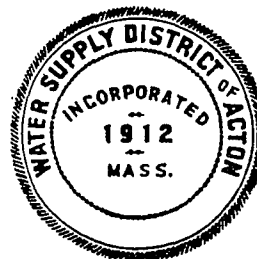


**ANNUAL REPORT**  
OF THE  
**WATER SUPPLY DISTRICT**  
OF  
ACTON, MASSACHUSETTS



*For the Year Ending December Thirty-first*

**1978**

ORGANIZATION - 1978

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Water Commissioners

Harry B. Morse	Term expires 1979
Kevin B. Sweeney	Term expires 1980
Alvin R. Piper	Term expires 1981

Moderator

Frederick H. Bubier	Term expires 1979
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Clerk

Anita E. Page	Term expires 1979
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Finance Committee

Raymond L. Page	Term expires 1980
Charles W. Pappas	Term expires 1981

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Commissioners meet on second Tuesday of the month  
Whitcomb Station, 693 Massachusetts Avenue, Acton  
8 P.M.

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Appointments by the Water Commissioners

Superintendent

<del>Stephen W. Scribner</del>	<del>Term expires 1979</del>
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Treasurer and Collector

Stephen G. Peterson	Term expires 1979
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Accountant

Louise Murray	Term expires 1979
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Attorney

Charles E. Orcutt, Jr.	Term expires 1979
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COMMONWEALTH OF MASSACHUSETTS

Middlesex, ss.



To the Clerk of the Water Supply District of Acton,  
GREETINGS:

You are directed to notify the inhabitants of the Town of Acton, qualified to vote in elections and town affairs, to assemble at the

Whitcomb Station of the Water Supply District  
Massachusetts Avenue (Route 111), West Acton

on MONDAY, MARCH 5, 1979

at 12:00 o'clock noon;

Then and there to bring their votes on one ballot for the following officers:

Moderator for one year, one commissioner for three years, and Clerk for one year.

The polls will open at TWELVE O'CLOCK, NOON, and close at EIGHT O'CLOCK P.M., MARCH 5, 1979.

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You are further requested to notify the legal voters of said Town of Acton, as aforesaid, to meet at the

Acton-Boxborough Regional High School Auditorium  
Charter Road at Hayward Road, West Acton

on WEDNESDAY, MARCH 21, 1979

at 7:30 o'clock, P.M.

Then and there to act on the following articles:

ARTICLE 1. To fix the salaries of the elected officers.

ARTICLE 2. To act on the reports of the Commissioners, the Treasurer, and other officers and committees of the District.

ARTICLE 3. To see if the District will vote to authorize the Treasurer, with the approval of the Commissioners, to borrow in anticipation of the revenue for the fiscal year beginning July 1, 1979, in accordance with provisions of General Laws, Chapter 44, Section 4, and to renew any note or notes as may be given for a period of less than one year, in accordance with the provisions of General Laws, Chapter 44, Section 17, or take any other action relative thereto.

ARTICLE 4. To see if the District will vote to instruct the Commissioners to have an audit of the various accounts of the District, or to take any action relative thereto.

ARTICLE 5. To see what sums of money the District will vote to raise and appropriate to defray the usual expenses of the District.

ARTICLE 6. To see if the District will vote to authorize the Commissioners to enter into a written agreement with Assabet Sand & Gravel Company, Inc., a Massachusetts corporation having a usual place of business in Acton, Massachusetts, regarding the removal of over-burden and required landscaping incident thereto on land owned by the District located off Powder Mill Road and New High Street in said Acton, and subject to the terms and conditions of a permit from the Acton Board of Appeals, if applicable.

Said agreement to be for one year and subject to the prior approval of the Department of Public Health, Commonwealth of Massachusetts. Said agreement shall also contain whatever terms, restrictions, conditions or limitations the District or Board of Selectmen, or both, deem necessary to protect the interests of the District and the Town. The District is to be reimbursed by Assabet Sand & Gravel Company, Inc., under the terms of said agreement, or to take any other action relative thereto.

ARTICLE 7. To see if the District will vote to authorize the Commissioners to acquire by purchase, or to take

by eminent domain, for water supply purposes and for the use and improvement of the distribution system, an easement or fee in and to all or part of a certain parcel of land at the end of Squirrel Hill Road, West Acton, Mass., and abutting land owned by the District which was acquired under Article 8, as described in the Warrant for the Annual Meeting of the District of March 16, 1977. Said parcel is shown as Parcel "X" on a plan entitled "Plan of Land in Acton, Mass., dated February 6, 1978, Water Main Easement, Squirrel Hill Road", and owned by Colonial Realty Trust, Paul J. Sweeney, Trustee, and containing 3,818 square feet.

And to raise and appropriate or transfer from any available source or to borrow a certain sum of money under authority of Chapter 44 of the General Laws and to further authorize the Commissioners to make application for any Federal or State assistance which may be available, or to take any other action relative thereto.

ARTICLE 8. To see if the District will vote to rescind the action taken under Article 11, as described in the Warrant for the Annual Meeting of the District of March 15, 1978, or to take any other action relative thereto.

ARTICLE 9. To see if the District will vote to authorize the Commissioners to transfer from surplus revenue the sum of \$25,000.00 to the "Survey for New Water Supply" account, or to take any other action relative thereto.

ARTICLE 10. To see if the District will vote to authorize the Commissioners to transfer from surplus revenue the sum of \$9,577.09 to the "Bond and Interest" account, or to take any other action relative thereto.

ARTICLE 11. To see if the District will vote to install a 6 inch water main on Taylor Road at the intersection of said Taylor Road and Minot Avenue, a distance of about 150 feet, together with the necessary fittings; and to transfer from surplus revenue the sum of \$3,000.00, or any other sum, for the payment of said installation, or to take any other action relative thereto.

ARTICLE 12. To see if the District will vote to replace a 6 inch water main at the culvert on Hayward Road near the intersection of Hayward Road and Arlington Street, a distance of about 100 feet, together with necessary fittings; and to transfer from surplus revenue the sum of \$2,000.00, or any other sum, for the payment of said installation, or to take any other action relative thereto.

And you are directed to serve this warrant by posting copies attested by you in two or more public places in the Water Supply District, fourteen days at least before the time of said meeting, as authorized by Chapter 41, Section 119, of the General Laws.

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 this fifth day of February, in the year one thousand nine hundred and seventy-nine.

HARRY B. MORSE  
KEVIN B. SWEENEY  
ALVIN R. PIPER

Water Commissioners.

A true copy.

Attest:

ANITA E. PAGE

District Clerk

REPORT OF THE COMMISSIONERS

The Commissioners of the Water Supply District of Acton make the following report:

The year was one of many extra meetings with town, state, and federal officials concerning some contaminants found in our wells causing Assabet #1 and #2 to be shut down as a precautionary measure pending further testing. A comprehensive report from our engineering firm is printed here in its entirety.

Our new building is nearly complete. It has a large meeting room, locker room, lavatory, overhead storage and vehicle garaging space.

Negotiations with Foster Masonry have ceased and as of this writing, the pit known as Lexington Sand on Lawsbrook Road is not being worked.

The main planned for Windsor Avenue was not completed this year and plans now call for it to be done in the spring.

Due to rising costs of running the department it appears necessary to raise the water rates to meet the anticipated increases in expenses.

We submit herewith the estimated budget for the fiscal year July 1, 1979 to June 30, 1980.

Estimated Receipts

Hydrants	\$ 50,440	
Water Rates	360,000	5.00 instead of 10.0
Sprinklers	7,500	8,000.00
Repairs & New Installations	35,000	
Assabet Sand & Gravel Co.	45,000	
Contract - Community Concepts	27,780	
		\$525,720

Estimated Expenditures

Group Insurance	\$ 9,500.00	
Bonds & Interest	230,104.50	
Salaries & Wages	137,000.00	
Equipment Rental	2,000.00	
Lights, Power & Telephone	52,000.00	
Fuel	3,500.00	
Maintenance & Operation	38,000.00	
Miscellaneous	1,000.00	
Office Expenses	2,000.00	
Middlesex County Retirement	10,208.00	
Massachusetts State Audit	2,000.00	
Land Survey	2,000.00	
Legal Expenses	6,000.00	
Land Appraisal	1,000.00	
Engineering Expense	5,000.00	
Insurance	8,500.00	
Meters	6,000.00	
Auto & Equipment Expense	8,000.00	
Reserve Fund	<u>20,000.00</u>	
		\$543,812.50

HARRY B. MORSE, CHM.  
KEVIN B. SWEENEY  
ALVIN R. PIPER

Water Commissioners



Board of Water Commissioners  
Water Supply District of Acton  
Massachusetts Avenue  
Acton, Mass. 01720

Re: Ground Water Contamination  
at Assabet Wells

Gentlemen:

In view of the publicity surrounding the "contamination" of Assabet Well No. 1 and No. 2, we feel that it is an appropriate time to review the situation and to outline steps for future action.

In 1973 preliminary test well exploration in Mass. Broken Stone property indicated a deep water bearing formation of sand and gravel. The water quality varied greatly throughout the area. It was, therefore, decided to seek areas of better quality water. When further testing did not locate other potential well sites, we returned to the Mass. Broken property in 1977 for more extensive testing. It was the feeling that because of the large quantity of water available, it might be feasible to treat the water. In June of 1978, a 48 hour pumping test was conducted on three 2-1/2 inch wells. The purpose of this test was to get more definitive water quality data. The water samples had a strong chemical odor. Subsequent communications with the Mass. DEQE, indicated that the water quality was such that a permanent water supply should not be developed at this site.

During the latter part of July, 1978 the Water District received for its review an Environmental Notification Form from the MAPC representative for W. R. Grace's proposed expansion. At that time, we expressed concern that the data supplied did not adequately address the potential for contamination of the Assabet Wells from the existing and proposed facility. You in turn expressed these concerns to the Board of Selectmen.

After meeting with you and engineers from the DEQE, it was agreed that the District should take immediate steps to determine the hydraulics of the aquifer. This was done and we found that the ground water table sloped from Sinking Pond to the Assabet Wells. This meant that any contamination around Sinking Pond could eventually flow toward the Assabet Wells.

In the Fall of 1978, the Board of Selectmen took under consideration W. R. Grace's Site Development Plan. Aware of the Water District's concern for ground water contamination, the Board of Selectmen issued an Order of Conditions calling for a detailed hydrogeological study to determine the extent of the contamination in the area. In the meantime, the DEQE and EPA had made several analyses of water samples from wells in the area. These samples indicated the presence of several organics in W. R. Grace's wells, test wells in Mass. Broken Stone's pit and Assabet Well No. 1 and No. 2. The number and concentration of the organics diminish as you proceed from Sinking Pond toward the Assabet Wells.

The analyses performed on these samples are not usually made on municipal water supplies. In fact only several labs have the equipment to perform the tests. The technology for defining organics in water has not been extensively developed. Therefore, while EPA has been able to detect the presence of these organics, they have not been able to determine the concentrations. In addition, the maximum contaminant level allowed has not been established for many of the organics.

After meeting with local, state and federal officials, the Water District shut off both Assabet Wells. A press release was issued stating that there was no known hazard to water users and this was only a precautionary measure.

While these wells are shut down, engineers hired by the Town are conducting a hydrogeological study, which is being paid for by W. R. Grace. It must be emphasized that the EPA has not stated that the organics in the wells are in dangerous concentrations. The Water District, however, cannot assume that the wells will be given a "clean bill of health". You must be prepared for the worst situation and take all available steps to provide an adequate water supply to your water users.

The District's first step was to initiate an extensive test well exploration program. If a suitable well site is found, it will take a minimum of 1-1/2 years to develop it into a permanent water supply.

The other approach to the situation is water treatment. Here again it should be mentioned that the chemicals involved are not common in water supplies. The technology for treating these organics has not been fully developed. There is little data available on the treatment of these organics.

We have recommended and you have authorized tests for two different types of treatment methods. One is referred to as biological reclamation. Basically it involves culturing a species of microorganisms which will degrade the organics to carbon dioxide and water. The second treatment method being investigated is activated carbon adsorption. Both these treatment techniques need to be evaluated by conducting pilot plant tests. These results will not be known for several months.

If in fact EPA does determine that the wells are "contaminated" by organic chemicals and prohibit their use, water conservation methods will have to be used. Replacing and/or treating the Assabet wells cannot be accomplished in a short period of time. Without these two wells, which account for 40% of your supply, you will not be able to meet this summer's demand without restrictions. The first step in water conservation should be a total ban on the outside use of water. In addition, the water users will have to be educated in water conservation methods. Your Board should also investigate the availability of water from neighboring communities.

In summary, if replacement and/or treatment of the Assabet Wells is required, it will require a substantial capital expenditure by the District.

Very truly yours,

DUFRESNE-HENRY ENGINEERING  
CORPORATION

WATER SUPPLY DISTRICT  
OF  
ACTON, MASSACHUSETTS

AMORTIZATION SCHEDULE - BONDS AND INTEREST

	<u>Original Amount</u>	<u>Balance 7/1/79</u>	<u>1979-1980 Principal Interest</u>	<u>1980-1981 Principal Interest</u>	<u>1981-1982 Principal Interest</u>	<u>1982-1983 Principal Interest</u>	<u>1983-1984 Principal Interest</u>	<u>1984-1985 Principal Interest</u>	<u>1985-1986 Principal Interest</u>
Assabet Land	\$ 100,000	\$ 10,000	\$10,000.00 700.00						
Water Mains	130,000	26,000	13,000.00 1,196.00	\$13,000.00 598.00					
Community Concepts	300,000	120,000	30,000.00 4,725.00	30,000.00 3,375.00	\$30,000.00 2,025.00	\$30,000.00 675.00			
Flagg Hill Reservoir	200,000	50,000	10,000.00 1,440.00	10,000.00 1,120.00	10,000.00 800.00	10,000.00 480.00	\$10,000.00 160.00		
Water Mains	196,000	76,000	15,000.00 4,178.50	15,000.00 3,263.50	10,000.00 2,501.00	10,000.00 1,891.00	10,000.00 1,281.00	\$10,000.00 671.00	\$ 6,000.00 183.00
Nagog Hill Reservoir	540,000	420,000	30,000.00 23,085.00	30,000.00 21,375.00	30,000.00 19,665.00	30,000.00 17,955.00	30,000.00 16,245.00	30,000.00 14,535.00	30,000.00 12,825.00
Water Bonds	385,000	285,000	25,000.00 15,532.50	25,000.00 14,107.50	25,000.00 12,682.50	25,000.00 11,257.50	25,000.00 9,832.50	25,000.00 8,407.50	25,000.00 6,982.50
Water Bonds	220,000	220,000	20,000.00 10,185.00	20,000.00 9,215.00	20,000.00 8,245.00	20,000.00 7,275.00	20,000.00 6,305.00	20,000.00 5,335.00	20,000.00 4,365.00
Building	130,000	130,000	10,000.00 6,064.50	10,000.00 5,577.50	10,000.00 5,092.50	10,000.00 4,607.50	10,000.00 4,122.50	10,000.00 3,637.50	10,000.00 3,152.50
<b>TOTALS</b>	<b>\$2,201,000</b>	<b>\$1,337,000</b>	<b>\$230,104.50</b>	<b>\$211,631.50</b>	<b>\$186,011.00</b>	<b>\$179,141.00</b>	<b>\$142,946.00</b>	<b>\$127,586.00</b>	<b>\$118,508.00</b>

WATER SUPPLY DISTRICT  
OF  
ACTON, MASSACHUSETTS

AMORTIZATION SCHEDULE - BONDS AND INTEREST (CONTINUED)

	<u>Original Amount</u>	<u>Balance 7/1/79</u>	<u>1986-1987 Principal Interest</u>	<u>1987-1988 Principal Interest</u>	<u>1988-1989 Principal Interest</u>	<u>1989-1990 Principal Interest</u>	<u>1990-1991 Principal Interest</u>	<u>1991-1992 Principal Interest</u>	<u>1992-1993 Principal Interest</u>
Assabet Land	\$ 100,000	\$ 10,000							
Water Mains	130,000	26,000							
Community Concepts	300,000	120,000							
Flagg Hill Reservoir	200,000	50,000							
Water Mains	196,000	76,000							
Nagog Hill Reservoir	540,000	420,000	\$30,000.00 11,115.00	\$30,000.00 9,405.00	\$30,000.00 7,695.00	\$30,000.00 5,985.00	\$30,000.00 4,275.00	\$30,000.00 2,565.00	\$30,000.00 855.00
Water Bonds	385,000	285,000	25,000.00 5,557.50	25,000.00 4,132.50	20,000.00 2,850.00	20,000.00 1,710.00	20,000.00 570.00		
Water Bonds	220,000	220,000	20,000.00 3,395.00	20,000.00 2,425.00	10,000.00 1,697.50	10,000.00 1,212.50	10,000.00 727.50	10,000.00 242.50	
Building	130,000	130,000	10,000.00 2,667.50	10,000.00 2,182.50	10,000.00 1,697.50	10,000.00 1,212.50	10,000.00 727.50	10,000.00 242.50	
<b>TOTALS</b>	<b>\$2,201,000</b>	<b>\$1,337,000</b>	<b>\$107,735.00</b>	<b>\$103,145.00</b>	<b>\$83,940.00</b>	<b>\$80,120.00</b>	<b>\$76,300.00</b>	<b>\$53,050.00</b>	<b>\$30,855.00</b>

## REPORT OF THE FINANCE COMMITTEE

The voters of the District might find it helpful to know the relationship of receipts and expenditures in the budget.

The estimated expenditures are the amounts that the Commissioners feel are necessary to operate the District for the fiscal year July 1, 1979 through June 30, 1980. These amounts must be met by:

1. Estimated receipts.
2. An appropriation from surplus revenue.
3. If estimated receipts and surplus revenue are not sufficient,
  - (a) by an increase in the water rates, or
  - (b) by an inclusion of any amount needed in the general tax levy of the town.

The proposed budget for the fiscal year ending June 30, 1980 anticipates estimated expenditures to exceed estimated receipts by \$18,092.50. These receipts may not, without special permission of the Department of Revenue, exceed the previous year's actual receipts. So in a sense, the Commissioners contend with the situation of meeting increased costs for the coming year with last year's revenues. Again it will be necessary to appropriate from surplus revenue to balance the budget for fiscal year ending June 30, 1980.

As noted in the Commissioners' Report they have recommended a rate increase to help balance this year's budget. The Finance Committee will review the recommendation and express our opinion regarding the rate increase at the Annual Meeting.

The Water District has earned \$9,732.93 during the year ended December 31, 1978 from invested free cash. These earnings will be included in the surplus revenue of the District. It is our intention to finance capital items from these earnings whenever possible.

We would like to thank all the members working for the Water District, especially Louise Murray, Accountant, our Clerk, Anita Page, and Steve Scribner, Superintendent, for their cooperation and efforts this past year.

RAYMOND L. PAGE  
CHARLES W. PAPPAS

Finance Committee

## REPORT OF THE SUPERINTENDENT

The following report covers the activities of the Water District for the calendar year 1978.

New house installations numbered 56.

Old service lines repaired or renewed numbered 38.

Old meters replaced with new outside readers numbered 60.

The water main extension on Newtown Rd. and Arlington St. has been completed, thus eliminating two (2) dead ends in the system. This also gives the system another crossing of Rt. 2 with a more direct flow from the new reservoir on Nagog Hill Rd. to the West Acton area.

The water main connection at Squirrel Hill Rd. to Ticonderoga Rd. will be completed in the spring.

Developers have installed water mains in the following streets and subdivisions:

Knowlton Drive  
Guswood Road  
Arborwood Road  
Torrington Lane

I would like to express my thanks to the Fire Department, Engineering Department and Highway Department, as well as all others who assisted us in any way during the year.

STEPHEN W. SCRIBNER

Superintendent

REPORT OF THE COLLECTOR

July 1, 1977 to July 1, 1978

Outstanding July 1, 1977	\$ 26,379.32	
Charges	478,104.28	
Refunds	<u>368.90</u>	\$504,852.50
Payments	\$482,690.62	
Abatements	2,653.45	
Outstanding	<u>19,508.43</u>	\$504,852.50

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July 1, 1978 to January 1, 1979

Outstanding July 1, 1978	\$ 19,508.43	
Charges	243,915.60	
Refunds	<u>129.57</u>	\$263,553.60
Payments	\$233,104.45	
Abatements	95.71	
Outstanding	<u>30,353.44</u>	\$263,553.60

STEPHEN G. PETERSON

Treasurer and Collector



## REPORT OF THE DISTRICT ACCOUNTANT

This portion of the report covers expenditures for the fiscal year 1977-1978 (July 1, 1977 - June 30, 1978).

Account	<u>Balance</u> 7-1-77	<u>Balance</u> 6-30-78
Reserve Fund	\$ 20,000.00	\$ 2,038.22
Group Insurance	5,200.00	
**	3,025.00	
Bonds & Interest	210,223.00	29,940.00
Salaries & Wages	119,300.00	16.23
Equipment Rental	1,500.00	
**	3,654.00	
Light, Power & Telephone	45,000.00	
**	4,232.61	
Fuel	1,500.00	25.76
Maintenance & Operation	35,000.00	11.40
Miscellaneous	3,000.00	35.41
Massachusetts State Audit	2,000.00	2,000.00
Land Survey	2,000.00	
Legal Expense	6,000.00	2,545.50
Land Appraisal	1,000.00	1,000.00
Engineering Expense	5,000.00	
**	6,909.00	
Insurance	7,000.00	89.00
Meters	7,500.00	4.75
Auto & Equipment Expense	6,500.00	
**	141.17	

(\*\* from Reserve Fund)

### Special Appropriations

School Street Well Building	2.87	2.87
Telemeter System	9,260.00	6,145.68
Conant Station Repairs	648.75	-0-
Harris Reservoir Repairs	10,122.00	3,712.00
Survey for New Water Supply	9,624.09	26,410.49
Radio Base Station	42.00	-0-
Standpipe (Great Hill)	239.00	239.00
Great Rd. 2A-119 Extension	745.29	745.29
Kinsley Reservoir	16,233.46	11,788.53
Erickson Well - Mass. Ave.	589.32	589.32
Mohawk Drive Extension	2,588.90	990.73
New Truck - 1977	9,458.00	-0-
Hammond Street Extension	15,010.21	1,833.27

The appropriations voted by the District, March 8, 1978 cover the period July 1, 1978 - June 30, 1979. Below are listed expenditures for the first six months of this period.

<u>Account</u>	<u>Appropriations for 78-79</u>	<u>Balance 12-31-78</u>
Reserve Fund	\$ 20,000.00	\$ 20,000.00
Group Insurance	9,500.00	5,787.49
Bonds & Interest	201,765.00	51,014.91
Salaries & Wages	127,500.00	62,025.50
Equipment Rental	1,750.00	1,560.00
Lights, Power & Telephone	48,000.00	21,222.68
Fuel	2,000.00	1,801.73
Maintenance & Operation	38,000.00	19,980.60
Miscellaneous	3,000.00	1,304.06
Massachusetts State Audit	2,000.00	229.52
Land Survey	2,000.00	2,000.00
Legal Expenses	6,000.00	3,280.00
Land Appraisal	1,000.00	1,000.00
Engineering Expenses	5,000.00	2,511.00
Insurance	8,500.00	4,409.89
Meters	6,000.00	4,077.69
Auto & Equipment Expense	7,500.00	4,217.99

Special Appropriations

Survey for New Water Supply	\$ 26,410.49	\$ 12,187.32
Standpipe (Great Hill)	239.00	239.00
Great Rd. 2A-119 Extension	745.29	745.29
Kinsley Reservoir - Nagog Hill	11,788.53	11,788.53
Erickson Well - Mass. Avenue	589.52	589.52
Harris Reservoir Repairs	3,712.00	3,712.00
Hammond Street Extension	1,833.27	28,415.08

LOUISE F. MURRAY

Accountant

REPORT OF THE TREASURER

July 1, 1977 to June 30, 1978

CHECKING ACCOUNTS

Middlesex Bank, Balance July 1, 1977	\$ 1,264.96
Transferred from savings account	126,106.13
Deposits	491,705.02
Adjustments	11,806.05
Total	<u>\$630,882.16</u>

Disbursements	\$493,341.85
Insufficient Funds	665.51
Transferred to savings	136,005.67
Balance June 30, 1978	<u>\$ 869.13</u>

July 1, 1978 to Dec. 31, 1978

Middlesex Bank, Balance June 30, 1978	\$ 869.13
Transferred from savings account	111,800.00
Deposits	267,839.85
Total	<u>\$380,508.98</u>

Disbursements	\$300,591.47
Insufficient Funds	360.63
Adjustments	11,806.05
Transferred to savings account	72,700.00
Balance Dec. 31, 1978	<u>\$ 4,949.17</u>

July 1, 1977 to June 30, 1978

National Shawmut Bank, Balance July 1, 1977	\$ 441.37
Deposits	100,116.67
Disbursements	99,562.16
Balance June 30, 1978	<u>\$ 995.88</u>

June 30, 1978 to Dec. 31, 1978

Balance June 30, 1978	\$ 995.88
Transferred from savings account	14,956.00
Deposits	250,716.50
Total	<u>\$266,668.38</u>

Disbursements	\$156,682.80
Transferred to savings account	109,000.00
Total	<u>\$265,682.80</u>
Balance Dec. 31, 1978	\$ 985.58

REPORT OF THE TREASURER

BONDS AND NOTES

Bonds Outstanding July 1, 1977	\$1,274,250.00
Bonds Paid July 1, 1977-July 1, 1978	<u>144,000.00</u>
Bonds Outstanding July 1, 1978	\$1,130,250.00
New Bonds October 1978	\$ 350,000.00
Bonds Paid July 1, 1978-Dec. 31, 1978	<u>120,250.00</u>
Bonds Outstanding Dec. 31, 1978	\$1,360,000.00

INVESTED FUNDS

Assabet Savings Bank, balance 6-30-78	\$ 44,337.62
Deposits	-
Interest	1,398.23
Balance 12-31-78	\$45,735.85
Leader Federal Savings, balance 6-30-78	\$ 39,855.26
Deposits	-
Interest	1,263.43
Withdrawal	-
Balance 12-31-78	\$41,118.69
Middlesex Institution for Savings, balance 6-30-78	\$ 2,230.22
Deposits	-
Interest	70.02
Withdrawal	-
Balance 12-31-78	\$ 2,300.24
Reliance Cooperative Bank, balance 6-30-78	\$ 35,987.70
Deposits	-
Interest	953.48
Withdrawal	-
Balance 12-31-78	\$36,941.18
Baybank Middlesex, balance 6-30-78	\$ 57,936.86
Deposits	72,700.00
Interest	940.35
Withdrawal	<u>111,800.00</u>
Balance 12-31-78	\$19,777.21

National Shawmut Bank, balance 11-1-78	\$	-
Deposits		109,000.00
Interest		675.34
Withdrawal		14,956.00
Balance 12-31-78	\$94,719.34	
Assabet Savings Bank, balance 7-1-77	\$	42,226.26
Deposits		-
Interest		2,111.36
Withdrawal		-
Balance 6-30-78	\$44,337.62	
Leader Federal Savings, balance 7-1-77	\$	37,960.49
Deposits		-
Interest		1,894.77
Withdrawal		-
Balance 6-30-78	\$39,855.26	
Middlesex Institution for Savings, balance 7-1-77	\$	12,078.59
Deposits		-
Interest		651.53
Withdrawal		10,500.00
Balance 6-30-78	\$ 2,230.22	
Reliance Cooperative Bank, balance 7-1-77	\$	34,158.80
Deposits		-
Interest		1,828.90
Withdrawal		-
Balance 6-30-78	\$35,987.70	
Baybank Middlesex, balance 7-1-77	\$	36,155.56
Deposits		136,000.00
Interest		1,381.30
Withdrawal		115,600.00
Balance 6-30-78	\$57,936.86	

STEPHEN G. PETERSON

Treasurer

WATER MEETING

Abstract of the proceedings of the annual election of officers of the Water Supply District of Acton, held on

MONDAY, MARCH 6, 1978

at the Whitcomb Station of the Water Supply District, Massachusetts Avenue (Route 111), West Acton. (Polls open from noon to 8 P.M.).

Total number of ballots cast: 34

The following were elected:

Commissioner for 3 years:  
Alvin R. Piper, Sr. 34

Moderator for 1 year:  
Frederick H. Bubier 34

Clerk for 1 year:  
Anita E. Page 33

A true copy.

Attest:

ANITA E. PAGE

District Clerk

WATER MEETING

Abstract of the proceedings of the annual meeting of the Water Supply District of Acton, held in Acton-Boxborough Regional High School Auditorium, Hayward and Charter Roads, West Acton,

WEDNESDAY, MARCH 15, 1978, at 7:30 o'clock P.M.

ARTICLE 1. VOTED: To fix the salaries of the elected officers as follows:

Chairman of Commissioners	\$800.00 per year
Two (2) Commissioners	600.00 each per year
Moderator	25.00 per meeting
Clerk	600.00 per year

(Unanimous vote)

ARTICLE 2. VOTED: To accept the reports of the District Officers as presented in the 1977 annual report.  
(Unanimous vote)

ARTICLE 3. VOTED: That the District authorize the Treasurer, with the approval of the Commissioners, to borrow in anticipation of the revenue for the fiscal year beginning July 1, 1978, in accordance with provisions of General Laws, Chapter 44, Section 4, and to renew any note or notes as may be given for a period of less than one year, in accordance with the provisions of General Laws, Chapter 44, Section 17. (Unanimous vote)

ARTICLE 4. VOTED: To instruct the Commissioners to have an audit of the various accounts of the District under the direction of the Commonwealth of Massachusetts.  
(Unanimous vote)

ARTICLE 5. VOTED: To appropriate from estimated receipts of the District the sum of \$480,860.00, and from free cash the sum of \$18,863.00 for maintenance and operation of the District, and specific appropriations as follows:

Group Insurance	\$ 9,500.00
Bonds & Interest	201,765.00
Salaries & Wages	127,500.00
Equipment Rental	1,750.00
Lights, Power & Telephone	48,000.00

Fuel	2,000.00
Maintenance & Operation	38,000.00
Miscellaneous	3,000.00
Middlesex County Retirement	10,208.00
Massachusetts State Audit	2,000.00
Land Survey	2,000.00
Legal Expenses	6,000.00
Land Appraisal	1,000.00
Engineering Expense	5,000.00
Insurance	8,500.00
Meters	6,000.00
Auto & Equipment Expense	7,500.00
Reserve Fund	<u>20,000.00</u>

Total \$499,723.00  
(Unanimous vote)

ARTICLE 6. VOTED: That the District authorize the Commissioners to enter into a written agreement with Assabet Sand & Gravel Company, Inc., a Massachusetts corporation having a usual place of business in Acton, Massachusetts, regarding the removal of overburden and required landscaping incident thereto on land owned by the District located off Powder Mill Road and New High Street in said Acton, and subject to the terms and conditions of a permit from the Acton Board of Appeals, if applicable.

Said agreement to be in effect until the next annual meeting and subject to the prior approval of the Department of Public Health, Commonwealth of Massachusetts. Said agreement shall also contain whatever terms, restrictions, conditions or limitations the District or Board of Selectmen, or both, deem necessary to protect the interests of the District and the Town. The District is to be reimbursed by Assabet Sand & Gravel Company, Inc., under the terms of said agreement. (Unanimous vote)

ARTICLE 7. VOTED: That the Commissioners be authorized to construct a "Butler" type building containing a garage and office-conference rooms on land owned by the District at 693 Massachusetts Avenue, and that the District raise and appropriate the sum of \$130,000.00 to complete such work, and to authorize the Treasurer, with the approval of the Commissioners, to borrow the sum of \$130,000. under authority of Chapter 44, Section 7, Subsection 3 of the General Laws, as amended. (Unanimous vote)

ARTICLE 8. VOTED: That the District rescind the action taken under Article 9, as described in the Warrant for the Annual Meeting of the District of March 16, 1977. (Unanimous vote)



ARTICLE 9. VOTED: That the District authorize the Commissioners to transfer from surplus revenue the sum of \$20,000.00 to the "Survey for New Water Supply" account. (Unanimous vote)

ARTICLE 10. VOTED: That the District raise and appropriate the sum of \$75,000.00 to install a 10 inch water main on Newtown Road, together with hydrants and necessary fittings, a distance of about 1200 feet from the end of the existing main on Newtown Road to Arlington Street and thence a distance of about 1000 feet on Arlington Street; and to authorize the Treasurer, with the approval of the Commissioners, to borrow the sum of \$75,000.00 under authority of Chapter 44, Section 8, Subsection 5 of the General Laws, as amended. (Unanimous vote)

ARTICLE 11. VOTED: That the District authorize the Commissioners to acquire by purchase, or to take by eminent domain, for water supply purposes and for the use and improvement of the distribution system, a 40 feet wide easement on a certain parcel of land at the end of Squirrel Hill Road, West Acton, Mass., and abutting land owned by the District which was acquired under Article 8, as described in the Warrant for the Annual Meeting of the District of March 16, 1977. Said parcel is described as Parcel "X" on a plan entitled, "Plan of Land in Acton, Mass., dated February 6, 1978, Water Main Easement, Squirrel Hill Road", and owned by Colonial Realty Trust, Paul J. Sweeney, Trustee, which contains 3,818 square feet. Said easement is for the purpose of installing, repairing, improving, maintaining, altering, constructing, and operating of water mains, hydrants, pipes and conduits and the like in, into, upon, over, across, and under said Parcel "X". And to transfer from surplus revenue the sum of \$1,800.00 for the acquisition of same. (Unanimous vote)

ARTICLE 12. VOTED: That the District install an 8 inch water main, together with hydrants and necessary fittings, from the end of the existing main on Ticonderoga Road over land owned by the District to the end of the existing water main at the intersection of Highland Road and Squirrel Hill Road, a distance of about 700 feet, more or less, and authorize the Commissioners to transfer from surplus revenue the sum of \$25,000.00 for payment of said extension. (Unanimous vote)

Voted to adjourn: 8:15 P.M.

A true copy.

Attest:

ANITA E. PAGE  
District Clerk

## BYLAWS

(as adopted and amended to February, 1973)

- I The annual meeting of the Water Supply District shall be held on the third Wednesday of March of each year for the transaction of the necessary business connected with the District, and the election of officers shall be held on the first Monday of March of each year. The time and place of holding such election and vote shall be stated in the warrant for the annual meeting and such election and vote shall be deemed part of the Annual District Meeting.
- II All meetings may be called by a majority of the Board of Water Commissioners, directed to the Clerk, or as specified in Chapter 326 of the Acts of 1912, Section 8.
- III All warrants shall be posted at least fourteen (14) days before the time of the meeting.
- IV The Clerk shall preside at each meeting until a Moderator is chosen.
- V At each annual meeting there shall be elected by ballot, one Commissioner for a term of three years, a Clerk and a Moderator who shall serve for one year.
- VI If a vacancy should occur for any cause in the office of Clerk, Treasurer, or any other officer of the District except the Board of Water Commissioners, it may be filled for any such unexpired term by the Water Commissioners.
- VII The Board of Commissioners shall annually in the report to the District, give an estimated budget for the ensuing year.
- VIII
  - a) The Moderator shall appoint a Finance Committee to advise the Commissioners. The Committee shall consist of three voters of the District and shall be appointed in the following manner:
    - One member shall be appointed for one year;
    - One member shall be appointed for two years; and
    - One member shall be appointed for a term of three years.Thereafter, each appointment shall be for a term of three years.
  - b) No member of the Finance Committee shall serve any other standing committee of the District or the Town of Acton having to do with expenditure of funds.
  - c) The Finance Committee shall review the budget for the annual meeting and shall make recommendations to the Commissioners on any matters of a financial nature arising out of an annual or special meeting, and shall make recommendations as to the long range fiscal plans of the District.
- IX The Commissioners shall appoint annually a Treasurer-Collector which office shall have all the powers and duties conferred by law upon a collector of taxes and district treasurer.

BYLAWS TO REGULATE THE NOMINATION AND  
ELECTION OF OFFICERS OF THE DISTRICT

- I The purpose of the Bylaws hereinafter set forth are to regulate the nomination and election of officers for the District so that the voters of the District may have knowledge of the candidates prior to an election.
- II All elections to any office in the District shall be by means of a printed ballot. This ballot shall be caused to be printed by the Commissioners acting as election officers from information furnished to them by the Clerk of the District as provided hereinafter.
- III No person's name shall be printed on the aforesaid ballot unless he or someone on his behalf has filed with the Clerk of the District not later than five o'clock in the afternoon of the second Monday in January of any year, a petition signed by at least one percent (1%) of the registered voters in the District setting forth the office for which he is a candidate and containing a statement signed by the candidate that he will accept the office, if elected.
- IV Nothing herein shall be construed as preventing a vote by stickers or writing in the name of a candidate, all as provided in the General Laws, except that no such sticker or write-in candidate shall be deemed to be elected unless he has received valid votes equivalent to 1% of the total of the number of registered voters in the District, as hereinafter determined.
- V The Commissioners, acting as election officers, shall prepare as of twenty (20) days prior to the annual election, a list of eligible voters from the official voting list of the Town of Acton as of that time. This list shall remain closed until after the annual meeting of the District. The list shall then be reviewed and revised for all subsequent special meetings, up to the day of the special meeting. These lists shall then be used to determine the right of any person to vote at any election or any meeting of the District.
- VI All candidates elected to offices in the District shall be sworn to the performance of their duties by the Clerk of the District, except in the case of the Clerk, who shall be sworn by any of the Commissioners. The Clerk shall make a record of the facts in the minutes of the meeting.

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