

The Commonwealth of Massachusetts

2018

RETURN

OF THE

Housatonic Water Works

WATER COMPANY

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Year Ended December 31, 2018

Name of Officer to whom correspondence
should be addressed regarding this report, **James J. Mercer**

<i>Official title</i>	Treasurer	; Office address,	80 Maple Avenue - Suite 1 Great Barrington MA zip code 01230
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[illegible]

GENERAL INFORMATION

- | | | | |
|--|--|---------------------------|---------------|
| 1. Full corporate title company, | Housatonic Water Works Company | Telephone No. | 413-528-1780 |
| 2. Location of principal business office, | 80 Maple Avenue, Ste 1, Great Barrington, MA | | |
| 3. Date of organization, | June 7, 1898 | 4. Date of incorporation, | March 8, 1898 |
| 5. Whether incorporated under general or special law, | Special Law | | |
| 6. If under special law, give chapter and year of act, | 1897 - chapter 229 | | |
| 7. Give chapter and year of any subsequent special legislation affecting the Company | N/A | | |
8. Territory covered by charter rights, Village of Housatonic in the Town of Great Barrington and vicinity
9. Capital stock authorized by charter, \$ \$40,000
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, etc. and show the total amount paid to each for the year
- | | | | |
|---------------------------------|--------------------|----|--------|
| 1. Smith, Watson & Company, LLP | Accounting | \$ | 3,758 |
| 2. Martin & Olivera | Legal | \$ | 1,991 |
| 3. Guastella Associates LLC | Legal & Accounting | \$ | 4,975 |
| 4. Lenard Engineering | Engineering | \$ | 29,968 |
| 5. Bowditch & Dewey | Legal | \$ | 5,742 |
14. Date when Company first began to distribute and sell water
15. Total number of stockholders, 4
16. Number of stockholders resident in Massachusetts, 3
17. Amount of stock held in Massachusetts, number of shares, N/A amount, \$

Beginning Balance	Assets	Ending Balance	Net Change During Year
	Investments		
2,596,663	101 - 113 Plant Investment (p 202)	2,769,620	172,957
196,812	114 - 119 General Equipment (p 202)	197,388	576
108,763	201 Unfinished Construction (p 202)	30,150	(78,613)
	202 Miscellaneous Physical Property (p 203)		
62,952	203 Other Investments (p 203)	59,788	(3,164)
2,965,190	Total Investments	3,056,946	91,756
	Current Assets		
102,431	204 Cash	73,330	(29,101)
	205 Special Deposits		
679,205	206 Notes Receivable	777,634	98,429
124,703	207 Accounts Receivable	123,723	(980)
	208 Interest and Dividends Receivable		
70,888	209 Materials and Supplies	32,895	(37,993)
6,020	210 Other Current Assets	4,988	(1,032)
983,247	Total Current Assets	1,012,570	29,323
	Reserve Funds		
	211 Sinking Funds		
	212 Insurance and Other Funds		
-	Total Reserve Funds	-	-
	Prepaid Accounts		
1,936	213 Prepaid Insurance	2,580	644
	214 Prepaid Interest		
2,917	215 Other Prepayments	3,538	621
4,853	Total Prepaid Accounts	6,118	1,265
	Unadjusted Debits		
19,156	216 Unamortized Debt Discount Exp (p 203)	17,642	(1,514)
	217 Property Abandoned		
168,989	218 Other Unadjusted Debits (p 203)	187,556	18,567
188,145	Total Unadjusted Debits	205,198	17,053
4,141,435	Grand Total	4,280,832	139,397

Beginning Balance	Liabilities	Ending Balance	Net Change During Year
	Capital Stock		
40,000	301 Common Stock (p 204)	40,000	-
	302 Preferred Stock (p 204)		
	303 Employees' Stock (p 204)		
40,000	Total Capital Stock	40,000	-
	304 Premium on Capital Stock		
	Bonds, Coupon and Long Term Notes		
	305 Bonds (p 204)		
1,158,559	306 Coupon and Long Term Notes (p 204)	1,036,260	(122,299)
1,158,559	Total Bonds, Coupons and Long Term Notes	1,036,260	(122,299)
	Current Liabilities		
	307 Notes Payable (p 205)		
76,927	308 Accounts Payable	107,221	30,294
	309 Customers' Deposits		
	310 Matured Interest Unpaid		
	311 Dividends Declared		
	312 Other Current Liabilities		
76,927	Total Current Liabilities	107,221	30,294
	Accrued Liabilities		
-	313 Tax Liability	22,745	22,745
5,191	314 Interest Accrued	5,553	362
1,437,865	315 Other Accrued Liabilities	1,622,838	184,973
1,443,056	Total Accrued Liabilities	1,651,136	208,080
	Unadjusted Credits		
	316 Premium on Bonds (p 205)		-
373,422	317 Other Unadjusted Credits (p 205)	405,525	32,103
373,422	Total Unadjusted Debits	405,525	32,103
	Reserves		
	318 Insurance and Casualty Reserves		
1,077,150	319 Depreciation Reserve (p 206)	1,121,903	44,753
	320 Other Reserves		
1,077,150	Total Reserves	1,121,903	44,753
	Appropriated Surplus		
	321 Sinking Fund Reserves		
202,876	323 Contributions for Extensions	202,876	-
	324 Surplus Invested in Plant		
202,876	Total Appropriated Surplus	202,876	-
(230,555)	400 Profit and Loss Balance (p 301)	(284,089)	(53,534)
(27,679)	Total Corporate Surplus	(81,213)	(53,534)
4,141,435	Grand Total	4,280,832	139,397

Name of Account	Beginning Balance	Additions	Retirements	Adjustments	Ending Balance
Intangible Property					
Organization					
Misc Intangible Invest					
Total Intangible Property	-	-	-	-	-
Tangible Property					
Land	3,757				3,757
Structures	1,089,194				1,089,194
Pumping Plant Equipment	67,184				67,184
Misc Pumping Plant Equip					-
Purification System	152,869	31,702			184,571
Trans'n and Dist'n Mains	895,233	8,677		97,390	1,001,300
Services	34,200				34,200
Consumers' Meters	192,484	41,656	20,554		213,586
Consumers' Meter Installation	114,904	27,900	13,814		128,990
Hydrants	44,838				44,838
Fire Cist'ns, Basins, Fount'ns					-
Water Rights	2,000				2,000
Miscellaneous Expenditures					
Total Plant Investment	2,596,663	109,935	34,368	97,390	2,769,620
General Equipment					
Office Equipment	25,027				25,027
Shop Equipment					-
Stores Equipment					-
Transportation Equipment	89,994				89,994
Laboratory Equipment					-
Miscellaneous Equipment	81,791	576			82,367
Total General Equip	196,812	576	-	-	197,388
Unfinished Construction	108,763	18,777		(97,390)	30,150
Total Cost of All Property	2,793,475	129,288	34,368	-	2,997,158
Assessed Value of Real Estate					440,000
Assessed Value of Other Property					864,000
Total Assessed Value					1,304,000

	<u>Additions</u>	<u>Retirements</u>	<u>Adjustments</u>
<u>Purification System</u>			
3 Stenner Pumps	2,175		
3 Master Meter Analyzers	17,783		
SCADA System Improvements	11,744		
<u>Trans'n and Dist'n Mains</u>			
T&D Mains - Long Pond Rd	8,677		97,390
<u>Consumers' Meters</u>			
164 Meters Replaced	41,656	20,554	
<u>Consumers' Meter Installation</u>			
164 Meters Replaced	27,900	13,814	
<u>Miscellaneous Equipment</u>			
Chainsaw	576		
<u>Unfinished Construction</u>			
Corrosion Control Project	18,777		
T&D Mains - Long Pond Rd			(97,390)
	<u>129,288</u>	<u>34,368</u>	<u>-</u>

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 AT END OF YEAR.	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		Amount		
6	CoBank Participation Certificate	\$ 59,788	\$ 7,649		\$ 7,649
7					
8					
9				TOTAL	\$ 7,649

UNAMORTIZED DEBT DISCOUNT AND EXPENSE					
account represents only the expense incurred in connection with the issue, the word "Discount" should be erased. Entries in Col. (d) should be consistent with the returns made on page 301, Schedules of Income and Profit and Loss.					
	NAME OF SECURITY	Unextinguished Discount at Beg. Of Year	Discount on Bonds Issued During Year	Discount Written Off During Year	Unextinguished Discount at Close of Year
10	Mortgage Costs - CoBank 1996	\$ 2,779	\$ -	\$ 695	\$ 2,084
11	Mortgage Costs - CoBank 2017	16,377	-	819	15,558
12					
13					
14					
15	Totals	\$ 19,156	\$ -	\$ 1,514	\$ 17,642

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.					
	DESCRIPTION AND CHARACTER OF UNADJUSTED DEBITS	Balance at Beginning of Year (b)	Amount Added During Year (c)	Amount written off During Year (d)	Balance at Close of Year (e)
16	Rate Case Expense Phase I	\$ 121,450	\$ -	\$ 17,773	\$ 103,677
17	Rate Case Expense Phase II	8,214	32,278	-	40,492
18	Regulator Assets Amort CIAC	39,325	4,062		43,387
19					
20					
21					
	Totals	\$ 168,989	\$ 36,340	\$ 17,773	\$ 187,556

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 Col. (d) show only the amount authorized by the regulatory body.

Line. No.	DESCRIPTION (a)	Number of Shares Authorized (b)	Per Value of One Share (c)	Amount of Capital Stock Authorized (d)	Amount Actual Outstanding at End of Year (e)	Total Premium at End of Year (f)
1	Capital Stock: Common,	400	\$ 100	\$ 40,000	\$ 40,000	
2	Preferred,					
3	Premium,					
4	Treasury Stock					
5	TOTALS			\$ 40,000	\$ 40,000	\$ -

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).

	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		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	CoBank Infrastructure	12/23/1996	12/20/2021	1,340,000	312,723	various		30,122	34,374
13	CIT Financing LLC	8/11/2014	8/11/2019	5,828	676	7.50%		213	122
14	Ford Credit Financing	7/28/2016	7/28/2021	33,324	18,519	6.39%		1,359	1,633
15	Ford Credit Financing	3/31/2017	3/31/2022	33,680	22,453	0.00%		-	-
16	CoBank Infrastructure	7/27/2017	1/20/2038	700,000	681,889	5.45%		37,380	36,064
17	Total Coupon & Long Term Notes			2,112,832	1,036,260			69,074	72,193
18	GRAND TOTAL						Totals	69,074	72,193

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 Col (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)	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 Col. (a) and indicate the character, in Col. (b) of the several subaccounts which 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	Deferred Corporate Taxes		\$ 354,760
14	Unearned Income		7,378
15	Amortized CIAC		43,387
16			
17			
18		TOTAL	\$ 405,525

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.

a.	Amount b.
Balance at beginning of year	\$ 1,077,150
Credits to Depreciation Reserve during year:	
Acct 610-10 Depreciation	76,353
Other accounts (Specify)	
Total Credits During Year	76,353
Net charges for Plant Retired:	
Book Cost of Plant Retired	34,368
Cost of Removal	-
Salvage (Credit) - unrecovered book cost	(2,768)
Total charges during year	31,600
Balance December 31,	1,121,903

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.

Plant and equipment depreciated at rate of 2%.

Office and shop equipment depreciated at rate of 5 - 20%.

Meters depreciated at rate of 5%.

Depreciation taken for federal income tax purposes = \$202,305

Amortization of Contributions at 2% 4,062

Depreciation included in expense 76,353

Total of Depreciation and Amortization of Plant
in Service 80,415

Account Number	Item	Amount	Net Change
	Operating Income		
500	Operating Revenues (p 302)	645,314	6,185
600	Operating Expenses (p 302-303)	574,678	115,936
	Net Operating Revenues	70,636	(109,751)
550	Uncollectible Operating Revenues	-	-
551	Taxes (p 303a)	70,270	(70,861)
	Net Operating Income	366	(38,890)
	Non-Operating Income		
560	Mdse. And Jobbing Revenue		
561	Rent from Appliances		
562	Miscellaneous Rent Income		
563	Interest and Dividend Income	15,662	9,297
564	Inc. from Sink. And Other Res. Funds		
565	Amortization of Premium on Bonds		
566	Miscellaneous Non-operating Income	4,890	(4,226)
	Total Non-operating Income	20,552	5,071
	Total Gross Income	20,918	(33,819)
	Deductions From Gross Income		
575	Miscellaneous Rents		
576	Interest on Bonds and Coupon Notes	72,938	23,107
577	Miscellaneous Interest Deductions	-	-
578	Amortization of Discount (p 203)	1,514	410
579	Miscellaneous Deductions from Income	-	-
	Total Deductions from Gross Income	74,452	23,517
	Income Balance Transferred to Profit and Loss	(53,534)	(57,336)

Profit and Loss Statement

Account Number	Item	Debits	Credits
	Credits		
401	Credit Balance at Beg of Fiscal Period (p 201)		(230,555)
402	Credit Balance transferred from Income Acct (p301)		
403	Miscellaneous Credits (note)		
	Debits		
411	Debit Balance at Beg of Fiscal Period (p 201)		
412	Debit Balance transferred from Income Acct (p 301)	53,534	
413	Surplus applied to Sinking Fund and Other Reserves		
414	Dividend Appropriations of Surplus (p 302)		
415	Appropriations of Surplus for Depreciation (p 204)		
416	Disen't on Bonds (p 203)		
417	Other Deductions from Surplus (note)		
418	Appropriations of Surplus for Construction		
	Balance Carried Forward to Balance Sheet	(284,089)	
	Totals	(230,555)	(230,555)

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

Acct No	CLASS OF WATER OPERATING REVENUE a.	Amt of Rev for Year b.	Net Change c.
	Revenues From Sale of Water		
501	Metered Sales to General consumers	\$ 556,781	\$ 4,752
502	Flat-rate Sales to General Consumers	42,518	60
503	Sales to Other Water Companies		
504	Municipal Hydrants	46,015	1,373
505	Miscellaneous municipal Revenues		
	Total Revenues from Water Operations	645,314	6,185
	Miscellaneous Revenues		
506	Rent from Property used in Operations		
507	Miscellaneous Operating Revenues	-	-
	Total Revenues from Miscellaneous Operation	-	-
	Total Operating Revenues	645,314	6,185

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.

Name of Security on which dividend was declared	Rate per Cent		Amount of Capital Stock on which dividend was declared.	Amount of Dividend	Date	
	Regular	Extra			declared	payable

Account Number	Name of Expense Account	Amount	Net Change
	Source of Water Supply Expenses		
601-1	Maintenance of Water Supply Bldgs & Fixtures	2,733	1,608
601-2	Maintenance of Surface Source of Supply Facilities	2,733	1,033
601-3	Maintenance of Ground Source of Water Supply		
	Total Source of Water Supply Expenses	5,466	2,641
602	Water Purchased for Resale		
	Pumping Expenses		
603-1	Pumping Labor	17,748	517
603-2	Boiler Fuel		
603-3	Water for Steam		
603-4	Electric Power Purchased	15,278	1,240
603-5	Misc Pumping Station Supplies and Exps	-	-
604-1	Maint of Power Pumping Bldg & Fixtures		
604-2	Maint of Pumping Equipment	4,280	3,648
604-3	Maint of Misc Pumping Plant Equipment		
	Total Pumping Expenses	37,306	5,405
	Purification Expenses		
605-1	Purification Labor	20,482	3,251
605-2	Purification Supplies and Expenses	39,375	11,765
606-1	Maintenance of Purification Bldgs & Fixtures	9,214	2,089
606-2	Maintenance of Purification Equipment		
	Total Purification Expenses	69,071	17,105
	Transmission and Distribution Expenses		
607	Inspecting Customers' Installations		
608	Misc Trans and Dist Supplies and Expenses		
609-1	Maint of Trans and Dist Buildings & Expenses		
609-2	Maint of Trans and Dist Mains	15,246	13,608
609-3	Maint of Storage, Reservoirs, Tanks and Standpipes	-	-
609-4	Maint of Services		
609-5	Maint of Meters	-	-
609-6	Maint of Hydrants	4,240	4,240
609-7	Maint of Fountains and Troughs		
	Total Trans and Dist Expenses	19,486	17,848
	General and Miscellaneous Expenses		
610-1	Salaries of General Officers and Clerks	185,717	68,688
610-2	General Office Supplies and Expenses	67,642	2,938
610-3	Law Expenses (and other professional services)	11,463	3,755
610-4	Insurance	51,548	(17,881)
610-5	Accidents and Damages		
610-6	Store Expenses		
610-7	Transportation Expenses	13,879	6,376
610-8	Inventory Adjustments	-	(11,328)
610-9	Maint of General Structure		
610-10	Depreciation	76,353	14,570
610-11	Miscellaneous General Expenses	36,747	5,819
	Total General and Miscellaneous Expenses	443,349	72,937
	Grand Total Operating Expenses	574,678	115,936

OPERATING EXPENSES

(For companies having average operating revenues not exceeding \$15,000.00)

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	Amount of operating expenses for year	Comparison with prior year
25	601	Maintenance of Source Water Supply		
26	602	Water Purchased for Resale		
27	603	Pumping Labor		
28	604	Maint of pumping Plant		
29	605	Purification Labor, supplies & exps		
30	606	Maint of Purification Bldg & Equip		
31	607	Inspecting Customers' Installations		
32	608	Misc Trans and Dist Supplies & Exp		
33	609	Maint of Trans and Dist System		
34	610-10	Depreciation		
35	610-1-11	General and Miscellaneous Expenses		
36				
37		TOTAL OPERATING EXPENSES		

TAXES

Kind of Tax	Federal	State	Municipal	Total	
Personal Property			11,281	11,281	
Real Estate			6,204	6,204	
Other		578		578	
FICA/Medicare	317			317	
FUTA	20			20	
SUTA		41		41	
Deferred Income Tax	25,292	2,749		28,041	
Income Tax	11,544	12,244		23,788	
Totals	37,173	15,612	17,485	70,270	

REAL ESTATE INFORMATION				
1. Land owned by the Company.				
	Location		Use	
A.	Great Barrington east side Long Pond Water Shed		Shore of reservoir	
B.	Great Barrington east side Long Pond Water Shed		Shore of reservoir	
C.	Great Barrington south side Long Pond		Filter site shore of reservoir	
D.	Stockbridge High Street		Site of reservoir water supply tank	
E.	Great Barrington south side Long Pond Water Shed		Shore of reservoir	
F.	Great Barrington Prospect Street		Site of Prospect St. pumping station	
G.				
H.				
I.				
J.				
	Area	When Bought	Cost	
A.	40 acres	1923-24	23	
B.	17.5 acres	1922	1,725	
C.	1.3 acres	April 1939	226	
D.	1 acre	January 1946	500	
E.	1 lot	December 1951	643	
F.	1 acre	1960	50	
G.	5 acres	1976	600	
H.				
I.				
J.			3,767	
2. Buildings owned by Company.				
	Location		Use	
A.	Great Barrington south side Long Pond		Valve house slow sand filter	
B.	Great Barrington south side Long Pond		CT basin & storage tank	
C.				
D.				
E.				
F.				
G.				
H.				
I.				
J.				
	Size	Material	When Built	Cost
A.	1/10 acre	Concrete	1939	not separate
B.	1.0 mg	Concrete	1997	948,862
C.				
D.				
E.				
F.				
G.				
H.				
I.				
J.				948,862

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 Long Pond, Great Barrington, MA. It is a natural lake of about 119 acres situated approximately 3 miles from Housatonic. The water shed is largely wooded with inhabitants, the nearest being 200 feet from the lake. Sanitary conditions are approved by the MA Board of Health. Water is filtered by a slow sand filtration system with a bypass valve for exception use during fires.

2. Watersheds owned by the Company.

Location	Area	When Bought	Cost*
A. Baker Farm	0.4 acres	1923-24	23
B. Tobey Lot	17.5 acres	1922	1,725
C. Shalley Lot	10.0 acres	1946	500
D. Barbieri Lot	1.0 acre	1960	50
			2,298

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

Water supply rights on Long Pond for which deeds were obtained from abutting owners of right of flow. Right of way to lake of all abutting lands for company purposes. Deeds for 3 lots of land for filter with additional right of way over Dewey's land for which \$226 was paid.

*By cost is meant the original cost of Installation, not the Book Value.

SUPPLY INFORMATION - Continued						
4. Wells						
Location	Inside Dimensions	Depth Below High Water	Covered or Uncovered	When Built	Cost*	
A.						
B.						
C.						
D.						
E.						
5. Give a full and complete description of the wells:						
6. Reservoirs						
Location	Area at Surface When Full	Full Capacity in	When Built	Cost*		
A. Long Pond	103 acres	200,000 estimated	no record			
B.						
C.						
D.						
E.						
					-	
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:						
Originally a natrua lake shore largely grubbed. Earth dam 8 feet wide, 250 feet long, and 12 feet align to channel. The spillway has been reconstruced to conform to the requirements of the County engineer.						
*By cost is meant 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:

Gravity systems used. Booster pumping station installed on Prospect Street in 1976-77 services 21 families.

Booster pump installed at Long Pond filter house in July 1984.

2. BOILERS

This schedule not presently used.

3. CHIMNEYS

This schedule not presently used.

4. PUMPING ENGINES, STEAM-ACTUATED This schedule not presently used.

5. PUMPS, DRIVEN BY CONNECTED POWER

LOCATION				TYPE	NAME OF BUILDER	WHEN INSTALLE	COST
A.	Valve, house filter Valve, house filter Valve, house filter New Prospect St Vault New Prospect St Vault			2" Cent	FBRK/Mrse	Sep-40	72
B.				2.5" Cent	FBRK/Mrse	Aug-42	245
C.				1/2 x 1/2	DMC	Jun-53	166
D.				Cent	Paco	Jun-77	4,050
E.				Cent	Paco	Jul-84	17,233
F.							
G.							
H.							
I.							
J.							
	NUMBER OF CYLS	OR DOUBLE ACTING	STROKES PER MINUTE	LENGTH OF STROKE	DIAM OF PISTONS OR PLUNGERS	HOW DRIVEN	DISPLACEMENT PER 24 HOURS
A.		Single	1600			1/2 HP Mre	500,000 gallons
B.		Single	1200			Mtr.	
C.		Single	1600			Gas eng	500,000 gallons
D.						5 HP mtr	115,200
E.						1/2 HP Mtr	28,800
F.							
G.							
H.							
I.							
J.							

PUMPING INFORMATION - Continued

6. Gas producers

This schedule 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		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.				

*By cost is meant the original cost of Installation, not the Book Value.

9. WATER WHEELS AND TURBINES

	TYPE OF MACHINE	DIAM. 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:

PUMPING INFORMATION - Continued

11. Station Log

Year and Month	Kwhrs. Used	Pounds of Coal Burned	Gallons of Water Pumped (in millions)		Hours of Pumping		Average Total Static Head	Average Total Dynamic Head
January	6,100							
February	6,300							
March	7,500							
April	7,000							
May	6,800							
June	4,900							
July	4,800							
August	6,600							
September	5,600							
October	5,400							
November	5,200							
December	6,200							
TOTALS	72,400							

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

13. Average gallons pumped per day -

14. Maximum gallons pumped in a day

15. Date of same

16. Range of pressure in main

17. Average pressure in mains

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 M. 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,	72,400	K.W. Hrs.

DISTRIBUTION INFORMATION							
1. Mains.							
Nominal Diameter, Inches	Kind of Pipe	Weight per Foot	LENGTHS IN FEET				
			In Use at Beginning of Year	Taken up Since	Abandoned But Not Taken Up	Laid Since	In Use at Close of Year
14	Cast Iron		125				125
12	Cast Iron		2,046				2,046
10	Cast Iron		4,323				4,323
8	Cast Iron		29,182				29,182
6	Cast Iron		8,464				8,464
4	Cast Iron		16,596				16,596
2	Cast Iron		3,761				3,761
2	Steel		579				579
1.5	Steel		69				69
1	Steel		587				587
2	Galvanized Iron		357				357
2.5	Galvanized Iron		450				450
1.5	Galvanized Iron		200				200
0.75	Galvanized Iron		84				84
6	Transite		4,205				4,205
8	Transite		347				347
8	Ductile Iron		10,213				10,213
6	Ductile Iron		1,609			802	2,411
12	Ductile Iron		3,904				3,904
2	CTS Poly		918				918
1	CTS Poly		266				266
Totals			88,285	-	-	802	89,087

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,

miles

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 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
0.75	Galv Iron	775			775
8	Galv Iron	1			1
1.5	Galv Iron	4			4
1.25	Galv Iron	2			2
4	Galv Iron	1			1
1	Galv Iron	1			1
0.75	Copper	69			69
1	Copper	2			2
	Duct Iron	1			1
Totals		856			

8. Average length of service pipe

75 feet

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

10. Percentage of services that are metered,

99%

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?

Services are fully paid for by consumers

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
14		1			1
12		11			11
10		1			1
1		43			43
6		42			42
4		27			27
2.5		1			1
2		28			28
1		59			59
1.5		3			3
1.25		2			2
0.75		1014			1014
8		11			11
TOTALS		1243		0	1243
The above list should include all valves that are installed in the mains, whether they are gate valves, blow-offs, check valves or otherwise.					

DISTRIBUTION INFORMATION - Continued

21. Meters owned by Company*

Size Inches	NUMBER AT BEGINNING OF		Bought Since	Condemned Since and Removed	NUMBER AT CLOSE OF YEAR	
	In Use	On Hand			In Use	On Hand
1/2					-	
5/8					-	-
3/4	787	225		(164)	787	61
1	3				3	-
1 1/2	5				5	-
2	2				2	-
3						
4						
6						
TOTALS	797	225	-	(164)	797	61

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.

DISTRIBUTION INFORMATION - Concluded											
25. Meters owned by Company, as of December 31, 2018											
Maker	Type	SIZE									
		1/2	5/8	3/4	1	1 1/2	2	3	4	6	
Altrator					1	5					
Model 25				31							
Badger				817	2		2				
TOTALS			0	848	3	5	2				

CONSUMPTION INFORMATION

1. Estimated total population of territory covered by franchise,
2. Estimated population reached by the distributing system,
3. Estimated population actually supplied,
4. Total consumption during the year
5. Average daily consumption
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,
11. Consumption metered,
12. Consumption metered,

13. CUSTOMERS

Number being supplied at Beginning of Year	Disconnected Since	Connected Since	Number being Supplied at Close of Year
848	0	2	850
Name of City, Town or District		Number of Customers as of December 31, 2018	
Housatonic		753	
Stockbridge		23	
West Stockbridge		66	
Vacancies		10	

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, 2018

By meter,

Per faucet, per year,

Per hose connection, per year,

Per bath tub, per year,

Per shower bath, per year,

Per foot tub, per year,

Per wash tub, per year,

Per urinal, per year,

Per water closet, per year,

Per sink, per year,

Per bowl, per year,

Per private hydrant, per year,

For sprinkler systems,

For water motors,

Per drinking fountain, per year,

Per public hydrant, per year,

For watering troughs,

Minimum charge,

Give any contract 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?

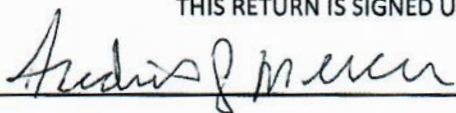
When are meters read and bills rendered?

Annual report of

Housatonic Water Works Company

Year ended December 31, 2018

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

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