

ANNUAL REPORT

OF THE
WEST AND SOUTH
WATER SUPPLY DISTRICT
OF ACTON, MASSACHUSETTS

*Incorporated by the Acts of Legislature of 1912
Chapter 326, and accepted by the
District, April 12, 1912*

The Center District Accepted Section 13 of Said Act



FOR THE YEAR
ENDING DECEMBER THIRTY-FIRST

1958

Murphy & Snyder, Inc. * Maynard, Massachusetts

ORGANIZATION — 1958

Clerk

MRS. BERYL B. SILVA, Term expires 1959

Water Commissioners

DONALD L. LORING, Chairman	Term expires 1959
EDWIN H. CHRISTOFFERSON	Term expires 1960
HARLAN E. TUTTLE	Term expires 1961

Commissioners meet second Wednesday of
the month — 8 P. M.

Pumping Station Office

Treasurer

ORMAL S. LAFFIN Term expires 1959

Appointments by the Water Commissioners

Superintendent

RAY L. HARRIS (tenure of office)

Collector

RAYMOND A. GALLANT Term expires 1959

Accountant

MRS. BERYL B. SILVA Term expires 1959

COMMONWEALTH OF MASSACHUSETTS

MIDDLESEX, ss.



To the Clerk of the West and South Water Supply District of
Acton: GREETINGS:

You are directed to notify and warn the inhabitants of the Town of Acton residing in the Water Supply District as bounded and defined by Chapter 326 of the Acts of 1912, Section 1 and 13 of said Act, and new extensions accepted by the District qualified to vote in election and Town affairs to assemble in:

Town Hall, Acton Center

Monday, February 16, 1959, at Eight O'clock P. M.

Then and there to act on the following articles:

Article 1. To choose a Moderator to preside at said meeting.

Article 2. To elect by ballot a Clerk for one year, a Treasurer for one year, and one member of the Board of Water Commissioners to serve for the term of three years, and to fix salaries of same.

Article 3. To hear and act on the report of the Water Commissioners, and other officers of the District or any committee appointed at any previous meetings.

Article 4. To see if the District will authorize the Treasurer to borrow money, with the approval of the Water Commissioners, if necessary, in anticipation of revenue of the current year.

Article 5. To see if the District will vote to instruct the Water Commissioners to have an annual audit of the various accounts of the District or act anything thereon.

Article 6. To see what sums of money the District will vote to raise and appropriate to defray the usual expenses of the District.

Article 7. To see what action the District wishes to take in reference to Conant Station, Acton Center, and Whitcomb Station, West Acton.

Article 8. To see if the District will vote to transfer from Surplus Revenue, the sum of ten thousand dollars (\$10,000) to extend eight-inch water main, install hydrants and necessary fittings, from the end of existing main at the Concordian Motel on Hosmer Street, to the end of existing main at the corner of Foster and Hosmer Streets, as recommended by fire underwriters, a distance of approximately 1650 feet, or act anything thereon.

(Inserted at the request of Acton Fire Chief).

Article 9. To see if the District will vote to transfer from Surplus Revenue the sum of six thousand five hundred dollars (\$6,500), two thousand five hundred dollars (\$2,500) to be used to complete the pumping tests on test well No. 35, at the Acton-Concord line off Lawsbrook Road, and four thousand dollars (\$4,000) to be used to continue further tests for possibility of locating more water, or act anything thereon.

Article 10. To see if the District will vote to raise and appropriate the sum of eight thousand four hundred dollars (\$8,400) to extend a ten-inch water main a distance of approximately 1400 feet on Concord Road from the existing main at Concord Road and Hosmer Street, and to install the necessary hydrants and fittings, and to authorize the Treasurer, with the approval of the Commissioners, to borrow \$8,400, if necessary, to meet said appropriation, or act anything thereon.

(Inserted at the request of Jenks Realty Co. and Dewey Boatman).

Article 11. To see if the District will vote to raise and appropriate the sum of one thousand six hundred twenty-five dollars (\$1,625), to extend eight-inch water main along Conant Street for a distance of approximately 325 feet from

existing main in front of lot No. 12 Conant Street, and to install necessary hydrants and fittings, and to authorize the Treasurer, with the approval of the Commissioners, to borrow \$1,625, if necessary, to meet said appropriation, or act anything thereon.

(Inserted at the request of Albert E. Foster).

Article 12. To see if the District will vote to raise and appropriate the sum of ten thousand one hundred fifty dollars (\$10,150), to extend a ten-inch water main along Windsor Avenue from the end of existing main on Windsor Avenue to existing main at Windsor Avenue and Central Street, a distance of approximately 1450 feet, and to install the necessary hydrants and fittings, and to authorize the Treasurer, with the approval of the Commissioners, to borrow \$10,150, if necessary, to meet said appropriation, or act anything thereon.

(Inserted at the request of Dr. Donald O. Feltus).

Article 13. To see if the District will vote to raise and appropriate the sum of twenty-two thousand dollars (\$22,000), to construct a gravel packed well and install necessary fittings and connections for same. (Site to be determined by the Commissioners).

And you are directed to serve this warrant by posting copies attested by you in three or more public places in the Water District thereof, seven days at least before the time of said meeting as directed by vote of the Water District.

Hereof fail not and make due returns of this warrant with your doings thereon to the Water Commissioners on or before the time of holding said meeting.

Given under our hands in Acton this twentieth day of January in the year one thousand nine hundred and fifty-nine.

DONALD L. LORING,
EDWIN H. CHRISTOFFERSON,
HARLAN E. TUTTLE,
Water Commissioners.

REPORT OF THE WATER COMMISSIONERS

The District is faced with the problem of locating a sufficient water supply to meet its growing demands.

During the past year, the Commissioners, with the assistance and advice of Whitman & Howard, Consulting Engineers of Boston, installed and tested 37 wells in various areas in the Town which showed possibilities of producing water. Most of the wells drilled showed hard pan or ledge from 12 feet to 18 feet down.

However, three locations showed a fairly good supply of water: Christofferson's Pit, Assabet Sand & Gravel Pit, and across Massachusetts Avenue from the Whitcomb Station at the Boxborough line. The Christofferson Pit seems to be the best located and so far has tested out fairly well, but more pumping is necessary to determine the amount and type of water that it will yield.

We are asking for another appropriation to conduct tests in several other locations, some outside of the District. We feel that the way the Town is growing that it is wise to locate and acquire any potential sources of water before development takes place on them and spoils any chance of using it or makes the value too high.

We have also looked into the possibility of taking water from Lake Nagog and find that all other possible sources must be explored before we can take steps to do anything about it.

You will note on the warrant that we are asking for the extension of Hosmer Street. We feel that this is a very important gap in our system which should be closed especially if the test well at Christofferson's Pit proves favorable, as at present we have only one feed line on School Street from Chadwick Street to take care of the needs on School Street, Parker Street, and Lawsbrook Road to the Concord line. Air Reduction is also fed from this line, and currently use approximately 100,000 gallons per day.

The Commissioners do not feel that the rates should be lowered at this time, and that any surplus money should be spent to improve the system.

We are however, lowering the hydrant rates \$5.00 per unit, because at the present time we feel that \$11,000 to \$12,000 per year is sufficient to maintain existing hydrants, replace 5 or 6 old hydrants, install 3 or 4 new ones, and connect some of the gaps which exist. This has been the procedure for the last four or five years, and seems to be the program for several years to come.

We submit the estimated budget for 1959:

ESTIMATED REVENUES AND RECEIPTS

Hydrant Rentals	\$11,700.00	
Water Rates	58,500.00	
Sprinkler Service	200.00	
Installing and Repairs	9,000.00	
		<u>\$79,400.00</u>

ESTIMATED EXPENSES FOR CURRENT YEAR

Bonds and Interest	\$22,000.00	
Salaries and Wages	18,000.00	
Lights, Power and Telephone	7,000.00	
Fuel and Lubricating Oil	400.00	
Auto and Equipment Expense	2,000.00	
Insurance and Rentals	900.00	
Meters (New and Repairs)	5,000.00	
Miscellaneous	1,500.00	
Materials and Supplies (maintenance and operation)	12,500.00	
Equipment Rental	1,000.00	
Middlesex County Retirement	600.00	
Massachusetts State Audit	250.00	
		<u>\$71,150.00</u>
Estimated Gain		\$8,250.00

DONALD L. LORING, Chairman,
EDWIN H. CHRISTOFFERSON,
HARLAN E. TUTTLE,
Water Commissioners.

REPORT OF SUPERINTENDENT

To the Board of Water Commissioners:

The following report covers the activities of the District for 1958.

New house installations for 1958 number 123, and 71 old house services have been repaired or renewed.

Considerable work and expense was involved on Main Street, South Acton, when we renewed all the house service lines from the water main into houses from the railroad bridge to Prospect Street, installed five (5) new hydrants, and set them back to widen the street.

The 8-inch water main has been completed on Arlington Street from Norman Perkins' and connected with the Agawam Road line, which has improved the hydrant flow about 30% and will give the residences in Indian Village better service and fire protection.

The connection on Arlington Street from Wentworth Prentiss' to Sweeney Drive has been completed, and will give this section better hydrant protection and service.

Developers have laid water mains on the following streets: Oneida, Algonquin, Huron, Quaboag, Agawam, Brucewood, Pinewood, Birch Ridge, and Juniper Ridge Roads, and Foster Street.

Total water pumped from October 1, 1957, to October 1, 1958: 145,325,300 gallons.

Increase over 1957 — 11,994,100 gallons.

Respectfully submitted,

RAY L. HARRIS,
Superintendent.

WATER MEETING

Abstract of the proceedings of the Annual Water Meeting of the West and South Water Supply District of Acton held in Town Hall, Acton Center.

MONDAY, FEBRUARY 17, 1958, at eight o'clock P. M.

Article 1. To choose a Moderator to preside at said meeting.

Chose David R. Kinsley, Moderator of the meeting.

Article 2. To elect by ballot a Clerk for one year, a Treasurer for one year, and one member of the Board of Water Commissioners to serve for the term of three years, and to fix salaries of same.

Elected: Mrs. Beryl B. Silva, Clerk for one year.

Elected: Ormal S. Laffin, Treasurer for one year.

Elected: Harlan E. Tuttle, Water Commissioner for three years.

Voted: To increase Treasurer's salary from \$200 to \$400 per year.

Voted: To fix remaining salaries at the same figure as last year. (Unanimous vote).

Article 3. To hear and act on the report of the Water Commissioners, the Treasurer, the Collector and other officers of the District or any committee appointed at any previous meetings.

Voted: To accept the reports of the District officers and committees.

Article 4. To see if the District will authorize the Treasurer to borrow money, with the approval of the Water Commissioners, if necessary, in anticipation of revenue of the current year.

Voted: That the Treasurer with the approval of the Water Commissioners, be and hereby is authorized to borrow money from time to time in anticipation of the financial year beginning January 1, 1958, and to issue a note or notes therefor payable within one year, any debt or debts incurred under this vote to be paid from the revenue of said financial year.

Article 5. To see if the District will vote to instruct the Water Commissioners to have an annual audit of the various accounts of the District or act anything thereon.

Voted: To instruct the Board of Water Commissioners to have an annual audit of the various accounts of the Water District under the direction of the Commonwealth of Massachusetts.

Article 6. To see what sums of money the District will vote to raise and appropriate to defray the usual expenses of the District.

Voted: To appropriate the receipts of the District for maintenance and operation of the District with specific appropriations as follows: (Unanimous vote).

Bonds and Interest	\$24,000.00
Salaries	16,500.00
Lights, Power and Telephone	6,500.00
Fuel and Lubricating Oil	400.00
Auto and Equipment Expense	2,700.00
Insurance and Rentals	800.00
Meters (New and Repairs)	4,000.00
Miscellaneous	1,500.00
Materials and Supplies	12,500.00
Equipment Rental	1,500.00
Middlesex County Retirement	501.35
Massachusetts State Audit	247.27

Total \$71,148.62

Article 7. To see if the District will vote to raise and appropriate the sum of one thousand four hundred dollars (\$1,400) to extend a six-inch water main along Taylor Road for a distance of approximately 280 feet from the existing main at Taylor Road and Coughlin Street, and to install the necessary fittings and hydrant, or to act anything thereon.

Voted: To amend article to read 8-inch water main instead of 6-inch water main. (Unanimous vote).

Voted: To appropriate from Surplus Revenue the sum of one thousand four hundred dollars (\$1,400) to extend an eight-inch water main along Taylor Road for a distance of approximately 280 feet from the existing main at Taylor Road and Coughlin Street, and to install the necessary fittings and hydrant. (Unanimous vote).

Article 8. To see whether the Acton Water District will vote to appropriate the sum of five hundred forty dollars (\$540) to reimburse Stanley B. Johnson, Conant Street, South Acton, for cost incurred in extending an eight-inch water main 120 feet on Conant Street.

Voted: To amend article to read \$324.00, instead of \$540.00. (Unanimous vote).

Voted: To reimburse Stanley B. Johnson the sum of three hundred twenty-four dollars (\$324), for cost incurred in extending an eight-inch water main 120 feet on Conant Street. (Unanimous vote).

Article 9. To see if the District will vote to transfer from Surplus Revenue the sum of six thousand dollars (\$6,000) to extend eight-inch water main, install hydrants, and necessary fittings from the end of the main in front of the house of Norman Perkins on Arlington Street to Agawam Road, a distance of approximately 1200 feet, or act anything thereon.

Voted: To appropriate from Surplus Revenue the sum of six thousand dollars (\$6,000), to extend eight-inch water main, install hydrants, and necessary fittings from the end of the main in front of the house of Norman Perkins on Arlington Street to main on Agawam Road, a distance of approximately 1200 feet. (Unanimous vote).

Article 10. To see if the District will vote to transfer from Surplus Revenue, the sum of one thousand four hundred dollars (\$1,400) for addition and maintenance at Pumping Station, West Acton, or act anything thereon.

Voted: To appropriate from Surplus Revenue the sum of one thousand four hundred dollars (\$1,400) for addition and maintenance at Pumping Station, West Acton. (Unanimous vote).

Article 11. To see if the District will vote to amend the vote under Article 14 of February 19, 1951, by striking out the words, "as reduced by the fixed minimum charges levied on all services connected thereto," and inserting the words, "with no deductions for fixed minimum charges."

Motion: That the District vote to amend the vote under Article 14 of February 19, 1951, as amended by vote of Article 14 of February 16, 1953, by striking out the words "as reduced by the fixed minimum charges levied on all services connected thereto" and inserting the words "with no deductions for fixed minimum charges."

Motion failed to pass. Total 61. Yes 26, No 35.

Voted to adjourn 9:30 P. M.

A true copy. Attest:

BERYL BANCROFT SILVA,
District Clerk.

WATER MEETING

Abstract of the proceedings of special meeting of the West and South Water Supply District of Acton held in Town Hall, Acton Center.

MONDAY, SEPTEMBER 15, 1958, at eight o'clock P. M.

Article 1. To choose a Moderator to preside at said meeting.

Chose David R. Kinsley, Moderator of the meeting.

Article 2. To see if the District will vote to appropriate from Surplus Revenue the sum of two thousand two hundred fifty dollars (\$2,250), to extend 6-inch water main on Arlington Street from hydrant in front of house of Wentworth Prentiss, a distance of 375 feet, to join existing line in Colonial Acres, West Acton, or act anything thereon.

Voted: To appropriate from Surplus Revenue the sum of \$2,250.00, to extend 6-inch water main on Arlington Street from hydrant in front of house of Wentworth Prentiss, a distance of 375 feet, to join existing line in Colonial Acres. (Unanimous vote).

Article 3. To see if the District will vote to transfer from Surplus Revenue to Meter account the sum of one thousand five hundred dollars (\$1,500), or act anything thereon.

Voted: To transfer. (Unanimous vote).

Article 4. To see if the District will vote to transfer from Surplus Revenue to Salaries account the sum of one thousand five hundred dollars (\$1,500), or act anything thereon.

Voted: To transfer. (Unanimous vote).

Article 5. To see if the District will vote to transfer from Surplus Revenue to Lights, Power and Telephone account the sum of five hundred dollars (\$500), or act anything thereon.

Voted: To transfer. (Unanimous vote).

Voted to adjourn 8:07 P. M.

A true copy. Attest:

BERYL BANCROFT SILVA,
District Clerk.

**REPORT OF THE COLLECTOR OF WATER RATES
1958**

Outstanding January 1, 1958	\$3,846.62
Charges	81,897.34
Refunds	1,228.62
Deposit in advance of Charges	150.00
Overpayments to be refunded	41.21
	\$87,163.79

Paid to Treasurer	\$84,014.08
Abatements	64.24
Outstanding January 1, 1959	3,085.47
	\$87,163.79

Metered Water from October 1, 1957 to October 1, 1958
130,793,890 gallons

Number of Services December 31, 1958

Center	239
South	587
West	850

Water Pumped from October 1, 1957 to October 1, 1958
145,325,300 gallons

Number of Hydrants as of January 1, 1959

On accepted streets	249
On unaccepted streets	8
Private Hydrants	9

Assessed Valuation of the District
January 1, 1959 \$7,227,465.00

RAYMOND A. GALLANT,
Collector of Water.

REPORT OF THE DISTRICT ACCOUNTANT

To the Board of Water Commissioners:

An audit of the accounts of the District officers has been conducted in accordance with the vote of the District, and a certificate of audit issued by the Commonwealth of Massachusetts.

I submit herewith a summary of the appropriations and expenditures for the year 1958.

BERYL BANCROFT SILVA,
District Accountant.

SUMMARY OF APPROPRIATIONS AND EXPENDITURES

Account	Appropriated	Expended	Balance
Bonds and Interest	\$24,000.00	\$22,871.05	\$1,128.95
Equipment Rental	1,500.00	438.76	1,061.24
Salaries	(16,500.00)		
	(A. 1,500.00)	15,833.60	2,166.40
Lights, Power and Telephone	(6,500.00)		
	(A. 500.00)	6,279.68	720.32
Fuel and Lubricating Oil	400.00	335.42	64.58
Auto and Equipment Expense	2,700.00	1,444.78	1,255.22
Insurance and Rentals	800.00	696.20	103.80
Meters	(4,000.00)		
	(A. 1,500.00)	5,475.79	24.21
Miscellaneous	1,500.00	1,499.96	.04
Materials and Supplies	12,500.00	12,470.20	29.80
Middlesex County Retirement	501.35	501.35	—
Mass. State Audit	247.27	247.27	—
(A. — Appropriation 9/15/58)			

SPECIAL APPROPRIATIONS

S. B. Johnson (Art. 8, 2/17/58)..	\$324.00	\$324.00	—
Taylor Rd. Ext. (Art. 7, 2/17/58)	1,400.00	1,400.00	—
Arlington St. Ext. (Art. 9, 2/17/58)	6,000.00	5,987.19	12.81
Maintenance — Pumping Station (Art. 10, 2/17/58)	1,400.00	1,370.00	30.00
Arlington St. — Colonial Acres Ext. (Art. 2, 9/15/58)	2,250.00	2,247.51	2.49
	Balance		Balance
	1/1/58	Expended	1/1/59

1957 APPROPRIATIONS

Backhoe	\$537.85	\$537.85	—
Survey — Water Supply	6,089.28	5,105.98	\$983.30
Conant Street Extension	2,470.59	2,458.77	11.82

BALANCE SHEET — DECEMBER 31, 1958

GENERAL ACCOUNTS

Assets

Cash:		
General		\$20,360.54
Accounts Receivable:		
Water Rates and Services		2,878.77
Overpayment — To be Recovered:		
Middlesex County Retirement System05
		<u>\$23,239.36</u>

Liabilities and Reserves

Employees' Payroll Deductions:		
Federal Taxes		\$457.20
Appropriation Balances:		
Revenue:		
Survey — New Water Supply	\$983.30	
Maintenance — Pumping Station, West Acton		30.00
Non-Revenue:		
Conant Street Extension		11.82
		<u>\$1,025.12</u>
Water Revenue Reserved Until Collected		2,878.77
Surplus Revenue		18,878.27
		<u>\$23,239.36</u>

Debt Account

Net Funded or Fixed Debt	\$96,200.00	Water Main Loans	
		1949	\$24,000.00
		1950	13,000.00
		1953	10,000.00
		1954	18,000.00
		1955	18,900.00
		1957	10,800.00
		Equipment Loan	
		1957	1,500.00
	<u>\$96,200.00</u>		<u>\$96,200.00</u>

TREASURER'S REPORT

West and South Water Supply District of Acton

Cash on Hand, January 1, 1958	\$24,633.37	
Received from Raymond Gallant, Collector	84,014.08	
Interest Received — North Middlesex Bank, Ayer	87.50	
Sale of Junk	67.50	
Withholding tax, 4th quarter 1958	456.67	
		<u>\$109,259.12</u>
Paid out Commissioners' Orders	\$88,259.40	
Withholding tax, 4th quarter 1957	418.00	
Middlesex County Retirement System	51.18	
		<u>\$88,728.58</u>
Cash Balance		<u>\$20,530.54</u>
Cash on Hand — Middlesex County National Bank, Maynard, December 31, 1958		\$20,530.54

Bonds Outstanding

First National Bank, Boston, February 1, 1963	\$24,000.00
Middlesex County National Bank, Maynard, April 15, 1964	18,000.00
Middlesex County National Bank, June 1, 1963	10,000.00
First National Bank, Boston, August 15, 1961	13,000.00
Middlesex County National Bank, June 15, 1965	14,000.00
Middlesex County National Bank, November 15, 1966	4,900.00
Middlesex County National Bank, May 1, 1959	1,500.00

Middlesex County National Bank, August 1, 1967	10,800.00	
	<hr/>	\$96,200.00

Bonds Outstanding, January 1958	\$116,600.00	
Bonds paid during 1958	20,400.00	
	<hr/>	\$96,200.00

ORMAL LAFFIN,
Treasurer.

THE COMMONWEALTH OF MASSACHUSETTS

Department of Corporations and Taxation

Bureau of Accounts

State House, Boston 33

January 30, 1959

To the Board of Water Commissioners
West and South Water Supply District of Acton
Acton, Massachusetts

Gentlemen:

This is to certify that the books and accounts of the West and South Water Supply District of Acton were audited by the Bureau of Accounts, Department of Corporations and Taxation, as of December 31, 1958, at which time they were found to be correct with all funds properly accounted for.

A detailed report of the audit will be forwarded as soon as possible.

Very truly yours,

WILLIAM SCHWARTZ,
Assistant Director of Accounts.

ws:mpd
cc: District Treasurer

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