

The Commonwealth of Massachusetts

Filing Fee of \$5.00 Required

ANNUAL

RETURN

OF THE

WHITINSVILLE

WATER COMPANY

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Year Ended December 31, 2015

Name of Officer to whom correspondence
should be addressed regarding this report, Joseph R. Swigor

Official title: Manager; Office address: 44 Lake Street

Whitinsville zip code 01588

GENERAL INFORMATION

1. Full corporate title company, Whitinsville Water Company Telephone No 508-234-7358
2. Location of principal business office, 44 Lake Street, Whitinsville, MA 01588
3. Date of organization, 10/21/52 4. Date of incorporation, 1/2/52
5. Whether incorporated under general or special law, General 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, _____
8. Territory covered by charter rights, As shown on a map of the town of Northbridge filed with the Department of Public Utilities
9. Capital stock authorized by charter, \$300,000
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, _____
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.
January 2, 1954 - 3,000 shares of \$100.00 common stock was issued by the Whitinsville Water Company - none issued during last fiscal year.
13. Management Fees and Expenses during the Year \$12,000.00
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
14. Date when Company first began to distribute and sell water, 1/2/54
15. Total number of stockholders, six (6)
16. Number of stockholders resident in Massachusetts, four (4)
17. Amount of stock held in Massachusetts, number of shares, 3,000 amount, \$300,000.00

COMPARATIVE GENERAL BALANCE SHEET

The entries in this balance sheet should be consistent with those in the supporting schedules on the pages indicated. All credit items hereunder should be in red ink.

Line No.	Balance at Beginning of Year (a)	Assets (b)	Balance at Close of year (c)	Net Change During Year Increase, (Decrease). (d)
1	\$*****	INVESTMENTS	\$*****	\$*****
2	17,300,993	101 - 113 Plant Investment (p.202)	17,792,810	491,817
3	1,954,655	114 - 119 General Equipment (p.202)	2,055,741	101,086
4	10,473	201 Unfinished Construction (p.202)	325481	315,008
5	0	202 Miscellaneous Physical Property (p.203)	0	-
6	0	203 Other Investments (p.203)	0	-
7	19,266,122	Total Investments	20,174,033	907,911
8	\$*****	CURRENT ASSETS	\$*****	\$*****
9	3,536,665	204 Cash	3,563,250	26,586
10		205 Special Deposits		-
11	0	206 Notes Receivable	0	-
12	488,676	207 Accounts Receivable	342,968	(145,708)
13		208 Interest and Dividends Receivable	0	-
14	141,717	209 Materials and Supplies	384,295	242,578
15		210 Other Current Assets	0	-
16	4,167,058	Total Current Assets	4,290,514	123,456
17	\$*****	RESERVE FUNDS	\$*****	\$*****
18		211 Sinking Funds	0	
19		212 Insurance and Other Funds	0	
20	0	Total Reserve Funds	0	0
21	\$*****	PREPAID ACCOUNTS	\$*****	\$*****
22		213 Prepaid Insurance	11718.66	(11,719)
23		214 Prepaid Interest	0	0
24	4997	215 Other Prepayments	1000	(3,997)
25	4997	Total Prepaid Accounts	12719	(15,715)
26	\$*****	UNADJUSTED DEBITS	\$*****	\$*****
27		216 Unamortized Dept Discount Exp. (p.203)	0	0
28		217 Property Abandoned	0	0
29	85,574	218 Other Unadjusted Debits (p.203)	67,715	(17,859)
30	85,574	Total Unadjusted Debts	67,715	(17,859)
31				
32	23,523,751	GRAND TOTAL	24,544,980	997,792

COMPARATIVE GENERAL BALANCE SHEET				
The entries in this balance sheet should be consistent with those in the supporting schedules on the pages indicated. All credit items hereunder should be in red ink.				
Line No.	Balance at Beginning of Year (a)	Assets (b)	Balance at Close of year (c)	Net Change During Year (Decrease), Increase, (d)
1	\$*****	CAPITAL STOCK	\$*****	\$*****
2	300,000	301 Common Stock (p.204)	300,000	-
3		302 Preferred A Stock (p.204)		-
4		303 Preferred B Stock (p.204)		-
5				-
6	300,000	Total Capital Stock	300,000	-
7				
8		304 Premium on Capital Stock		
9				
10	\$*****	BONDS, COUPON AND LONG TERM NOTES	\$*****	\$*****
11	0	305 Bonds (p.204)	0	0
12	0	306 Coupon and Long Term Notes (p.204)		0
13				
14	0	Total Bonds, Coupon and Long Term Notes	0	0
15	\$*****	CURRENT LIABILITIES	\$*****	\$*****
16	3,814,550	307 Notes Payable (p.205)	4,306,362	491,812
17	13,671	308 Accounts Payable	94,721	81,050
18		309 Consumers' Deposits		0
19		310 Matured Interest Unpaid		0
20		311 Dividends Declared		0
21		312 Other Current Liabilities		0
22	3,828,221	Total Current Liabilities	4,401,084	572,862
23	\$*****	ACCRUED LIABILITIES	\$*****	\$*****
24	922,472	313 Tax Liability	1,011,177	88,705
25		314 Interest Accrued		0
26	295,736	315 Other Accrued Liabilities	278,796	(16,941)
27	1,218,209	Total Accrued Liabilities	1,289,973	71,764
28	\$*****	UNADJUSTED CREDITS	\$*****	\$*****
29	0	316 Premium on Bonds (p.205)	-	0
30	0	317 Other Unadjusted Credits (p.205)	-	0
31	0	Total Unadjusted Credits	-	0
32	\$*****	RESERVES	\$*****	\$*****
33		318 Insurance and Casualty Reserve	-	0
34	5,245,637	319 Depreciation Reserve (p.206)	6,341,609	1,095,972
35	3,000	320 Other Reserves	3,000	0
36	5,248,637	Total Reserves	6,344,609	1,095,972
37	\$*****	APPROPRIATED SURPLUS	\$*****	\$*****
38	3,600	321 Sinking Funds Reserves	3,600	0
39	2,899,955	323 Contributions for Extensions	2,916,154	16,199
40		324 Surplus Invested in Plant	-	0
41	2,903,555	Total Appropriated Surplus	2,919,754	16,199
42	8,181,425	400 Profit and Loss Balance (p.301)	8,601,725	420,300
43	11,084,980	Total Corporate Surplus	11,521,479	436,499
44				
45	21,680,047	GRAND TOTAL	23,857,144	2,177,098

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. Col. (e), "Adjustments made during the year," should be interpreted to mean modifications of entries made in prior accounting periods. When any adjusting entry is made in Col. (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 Col. (e) in red and the amounts debited should appear in Col. (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						
5	TANGIBLE PROPERTY					
6	Land	518,111				518,111
7	Structures	7,675,118	36,994			7,712,112
8	Pumping Plant Equipment	3,213,787	12,619			3,226,406
9	Misc. Pumping Plant Equip	82,970				82,970
10	Purification System	131,272	1,995			133,268
11	Trans'n and Dist'n Mains	4,601,394	415,512			5,016,905
12	Services	315,832	4,894			320,726
13	Consumers' Meters	397,522	2,239			399,761
14	Consumers Meter Installation	29,179				29,179
15	Hydrants	318,437	17,565			336,002
16	Fire Cist'ns, Basins, Fount'ns	17,370				17,370
17	Water Rights					0
18	Miscellaneous Expenditures					0
19	Total Plan Investment	17,300,993	491,818			17,792,810
20	GENERAL EQUIPMENT					
21	Office Equipment	420,235	1,479			421,714
22	Shop Equipment	30,934	0			30,934
23	Stores Equipment	19,913	8,550			28,463
24	Transportation Equipment	1,001,461	43,320			1,044,781
25	Laboratory Equipment					
26	Miscellaneous Equipment	482,112	47,737			529,849
27	Total General Equipment	1,954,655	101,086	0		2,055,741
28	Unfinished Construction	10,473	315,008			325,481
29	Total Cost of All Property	19,266,122	907,911	0		20,174,033
30	Assessed Value of Real Estate					
31	Assessed Value of Other Property					
32	Total Assessed Value	19,266,122	907,911	0		20,174,033

Miscellaneous Physical Property

Give particulars of all investments of the respondent in physical property no devoted to utility operations

Line No.	DESCRIPTION AND LOCATION OF MISCELLANEOUS PHYSICAL PROPERTY HELD AT 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

Line No.	DESCRIPTION OF SECURITY HELD BY RESPONDENT (a)	Amount (b)
6		
7		
8		
9	TOTALS	

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. Entries in Col (d) should be consistant with the returns made on page 301, Schedules of Income and Profit and Loss.

Line No.	NAME OF SECURITY (a)	Unextinguish ed Discount at Beginning of Year. (b)	Discount on Bonds, Et., 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 of 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	218-R Deferred Rate Case Costs	83,424		0	83,424
17	218-9Z Accumulated Amortization - Rate Case	-54,577		11,918	-66,495
18	219-1 -Amortization Loan Closing Costs	46,528		0	46,528
19	219-2-Accum Amort. Closing Costs-Mortgage	-10,055		4,667	-14,722
20	219-3-Deferred Financing-Const Period Interest	46,739		0	46,739
21	219-4-Accum Amort-Const Period Interest	-26,485		1,273	-27,759
22	TOTALS	85,574	0	17,859	67,715

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	Amount (f)
1	Peoples Bank	11/9/2012	11/9/2022	Collateral	3.74%	\$3,600,650
2	Peoples Bank	12/24/2013	12/24/2023	Collateral	4.82%	\$705,712
3						
4						
5						
6						
7						
8						
						\$4,306,362

PREMIUM ON BONDS

Give an analysis of the respondent's accounts covering premium on bonds or other evidence 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)	Premium of 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			
14			
15			
16			
17			
18			
TOTALS			\$0

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	Beginning Balance 12/31/14	5,692,964
2		
3		
4		
5		
6	TOTAL CREDITS DURING YEAR	648,645
7	TOTAL DEBITS DURING YEAR (ASSET DISPOSITION)	
8		
9		
10		
11		
12	NET CHARGES DURING YEAR	648,645
13	Balance December 31, 2015	6,341,609

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	Consumer Meters 50	Misc. Equipment 10	Service Pipes 50
15	Consumer Meters Installed 30	Office Equipment 10	Shop Equipment 20
16	Fire Cistern 20	Pumping Plant Equipment 20,50	Store Equipment 10
17	Hydrants 50	Purification systems 20	Structure 50
18	Trans + Dist. Mains 50	Trans Equipment 5	CIAC 50
19	Federal Tax Depreciation for the year ended 12/31/15= \$648645.		

NOTE:

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.	Acct No.	ITEM (a)	Amount (b)	Comparison with Previous Year Increase, (Decrease) (c)
1		OPERATING INCOME	*****	*****
2	500	Operating Revenues (p.302)	\$3,124,351	\$85,040
3	600	Operating Expenses (pp. 302-303)	\$1,922,962	\$138,021
4		Net Operating Revenue	\$1,201,389	(\$52,981)
5	550	Uncollectible Operating Revenues	\$0	\$0
6	551	Taxes (p.303A)	\$831,937	\$147,941
7		Net Operating Income	\$369,452	(\$200,922)
8		NON-OPERATING INCOME	*****	*****
9	560	Merchandising and Jobbing Revenue	\$224,781	(\$41,610)
10	561	Rent from Appliances	\$0	\$0
11	562	Miscellaneous Rent Income	\$0	\$0
12	563	Interest and Dividend Income	\$5,742	(\$181)
13	564	Inc. from Sink. And Other Res. Funds	\$0	\$0
14	565	Amortization of Premium on Bonds (p.204)	\$0	\$0
15	566	Miscellaneous Non-operating Income	\$35,129	\$10,835
16		Total Non-operating Income	\$265,652	(\$30,955)
17		GROSS INCOME	\$635,104	(\$231,877)
18		DEDUCTIONS FROM GROSS INCOME	*****	*****
19	575	Miscellaneous Rents	\$0	\$0
20	576	Interest on Bonds and Coupon Notes	\$0	\$0
21	577	Miscellaneous Interest Deductions	\$176,454	(\$10,021)
22	578	Amortization of Discount (p.203)	\$14,350	(\$6,898)
23	579	Miscellaneous Deductions from Income	\$0	\$0
24		Total Deductions from Gross Income	\$190,804	(\$16,919)
25		Income Balance transferred to Profit and Loss	\$444,300	(\$214,958)

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.

Acct No.	ITEM (a)	Debits (b)	Credits (c)
26	CREDITS	*****	*****
27	401 Credit Balance at Beginning of Fiscal Period (p.201)	*****	\$8,181,425
28	402 Credit Balance transferred from Income Acct (p.301)	*****	\$444,300
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)	\$24,000	*****
35	415 Appropriations of Surplus for Depreciation (p.204)	*****	*****
36	416 Disc't on Bonds Exting'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		\$8,601,725
40	TOTALS		

(Note) Explain below amounts entered as Other Deductions from Surplus or Miscellaneous Credits:

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

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	Account Number	Class of Water Operating Revenue (a)	Amount of Revenue for Year (b)	Comparison with Revenue of Previous Year (Increase, Decrease) (c)
1		REVENUES FROM SALE OF WATER	\$*****	\$*****
2	501	Metered Sales to General Consumers	1,118,554	67,449
3	502	Flat-rate Sales to General Consumers	458,959	(476)
4	503	Sales to Other Water Companies	869,756	16,114
5	504	Municipal Hydrants	671,717	5,874
6	505	Miscellaneous Municipal Revenues	-	-
7		Total Revenues from Water Operations	3,118,986	88,962
8		MISCELLANEOUS REVENUES	\$*****	\$*****
9	506	Rent from Property used in Operation	-	-
10	507	Miscellaneous Operating Revenues	5,365	(3,921)
11		Total Revenues from Miscellaneous Operation	5,365	(3,921)
12		Total Operating Revenues	3,124,351	85,041

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 of 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)			
13	Common Stock				24,000	
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24				Total	24,000	

Annual report of Whitinsville Water Company

Year ended December 31, 2015

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.	Acct. No.	NAME OF OPERATING EXPENSE ACCOUNT (a)	Amount of Operating Expenses for Year (b)	Comparison with Previous Year (Increase in Black, Decrease in Red) (c)
1		SOURCE OF WATER SUPPLY EXPENSES	*****	*****
2	601-1	Maintenance of Water Supply Buildings and Fixtures	1,179	(125)
3	601-2	Maintenance of Surface Source of Supply Facilities	4,206	(2,908)
4	601-3	Maintenance of Ground Source of Water Supply	7,734	7,734
5		Total Source of Water Supply Expenses	13,119	4,702
6	602	Water Purchased for Resale		
7		PUMPING EXPENSES	*****	*****
8	603-1	Pumping Labor	38,757	(12,655)
9	603-2	Boiler Fuel	0	-
10	603-3	Water for Steam	0	-
11	603-4	Electric Power Purchased	121,534	9,252
12	603-5	Miscellaneous Pumping Station Supplies and Expenses	17,187	988
13	604-1	Maintenance of Power Pumping Buildings and Fixtures	6,344	(3,203)
14	604-2	Maintenance of Pumping Equipment	13,228	8,605
15	604-3	Maintenance of Miscellaneous Pumping Plant Equipment	0	(245)
16		Total Pumping Expenses	197,050	2,741
17		PURIFICATION EXPENSES	*****	*****
18	605-1	Purification Labor	31,540	5,064
19	605-2	Purification Supplies and Expenses	118,524	25,703
20	606-1	Maintenance of Purification Buildings and Fixtures	0	-
21	606-2	Maintenance of Purification Equipment	0	-
22		Total Purification Expenses	150,063	30,767
23		TRANSMISSION AND DISTRIBUTION EXPENSES	*****	*****
24	607	Inspecting Customers' Installations	105	59
25	608	Miscellaneous Trans. and Dist. Supplies and Expenses	0	-
26	609-1	Maintenance of Trans and Dist Buildings and Fixtures	64	64
27	609-2	Maintenance of Trans. And Dist. Mains	18,642	(7,789)
28	609-3	Maintenance of Storage, Reservoirs, Tanks and Standpipes	15,494	13,647
29	609-4	Maintenance of Services	2,825	388
30	609-5	Maintenance of Meters	3,615	56
31	609-6	Maintenance of Hydrants	7,508	1,449
32	609-7	Cross Connection	5,325	2,287
33		Total Trans. And Dist. Expenses	53,578	10,160
34		GENERAL AND MISCELLANEOUS EXPENSES	*****	*****
35	610-1	Salaries of General Officers and Clerks	503,731	66,487
36	610-2	General Office Supplies and Expenses	62,191	2,406
37	610-3	Law Expense -- General	124,179	(24,515)
38	610-4	Insurance	160,358	4,995
39	610-5	Accidents and Damages	0	-
40	610-6	Store Expenses	18,968	(9,289)
41	610-7	Transportation Expenses	41,707	(11,727)
42	610-8	Inventory Adjustments	-3,046	(6,447)
43	610-9	Maintenance of General Structures	40,046	(21,329)
44	610-10	Depreciation	535,363	88,037
45	610-11	Miscellaneous General Expenses	25,656	1,034
46		Total General and Miscellaneous Expenses	1,509,152	89,651
47		GRAND TOTAL OPERATING EXPENSES	1,922,962	138,021

Annual report ofWhitinsville Water Company..... Year ended December 31, 2015

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 (a)	Amount of Operating Expenses for Year (b)	Comparison with Previous Year (Increase in Black, Decrease in Red) (c)
25	601	Maint. Of Source of Water Supply		
26	602	Water Purchased for Resale		
27	603	Pumping Labor		
28	604	Maint. of Pumping Plant		
29	605	Purification Labor, Supplies & Expenses		
30	606	Maint. of Purification Buildings and Equipment		
31	607	Inspecting Customers' Installations		
32	608	Misc. Trans. And Dist. Supplies and Expenses		
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
48. RE Taxes Northbridge			71,940	71,940
49. Personal Prop Northbridge			36,334	36,334
50. RE Taxes Sutton			68,044	68,044
51. Pers Prop Sutton			11,404	11,404
52. Payroll Taxes	53,086	4,144		57,230
53. State Income Taxes		202,503		202,503
54. Federal Income Taxes	414,167			414,167
55 Mass Sales Tax-Collected		(1,068)		(1,068)
56 Mass Sales Tax-Purchased		1,383		1,383
57. Totals	467,253	206,962	187,722	861,937

I. Land owned by the Company		REAL ESTATE INFORMATION	
Location		Use	
A. Hill St., Whitinsville		Booster Pump Station	
B. Main St., Whitinsville		Well Field – Pump Station	
C. Carr St., Whitinsville		Well Field – Pump Station	
D. Mendon Road, Sutton		Well Field-Treatment Plant, P.S. Res. 4, 5, 6, 7 & WS	
E. Main St., Whitinsville		Future Water Supply	
F. Lake St., Whitinsville		Office – Storage – Garage – Workshop	
G. Prentice Rd. & Carr St., Whitinsville		Future Water Supply – Watershed	
H. Prentice Rd., Sutton		Watershed	
I. Carpenter Reservoir, Whitinsville		Watershed	
J. Fish Pond, Whitinsville		Watershed	
K. Meadow Pond, Whitinsville		Watershed	
L. Gravel Pack Well Rd., Whitinsville		Watershed	
M. Carpenter Reservoir, Whitinsville		Watershed	
N. Meadow Pond, Whitinsville		Watershed	
O.			
P.			
Area	When Bought	Cost	
A. .06 Acres	2-Jan-54	\$11.00	
B. 6.72 Acres	2-Jan-54	\$240.00	
C. 6.13 Acres	2-Jan-54	\$4,245.00	
D. 1,007.75 Acres	2-Jan-54	\$5,100.00	
E. 4.90 Acres	31-Dec-58	\$600.00	
F. 1.43 Acres	31-Dec-58	\$1,300.00	
G. 28.85 Acres	31-Dec-58	\$3,187.00	
H. 7.00 Acres	31-Dec-58	\$800.00	
I. 116.10 Acres	29-Oct-62		
J. 1.30 Acres	29-Oct-62	\$10,000.00	
K. 183.10 Acres	29-Oct-62		
L. 4.25 Acres	9-Jul-65	\$1,500.00	
M. 188.61 Acres	10-Dec-65	\$1,974.00	
N. 16.74 Acres	Aug-03	\$238,000.00	
O. .35 Acres	7-May-12	\$12,500.00	
P.			
2. Buildings Owned by Company			
A. Hill St., Whitinsville		Pump Station	
B. Main St., Whitinsville		Pump Station	
C. Carr St., Whitinsville		Pump Station	
D. Mendon Rd., Sutton		Pump Station	
E. Mendon Rd., Sutton		Telemeter Shelter	
F. Mendon Rd, Sutton		Water Treatment Plant	
G. Lake St., Whitinsville		Office – Storage – Workshop - Garage	
H. Carr St, Whitinsville		Water Treatment Plant	
Size	Material	When Built	Cost
A. 20x24	Wis Wdn RF	1936	\$2,700.00
B. 18x30	Wis Conc RF	1950	\$20,670.00
C. 20x27	Wis Conc RF	1922	\$1,950.00
D. 22x34	Wis Wdn RF	1919	\$1,900.00
E. 7x7	Conc Fdn	1951	\$912.00
F. 53x65	Steel RF	2009	\$4,419,754.00
G. 85x31	Firs 3R Wis.	1958 (Purch)	\$26,200.00
H. 40x41	Steel RF	2013	\$113,000.00

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

SUPPLY INFORMATION

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.

Water is delivered and pressure maintained by gravity feed from distribution reservoirs. Three electronic-driven pump stations pump directly into the distribution systems. Electronic-driven booster pump station raises water to another distribution standpipe.

2. Watersheds owned by the Company.

Location	Area	When Bought	Cost*
A. See previous page			
B.			
C.			
D.			

Remarks:

All land owned by the WWC is within the watershed with the exception of the office.

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.

*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. Whittin	NA			approx 1920	
B. Sutton	NA			approx 1904	
C. GP Well	8 inches			1949	
D.					
E.					
F.					

5. Give a full and complete description of the wells

6. Reservoirs. The WWC has no reservoirs for which we directly treat water. We do own following reservoirs.

Location	Area at Surface When Full	Full Capacity in Gallons	When Built	Cost*
A. #6 - Sutton	16 acres	40 MG	1907	\$6,710.00
B #5 - Sutton	30 acres	119 MG	1910	\$30,910.00
C. #4 - Sutton	12 acres	60 MG	1901 / 1965	\$42,100.00
D. Carpenter	80 acres	317 MG	1827	
E. Meadow Pond	185 acres	372 MG	1961	
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. Reservoirs #4, 5, & 6 were formed artificially by constructing three dams across the Cook Allen Brook. The dams are of earth construction having concrete cores with sheathing driven below core. Each dam has a spillway and regulating gates. Reservoir #4 was stripped. The other two only had the vegetation cut. The heights of the dams are 25', 30', and 14' respectively. (#4 was breached during the August, 1955 flood and was re-constructed in 1965.

*By cost is meant the original cost on 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 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 Installed		Cost*	
A. Sutton Pump Station	Centr	Fairbanks	2009	\$	40,000.00	
B. Sutton Pump Station	Centr	Fairbanks	2009	\$	40,000.00	
C. Whitin Station	Centr	Aurora	2015	\$	11,000.00	
D. Whitin Station	Centr	Warren St.	1953	\$	2,136.00	
E. Gravel Pack Well P.S.	Sub	Goulds	2002	\$	2,585.00	
F. Booster Pump Station	Centr	ITT	1990	\$	7,000.00	
G. Booster Pump Station	Centr	ITT	1990	\$	7,000.00	
H.LHW Sutton Treatment Pl	VT	Fairbanks	2009	\$	40,000.00	
I.LHW Sutton Treatment Pla	VT	Fairbanks	2009	\$	40,000.00	
J. Whitin Treatment Plant	VT	Goulds	2013	\$	5,000.00	
Number of cyls.	Single or double acting	Rated strokes per minute	Length of stroke	Diam of Pistons or Plungers	How Driven	Displacement per 24 Hours
A.						
B.						
C.						
D.						
E.						
F.						
G.						

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

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 Cylinders		2 or 4 Stroke Cycle	Rated H.P.
			Diameter	Stroke		
A.						
B.						

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

Location	Name of Builder	When Installed	Cost*
A. Sutton Pump Station	U.S. Motor	2009	40,000.00
B. Sutton Pump Station	U.S. Motor	2009	40,000.00
C. Whitin Pump Station	WEG	2010	17,395.00
D. Whitin Pump Station	Lincoln Guard	1978	332.00
E. Gravel Pack Well Pump	Franklin Motor	2002	6,000.00
F. Booster Pump Station	U.S. Motor	1990	3,422.70
G. Booster Pump Station	U.S. Motor	1990	3,422.70
H. LHW Sutton Treatment Plant	U.S. Motor	2009	40,000.00
I. LHW Sutton Treatment Plant	U.S. Motor	2009	40,000.00
J. Whitin Treatment Plant	Baldor/Reliance Ind. Motor	2013	5,000.00
A.C. or D.C. If A.C. give phase	Volts	Type of Drive	Rated H.P.
A. A/C 3 phase	460	VFD	50
B. A/C 3 phase	460	VFD	30
C. A/C 3 phase	460	VFD	100
D. A/C 3 phase	460/3750	Direct	100
E. A/C 3 phase	460/3450	Direct	30
F. A/C 3 phase	460/1800	Direct	40
G. A/C 3 phase	460/1800	Direct	40
H. A/C 3 phase	460	VFD	75
I. A/C 3 phase	460	VFD	75
J. A/C 3 phase	200/400	Direct	15

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

PUMPING INFORMATION – Continued

9. WATER WHEELS AND TURBINES

Location	Name of Builder	When Installed	Cost*
A.			
B.			
C.			
D.			

Type of Machine	Diam of Runner	Working Head	Speed	Type of drive	Rated H.P.
A.					
B.					
C.					
D.					

Total Horse Power:

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:

Next page is 407

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

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-15	63,755		35,008,190			
February-15	57,215		30,953,565			
March-15	63,109		35,040,303			
April-15	58,471		36,332,375			
May-15	81,181		61,462,659			
June-15	76,421		55,770,951			
July-15	79,629		57,384,434			
August-15	89,133		62,548,133			
September-15	81,213		60,901,994			
October-15	59,582		43,940,799			
November-15	39,734		36,213,270			
December-15	52,601		32,900,557			
Totals	802,044		548,457,230			

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

13. Average gallons pumped per day _____ .534517 _____

14. Maximum gallons pumped in a day _____ 972,001 _____

15. Date of same _____ 9/4/2015 _____

16. Range of pressure in main _____ 40 _____ lbs. to _____ 135 _____ lbs.

17. Average pressure in mains _____ 100 _____ lbs. per sq. in.

* - Includes the booster station for the high service area

** - Includes water production only

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. .15

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 802,044 K.W. Hrs

DISTRIBUTION INFORMATION

1. Mains

Nominal Diameter, Inches	Kind of Pipe *	LENGHTS IN FEET					
		In Use at Beginning of Year	Taken Up Since	Abandoned But Not Taken Up	Laid Since	In Use at Close of Year	
TRANSMISSION SYSTEM:							
24	Cast Iron	1,410				1,410	
16	Transite	2,900				2,900	
16	Cast/Ductile Iron	10,472				10,472	
14	Cast/Ductile Iron	8,960				8,960	
12	Cast/Ductile Iron	40,307				40,307	
10	Cast/Ductile Iron	34,797				34,797	
8	Cast/Ductile Iron	69,377		1,403	1,403	69,377	
6	Cast/Ductile Iron	30,277		39.5	40	30,277	
4	Cast/Ductile Iron	10,436				10,436	
16	HDPE	3,000				3,000	
10	HDPE	1,800				1,800	
6	HDPE	400				400	
2-1/2	Blk Wrt Iron	252				252	
2	Wrt Iron Ex-Heavy	502				502	
2	Copper Type K	14				14	
1-1/2	Wrt Iron Ex-Heavy	465				465	
1-1/2	Copper Type K	214				214	
12	HDPE	1,000				1,000	
1-1/4	Copper Type K	100				100	
1	Copper Type K	39,600	120	478.6	598.6	39,600	
3/4	Copper Type K	44				44	
TOTALS		256,327	120	1,921	2,041	256,327	

2. Cost of repairs per mile of pipe, including valves \$18,642.14
3. Number of leaks in mains, during the year 1
4. Number of leaks per mile 1
5. Length of mains less than 4 inches in diameter ~ 3000 ft miles
*If laid on surface of ground, mark S

DISTRIBUTION INFORMATION – Continued

6. Water towers or stand pipes

Location	Area	Land When Bought	Cost*
A. Mendon Rd., Sutton			
B. Hill St., Northbridge			
C.			
D.			

Inside Diameter	Capacity in Gallons	When Built	Cost*
A. 111'x111'x16'	1,500,000	1920	\$ 94,820.00
B. 40' diameter x 90' Height	850,000	2002	\$ 625,000.00
C.			
D.			
TOTAL			\$ 719,820.00

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
12	Cast Iron	1			1
10	Cast Iron	7			7
8	Cast Iron	24			24
6	Cast Iron	44			44
4	Cast Iron	12			12
3	Cast Iron	1			1
1.5-2.5	Iron Pipe	47			47
1.25-.75	Iron Pipe, Plastic or Copper	2164	30	30	2164
TOTALS		2300	30	30	2300

8. Average length of service pipe 25 feet
9. Average cost of service laid during the year, \$ _____ Paid for by developer _____
10. Percentage of services that are metered 100
11. Percentage of income that is metered 80
12. Leaks I service during the year 2
13. Are services pipes paid for by consumers, in whole or in part and to what extent? Main to curb water company - curb to house - customer

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

DISTRIBUTION INFORMATION – Continued

9. 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
4x5-6	2 ½ + 4 ½	0			0
4 ½ x5-6	"	7			7
5x5-6	"	58			58
5 ¼ x 5 ½ -6	"	264	6	6	264
4x5-6	"	0 (S)			0
4 ½ x 5-6	"	1 (S)			1
5x5-6	"	2 (S)			2
5 ¼ x 5-6	"	43 (S)			43
	TOTALS	375	6	6	375

10. Were all of the above hydrants purchased and installed at the expense of the Company?
Yes

11. If not, under what arrangements were they purchased and installed? New developments often install hydrants & transfer ownership to the Whitinsville Water Company

12. 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
4 x 5	2 ½ x 4 ½	Shop@Whi 1			1
4 ½ x4-6	"	WWC 1			1
"	"	Shop@Whi 3			3
"	"	Cottonmill 2			2
5 x 5-6	"	Shop@Whi 2			2
5 ¼ x 5-6	"	Christian Sch 3			3
"	"	Shop@Whi 11			11
"	"	Sutton Sewer 1			1
"	"	Carquest 2			2
"	"	Ross Trucking 1			1
"	"	Schwan Foods 1			1
"	"	Champion Container 1			1
"	"	Walmart 8			8
"	"	National Grid 6			6
"	"	NEDT 1			1
6 x 5-6	"	Shop@Whi 2			2
	TOTALS	46	0	0	46

13. Were the above hydrants purchased and installed at the expense of the Company?

14. If not, under what arrangements were they purchased and installed? Installed at the expense of property owners

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
5/8"	2108	1	2000	724	2111	1274
3/4"	91	5	91	23	102	62
1"	20	1	22	3	21	19
1 1/4"	0				0	
1 1/2"	16				16	
2"	14				14	
3"	0				0	
6"	2				2	
10"	2				2	
	0				0	
	0				0	
TOTALS	2253	7	2113	750	2268	1355

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

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

12. 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.

Consumption Information

- 1. Estimate total population of territory covered by franchise 7,799
- 2. Estimated population reached by the distributing system 15,707
- 3. Estimated population actually supplied 15,260
- 4. Total consumption during the year gals. 195 MG
- 5. Average daily consumption gals. .534 MG
- 6. Day on which the greatest amount was pumped September 4th
- 7. Gallons pumped on above day .097 MG
- 8. Week during which greatest amount was pumped August 30-September 5
- 9. Gallons pumped during above week 5.782 MG
- 10. Gallons per day per service 474*
- 11. Consumption metered 100%
- 12. Consumption metered _____ percent of total consumption _____

13. **CUSTOMERS**

Number being Supplied at Beginning of Year	Disconnected Since	Connected Since	Number being Supplied at Close of Year
2263		5	2268
2263		5	2268
Name of City, Town or District		Number of Customers as of December 31, 2015	
Whitinsville Water Company		2268	

* Does not include wholesale customers

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 July 1, 2011

By meter See M.D.P.U. NO.22 & NO.23

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 _____

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? _____

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

[Handwritten signature]

President

[Handwritten signature]

Treasurer

[Handwritten signature]

Directors

[Handwritten signature]
[Handwritten signature]

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.

EXTRACTS FROM THE GENERAL LAWS

TERCENTENARY EDITION

CHAPTER 165

SECTION 1. In sections one to eleven, inclusive, the following words shall have the following meanings:--

"Corporation" or "company", every person, partnership, association or corporation, other than a municipal corporation, and other than a landlord supplying his tenant, engaged in the distribution and sale of water in the commonwealth through its pipes or mains.

"Department," the department of public utilities.

SECTION 2. Chapter one hundred and fifty-eight and sections ten, eleven, twelve, thirteen, fourteen, sixteen, seventeen, eighteen, nineteen, twenty-one, seventy-eight, seventy-nine, eighty, eighty-one, eighty-two, eighty-three, eighty-four, ninety-two, ninety-three, ninety-four, ninety-six, ninety-eight, ninety-nine, one hundred and one, one hundred and twenty and one hundred and twenty-one of chapter one hundred and sixty-four shall include and apply to all such corporation and companies.

SECTION 4. The department shall have general supervision of all corporations and companies subject to this chapter, and shall make all necessary examinations and inquiries and keep itself informed as to the compliance by all such corporations and companies with the law.

SECTION 7. The department shall make an annual report of all its doings under this chapter, together with such suggestions as to the condition of affairs or conduct of the corporations and companies as may be appropriated and with such abstracts of the returns required by section two as it deems expedient.

CHAPTER 164

SECTION 81. Gas and electric companies or persons engaged in the manufacture and sale or distribution of gas or electricity shall keep their books and accounts in a form to be prescribed by the department, and the accounts shall be closed annually, so that a balance sheet can be taken therefrom. Manufacturing companies in which the manufacture of gas or electricity is a minor portion of their business shall be required to keep accounts of the expenses and income of their gas or electric business only.

SECTION 83. Gas and electric companies and manufacturing companies and persons engaged in the manufacture and sale or distribution and sale of gas or electricity shall annually, on or before such date as the department fixes, make to the department, in a form prescribed by it, a return for the year ending on such date as the department may from time to time require, signed and sworn to by the president or vice-president, and treasurer or assistant treasurer, and a majority of the directors, of the amount of their authorized capital, their indebtedness and financial condition, on the said date, their income and expenses during the preceding year, their dividends paid and declared, a list of the names of all their salaried officers and the amount of the salary paid to each, and the balance sheet of their accounts as of said date. Such companies and persons shall at all times, upon request, furnish any information required by the department or its duly authorized employees relative to their condition, management and operation, and shall comply with all lawful orders of the department; but manufacturing companies in which the manufacture and sale of gas or electricity is a minor portion of their business shall be required to include in their annual returns the income and expenses and other data relative to their gas and electric business only.

SECTION 84. Each such gas or electric company or manufacturing company or person neglecting to make the annual return required by the preceding section shall, for the first fifteen days or portion thereof during which such neglect continues, forfeit five dollars a day; for the second fifteen days or any portion thereof, ten dollars a day; and for each day thereafter not more than fifteen dollars a day. If any such company or person unreasonably refuses or neglects to make such return, it or he shall, in addition thereto, forfeit not more than five hundred dollars. If a return is defective or appears to be erroneous, the department shall notify the company or person to amend it within fifteen days. A Company or person neglecting to amend said return within the time specified in the notice, when notified to do so, shall forfeit fifteen dollars for each day during which such neglect continues. All forfeitures incurred under this section may be recovered by an information in equity brought in the supreme judicial court by the attorney general, at the relation of the department, and when so recovered shall be paid to the commonwealth.

CHAPTER 268

PENALTY FOR FALSE REPORTS

SECTION 6. Except as provided in sections forty-eight and forty-nine of chapter one hundred and fifty-five, whoever shall willfully make false report to the department of public utilities, the department of public works, the department of banking and insurance, or the commissioner of corporations and taxation, or who, before any such department or commissioner, shall testify or affirm falsely to any material fact in any matter wherein an oath or affirmation is required or authorized, or who shall make any false entry or memorandum upon any book, report, paper or statement of any company making report to any of the said departments or said commissioner, with intent to deceive the department or commissioner, or any agent appointed to examine the affairs of any such company, or to deceive the stockholders or any officer of any such company, or to injure or defraud any such company, and any person who with like intent aids or abets another in any violation of this section shall be punished by a fine of not more than one thousand dollars or by imprisonment for not more than one year, or both.