA	Covering over reservoir
B.	South Main Street (Pike Rd) Sheffield, MA	Pumphouse
C.	Water Farm Road (Brush Hill) Sheffield, MA	Pumphouse and covering over Reservoir
D.		
E.		
F.		
G.		
H.		
I.		
J.		

	Size	Material	When Built	Cost
A.	20X40	Wood	1996 (rebuilt)	\$1,000
B.	8X12	Concrete/brick	1957	\$5,500
C.	10X40	Wood	1957	\$4,213
D.				
E.				
F.				
G.				
H.				
I.				
J.				\$10,713

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.

Source of water are wholly owned

2 reservoirs, 4 springs, 2 wells

Sources are covered and wells protected

Water is tested regularly by approved laboratories for Department of Environmental Protection as required

2. Watersheds owned by the Company.

Location	Area	When Bought	Cost
A. East Mountain (Water Farm Rd.)	320 acres	1896	no record
B. Brush Hill (Water Farm Rd.)	36 acres	1896	no record
C. South Main Street (Pike Rd.)	2 acres	1956	\$1,548
D. Maple Avenue	28 acres	1992	\$53,453
Total			\$55,001

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.

Water rights were bought at the time of incorporation and transferred to the Corporation in 1915. They are on the books at \$500. In addition, \$175 was paid in 1956 for well options.

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. South Main Street (P)	8"	248'	Covered	1957	\$10,906
B. Maple Avenue	8"	311'	Covered	1992	\$87,168
C.					
D.					
E.					
F.				Total	\$98,074

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 Mountain (Water Farm Rd.)	30X40	not in use		
B. East Mountain (Water Farm Rd.)	20X40	not in use	1896	\$6,000
C. East Mountain (Water Farm Rd.)	20X40	30,000	1936	\$4,000
D. Water Farm Rd.		250,000	2012	\$616,272
E.				
F.			Total	626,272

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:

- A. Not in use
- B. Spring covered by wooden building, concrete sides, gravel bottom and screened windows - NOT IN USE
- C. Storage reservoir, wooden building, concrete sides and bottom, screened windows
- D. Water storage tank

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

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:

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.	Spring Water Farm Rd.	Turbine	GOULDS	1975	\$488
B.	Pike Rd. Well	Submersible	GOULDS	2007	\$9,664
C.	Maple Ave. Well	Submersible	GOULDS	2010	\$8,302
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.							50,000
B.							172,800
C.							129,600
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.	Pump at spring (Water Farm Rd)	General Motors		1975		\$145	
B.	Pump at well (Pike Rd)	Goulds		2007		in pump	
C.	Pump at well (Maple Ave)	Goulds		2010		in pump	
D.							
E.							
F.							
G.							
H.							
	A.C. or D.C.; If A.C., give Phase	Volts		Type of Drive		Rated H.P.	
A.							
B.							
C.							
D.							
E.							
F.							
G.							
H.							
Total Horsepower							
Note: Cost means the original cost of installation, not the book value.							

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PUMPING INFORMATION - Continued

9. WATER WHEELS AND TURBINES

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

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

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

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PUMPING INFORMATION - Continued

11. Station Log

Year and Month	Kwhrs. Used	Pounds of Coal Burned	Gallons of Water Pumped (MG)	Hours of Pumping	Average Total Static Head	Average Total Dynamic Head
January			3.89			
February			3.49			
March			3.45			
April			4.67			
May			3.40			
June			4.06			
July			5.70			
August			4.07			
September			5.25			
October			2.38			
November			3.82			
December			3.06			
TOTALS			47.24	-		

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

13. Average gallons pumped per day 129,425

14. Maximum gallons pumped in a day 205,810

15. Date of same 7/24/2016

16. Range of pressure in main _____ 40 _____ lbs. to _____ 70 _____ lbs.

17. Average pressure in mains _____ 60 _____ 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 Kw hr
- 25. Wood consumed during the year Cords
- 26. Gas consumed during the year M. Cubic Feet
- 27. Gasoline consumed during the year Gals
- 28. Fuel oil consumed during the year Gals
- 29. Electric power used during the year K.W. Hrs.

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DISTRIBUTION INFORMATION

1. Mains.

Nominal Diameter, Inches	Kind of Pipe*	Weight per Foot**	Lengths in Feet				In Use at Close of Year
			In Use at Beginning of Year	Taken Up Since	Abandoned But Not Taken Up	Laid Since	
1"	Galvanized		152				152
1 1/2"	Galvanized		-				-
1 3/4"	Galvanized		92				92
2"	Galvanized		244				244
2 1/8"	Galvanized		7,365				7,365
3"	Galvanized		-				-
4"	Iron		1,970				1,970
8"	Iron		9,500				9,500
1 1/2"	Copper		2,020				2,020
3/4"	Copper		1,459				1,459
1/2"	Copper		100				100
8"	Transite		6,100				6,100
6"	Transite		8,100				8,100
4"	Transite		3,925				3,925
6"	Ductile Iron		13,780				13,780
2"	PVC		2,679				2,679
6"	PVC		2,560				2,560
4"	Ductile Iron		19				19
	Totals		60,065	-	-	-	60,065

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

3. Number of leaks in mains, during the year

4. Number of leaks per mile

5. Length of mains less than 4 inches in diameter

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

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

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DISTRIBUTION INFORMATION - Continued

6. Water towers or stand pipes

	Location	Land		
		Area	When Bought	Cost
A.	Water Farm Rd.			
B.				
C.				
D.				
	Inside Diameter	Capacity In Gallons	When Built	Cost
A.		250,000	2012	
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
3/4"	Galvanized	150			150
3/4"	Copper	215			215
1/2"	Copper	101			101
2"	Galvanized	4			4
1"	Copper	4			4
4"	Transite	2			2
1"	Galvanized	1			1
6"	Ductile Iron	1			1
2"	Copper	2			2
1"	Plastic	1			1
1 1/4"	Plastic	1			1
Totals		482			482

8. Average length of service pipe

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

10. Percentage of services that are metered, 99%

11. Percentage in income that is metered, 99%

12. Leaks in service during the year,

13. Are service pipes paid for by consumers, in whole or in part and to what extent?

Yes, 100% by 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
8	Gate No.1	8			8
4	Gate No. 3	7			7
2	Check	2			2
6	Gate Hub & Open	5			5
2 1/2	Gate Hub & Open	2			2
6	Gate O.R.N.E.	15			15
2	Gate O.R.N.E.	17			17
1 1/2	Gate O.R.N.E.	2			2
1	Gate O.R.N.E.	1			1
	TOTALS	59	0	0	59

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
4	2	35			35
2-1/2	2	2			2
6	2	11			11
Totals		48	0	0	48

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 purchased and installed at the expense of the company?
 20. If not, under what arrangements were they purchased and installed?

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DISTRIBUTION INFORMATION - Continued

21. Meters owned by company*

Size, Inches	Number at Beginning of Year		Bought Since	Condemned Since and Removed	Number at Close of Year	
	In Use	On Hand**			In Use	On Hand**
1/2						
5/8	475	2	13	13	475	2
3/4	1	-			1	
1	17	-			17	
1 1/2	3	-			3	
2	5	-			5	
3						
4						
6						
Totals	501	2	13	13	501	2

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

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

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

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

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

DISTRIBUTION INFORMATION - Concluded

25. Meters owned by company as of December 31

Maker	Type	Size								
		1/2	5/8	3/4	1	1 1/2	2	3	4	6
Hershey			414	1	16	3	2			
Neptune			63		1		3			
	Totals		477	1	17	3	5			

CONSUMPTION INFORMATION

1. Estimated total population of territory covered by franchise	
2. Estimated population reached by the distributing system	
3. Estimated population actually supplied	1100
4. Total consumption during the year	31,882,563 gals.
5. Average daily consumption	87,349 gals.
6. Day on which the greatest amount was pumped	7/24/2016
7. Gallons pumped on above day	205,810
8. Week during which greatest amount was pumped	
9. Gallons pumped during above week	
10. Gallons per day per service	181
11. Consumption metered	31,882,563 gals.
12. Consumption metered,	99 percent of total consumption

13. CUSTOMERS

Number Being Supplied at Beginning of Year	Discontinued Since	Connected Since	Number Being Supplied at Close of Year
483			483
Name of City, Town, or District		Number of Customers as of December 31	
Sheffield, MA		483	
*480 metered customers, 3 fixed fee customers			

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CONSUMPTION INFORMATION - Concluded

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

14. Rates in Effect December 31, 2016

By meter

See attached.

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 \$104.98

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? No.

When are meters read and bills rendered? Meters are read at the end of each month.
Bills are rendered at the end of each quarter.

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THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Mary N. Bartholomew

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

METERED RATES
Applicable to all classes of service

Availability

Available to all users when quantities of water consumed is determined by meter. Subject to the rules and regulations of the Company.

Minimum Charges

Minimum charges with quantities of water allowed, without additional charges, will be made to each customer for each meter. Such charges and such allowances of water for each size meter are as follows:

Size of Meter in Inches	Quarterly Allowance in Gallons	Quarterly Base Charge
5/8 or 3/4	7,500	\$ 104.98
1	15,000	176.80
1 1/2	30,000	349.92
2	80,000	502.78

Volumetric Charges

The following shall be the rates at which water will be furnished for amounts in excess of the quarterly allowances listed above.

Per 1000 gallons per quarter or any part thereof:

		per 1000 gal
For the next	20,000	3.13
For the next	30,000	4.79
For the next	40,000	4.97
Over 90,000	90,000	5.16

FIXTURE RATES

Available for Domestic and Family users and Small Commercial Users.

The following rates apply to one family in any one dwelling. Where two or more families occupy the same dwelling and use the same fixtures, the rates apply to each such family.

First faucet installation in sink, washbowl, set-tub, or other faucet installation, per year	\$186.01
First tub/shower, per year	\$ 49.73
First toilet, per year	\$ 49.73
Each additional fixture, per year	\$ 38.68
Each hose connection, per year	\$ 114.18
Swimming Pool, in addition to a hose connection, per year	\$ 132.60
Farm; fixture rates to apply plus \$ 3.68 per head of horse, cattle or other farm animal.	

INSTALLATIONS

A faucet installation consists of an outlet of either cold or hot water, or both, in any one receptacle.

A bathtub installation consists of an outlet consisting of faucets or a shower of either hot or cold water, or both, in any one bathtub or like receptacle.

An automatic laundry machine is treated as an additional faucet installation.

A water softener is treated as an additional faucet installation.

An automatic dishwasher is treated as an additional faucet installation.

A toilet installation consists of cold water outlet controlled by a self-closing float valve with appropriate receptacle.

A swimming pool is either an above ground or in ground installation.

All such installations shall be deemed to be installed and subject to charge at the foregoing applicable rates unless both the water outlets and the receptacle drain of such installation are disconnected and plugged in a manner acceptable to the Company.

FIRE PROTECTION

Public hydrants now and hereafter installed or located by the Sheffield Water Company in the public streets and ways in the town of Sheffield:

Public hydrants, each	\$ 384.91 per year
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Private hydrants, installed at owner's expense, at contract rates.

PAYMENTS

Payment for unmetered services is to be made in advance for the quarter. Metered service will be billed in arrears.