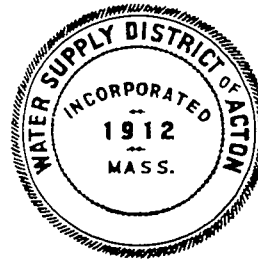


**ANNUAL REPORT**  
OF THE  
**WATER SUPPLY DISTRICT**  
OF  
ACTON, MASSACHUSETTS



*For the Year Ending December Thirty-first*

**1981**

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## ORGANIZATION - 1981

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### Water Commissioners

Harry B. Morse	Term expires 1982
William P. Walsh	Term expires 1983
Alvin R. Piper	Term expires 1984

### Moderator

Richard P. O'Brien	Term expires 1982
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### Clerk

Anita E. Page	Term expires 1982
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### Finance Committee

Kevin B. Sweeney	Term expires 1982
Raymond Parshall	Term expires 1983
Charles W. Pappas	Term expires 1984

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*Commissioners meet on second and fourth Tuesday of the month  
Whitcomb Station, 693 Massachusetts Avenue, Acton  
7:30 P.M.*

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### Appointment by the Water Commissioners

#### District Manager

John E. MacLeod	Term expires 1982
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#### Treasurer and Collector

Stephen G. Peterson	Term expires 1982
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#### Accountant

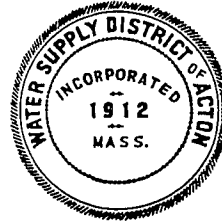
Raymond L. Page	Term expires 1982
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#### Attorney

Charles E. Orcutt, Jr.	Term expires 1982
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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 their precinct:

- Precinct 1 - Clubhouse, Nagog Woods
- Precinct 2 - Center Fire Station
- Precinct 3 - Douglas School - Elm Street
- Precinct 4 - Conant School - Taylor Road
- Precinct 5 - Fire Station - West Acton
- Precinct 6 - Fire Station - South Acton

on MONDAY, APRIL 5, 1982

between 7 o'clock A.M. and 8 o'clock P.M.

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.

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

Acton-Boxborough Regional High School Auditorium  
Charter Road at Hayward Road, West Acton  
on WEDNESDAY, MARCH 17, 1982

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, 1982, in accordance with the 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 amounts 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 lease not to exceed three (3) years with Bay State Explosives Company, Inc., a Massachusetts corporation having a usual place of business in Acton, Massachusetts, for the purpose of continued use of three magazines for the storage of explosives 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 issued by the Town of Acton, or to take any other action relative thereto. (Submitted at the request of Bay State Explosives Company, Inc.)

ARTICLE 7. To see if the District will vote to transfer from surplus revenue, or to borrow under Chapter 44 of the General Laws, or to raise and appropriate a certain sum of money for the purchase of a new vehicle with a two way radio, and to authorize the Commissioners to trade or sell the 1976 Dodge van, or to take any other action relative thereto.

ARTICLE 8. To see if the District will vote to accept Chapter 40, Section 4G of the Massachusetts General Laws entitled, "Advertising Municipal Contracts Prior To Award", and further to take all acts necessary and relative thereto.

Chapter 40, Section 4G allows districts and towns accepting its provisions to eliminate the bidding requirements in contracts of \$4,000.00, or less.

ARTICLE 9. To see if the District will vote to appropriate a sum of money to purchase or take by eminent domain, or otherwise acquire, the fee in the following land for water supply and water system protection purposes:

A certain parcel of and owned now or formerly by Kennedy Land Corporation, a Massachusetts Corporation having its usual place of business in Lincoln, Massachusetts, located on the Westerly side of Main Street in said Acton, and being shown as Parcels 1, containing 64.2 acres and Parcel 2, containing 18,600 square feet, on a plan prepared for the Water Supply District of Acton by Fleming, Bienvenu & Associates, Land Surveyors, North Billerica, dated February, 1982;

and to determine whether this appropriation shall be raised by borrowing or otherwise, or to take any other action relative thereto.

ARTICLE 10. To see if the District will vote to appropriate a sum of money to purchase or take by eminent domain, or otherwise acquire, a fee or easement in the following land for water supply and water system protection purposes:

Three certain parcels of land owned now or formerly by the Nashoba Sportsman's Club, Inc., a Massachusetts corporation having its usual place of business in Acton, located off the Westerly side of Main Street in said Acton, and being shown as Parcel 3, containing 2.5 acres and Parcel 4, containing 2.1 acres and Parcel 5, containing 6.7 acres, on a plan prepared for the Water Supply District of Acton by Fleming, Bienvenu & Associates, Land Surveyors, North Billerica, dated February, 1982;

and to determine whether this appropriation shall be raised by borrowing or otherwise, or to take any other action relative thereto.

ARTICLE 11. To see if the District will vote to authorize the Treasurer with the approval of the Commissioners to transfer from surplus revenue the sum of \$1,000.00 to cover expenses, including but not limited to printing, graphics and secretarial services, incurred by the Land-Water Management Advisory Committee, or to take any other action relative thereto. (Submitted by the Water District Land-Water Management Advisory Committee.)

ARTICLE 12. To see if the District will authorize the Commissioners to conduct a water treatment study of the Assabet Well #1, located in South Acton, with the resultant treated water pumped into the water system if the quality meets the criteria established by Water Commissioners; and to raise and appropriate or to transfer from any available source, or to borrow under authority of Chapter 44 of the General Laws, as amended, a certain sum of money for said purposes, or to take any other action related thereto. (Submitted by the Water District Land-Water Management Advisory Committee.)

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 9th day of February, in the year one thousand nine hundred and eighty-two.

ALVIN R. PIPER  
HARRY B. MORSE  
WILLIAM P. WALSH  
*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:

Problems are constant, but we feel confident that we have them under control. These are of prime importance:

1. W.R. Grace / Assabet 1 & 2
2. Development of North Acton
3. Geohydrological Study
4. Testing
5. Conservation

Our attorneys are progressing with the lawsuit. Looks encouraging.

The Acton Selectmen, Town Manager and Board of Health have been most cooperative, particularly in the initial stages of the North Acton area. Some early reports from Goldberg, Zoino indicate specific directions that we must travel. This is money well spent. Although testing is very expensive we continue to monitor every usable well. Your Water Commissioners are committed to provide the District with acceptable water and are determined to find and produce an adequate supply. Not to have water for vegetable gardens, to water lawns and shrubs, and wash the family car makes living more difficult. We are looking forward to the time when it will not be necessary to limit the use of our product.

The Advisory Committee has been initiated and are deeply involved in the subject of water treatment. It is obvious to the Commissioners that this committee will be most helpful. Those who selected and appointed these dedicated residents are to be complimented. We expect to have one or two articles on the annual warrant relating to water treatment. We request that you support all water treatment articles.

We still encourage conservation and strongly suggest that you continue to practice the same. On this note we want to thank the League of Women Voters for their support and dedication on this subject. Our joint venture was not only practical but very successful.

We have restructured the day to day operations by creating a new and very important position. Because of the heavy load of business and the endless demands of the Superintendent we realized that we needed additional assistance and therefore created the new position of District Manager. Our department will now be more adequate and able to respond more quickly to the demands placed upon it. Each new year presents more problems and requirements, and we must keep abreast of them all.

We want to say a special thank you to Harry Morse for his service to the District over these past years. Harry, you will be missed — and Thank You, Sincerely.

Our bi-monthly meetings have been very busy and to all of you who have attended and offered suggestions and criticism, We Thank You.

We want to express our appreciation to all the Boards and Departments in Town who were so helpful to us this past year.

ALVIN R. PIPER, SR., *Chairman*  
HARRY B. MORSE  
WILLIAM P. WALSH  
*Water Commissioners*



## WATER - LAND MANAGEMENT ADVISORY COMMITTEE

At the annual meeting of the District, held on March 18, 1981, the voters unanimously approved Article 18 which provided for the formation of a Water - Land Management Advisory Committee to assist the Commissioners "on matters relating to water and land management policies of the District." The article provided for five members to be appointed as follows:

Two members to be appointed by the Commissioners for a term of 3 years.

Two members to be appointed by the Moderator for a term of 2 years.

One member to be appointed by the Selectmen for a term of 1 year.

Appointments were made as follows:

Commissioners . . . . . Basil A. Bonk, 11 Jefferson Drive, Acton  
Sarah Madison, 16 Brucewood Road, Acton

Moderator . . . . . Frederick H. Bubier, 23 Seneca Road, Acton  
Joseph Lauzon, 13 Putter Drive, Acton

Selectmen . . . . . Ronald R. Parenti, 12 Heritage Road, Acton

Under direction of the Moderator, the Committee elected Frederick H. Bubier as Chairman and Joseph Lauzon as Vice-Chairman. In discussions with the Commissioners, the Committee decided that the top areas to be studied are as follows, in order of priority:

Water Treatment  
Variable Water Rates  
Conservation  
Future Development Plans.

# 1982 - 1983 BUDGET

Group Insurance . . . . .	\$ 13,000.00
Bonds & Interest . . . . .	337,606.00
Salaries & Wages . . . . .	196,000.00
Equipment Rental . . . . .	2,000.00
Lights, Power & Telephone . . . . .	100,000.00
Fuel . . . . .	4,000.00
Maintenance & Operation . . . . .	55,000.00
Postage . . . . .	4,000.00
Miscellaneous . . . . .	1,000.00
Middlesex County Retirement . . . . .	19,500.00
Massachusetts State Audit. . . . .	3,500.00
Land Survey . . . . .	3,000.00
Legal & Accountant. . . . .	18,000.00
Land Appraisal . . . . .	3,000.00
Engineering Expense . . . . .	15,000.00
Insurance . . . . .	14,500.00
Meters . . . . .	6,000.00
Auto & Equipment Expense . . . . .	15,000.00
Reserve Fund . . . . .	25,000.00
Office Expense . . . . .	2,500.00
Laboratory Analysis. . . . .	5,000.00
Survey New Water . . . . .	5,000.00
Special Legal Expense . . . . .	75,000.00
Educational Expense . . . . .	5,000.00
Permanent Paving . . . . .	5,000.00
<b>TOTAL BUDGET</b>	<b>\$932,606.00</b>

## ESTIMATED RECEIPTS

Hydrants . . . . .	\$ 51,500.00
Water Rates . . . . .	750,000.00
Sprinklers . . . . .	8,625.00
Repairs & New Installations. . . . .	15,000.00
Contract - Community Concepts . . . . .	25,080.00
<b>TOTAL RECEIPTS</b>	<b>\$850,205.00</b>

ALVIN R. PIPER  
HARRY B. MORSE  
WILLIAM P. WALSH  
*Water Commissioners*

WATER SUPPLY DISTRICT  
OF  
ACTON, MASSACHUSETTS

AMORTIZATION SCHEDULE - BONDS AND INTEREST

	<u>Original Amount</u>	<u>Balance 7/1/82</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>
Community Concepts	300,000.	30,000.	\$ 30,000.00 675.00			
Flagg Hill Reservoir	200,000.	20,000.	10,000.00 480.00	\$ 10,000.00 160.00		
Water Mains	196,000.	36,000.	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.	330,000.	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.	210,000.	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.	160,000.	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.	100,000.	10,000.00 4,607.50	10,000.00 4,122.50	10,000.00 3,637.50	10,000.00 3,152.50
TOTALS	\$1,971,000.	\$886,000.	\$179,141.00	\$142,946.00	\$127,586.00	\$118,508.00
Anticipated New Bonds and Interest	850,000.	825,000. 850,000.	60,715.00 97,750.00			
			\$337,606.00			

WATER SUPPLY DISTRICT  
OF  
ACTON, MASSACHUSETTS

AMORTIZATION SCHEDULE – BONDS AND INTEREST (CONTINUED)

10

	<u>Original Amount</u>	<u>Balance 7/1/82</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>
Community Concepts	300,000.	30,000.							
Flagg Hill Reservoir	200,000.	20,000.							
Water Mains	196,000.	36,000.							
Nagog Hill Reservoir	540,000.	330,000.	\$ 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.	210,000.	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.	160,000.	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.	100,000.	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	
TOTALS	\$1,971,000.	\$886,000.	\$107,735.00	\$103,145.00	\$83,940.00	\$80,120.00	\$76,300.00	\$53,050.00	\$30,855.00

## REPORT OF THE DISTRICT MANAGER

### TO THE BOARD OF WATER COMMISSIONERS:

The following report covers the activities of the District for 1981.

New house installations . . . . .	32
Old service lines repaired or renewed . . . . .	26
Old meters repaired with new ones . . . . .	35
Hydrants damaged and repaired . . . . .	14
Water main breaks and service lines . . . . .	18
Old fire hydrants changed to new ones . . . . .	9

A new main was installed by the District around a new culvert on River Street.

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

Nagog Woods Industrial Park Extension  
Wampanoag Hill Road  
Heather Hill Road  
Tenny Circle

During the course of the year, the District completed installing a booster pump tie-in with the town of Concord for emergencies.

The District has increased its pumping capacity by about 20% during the year through maintenance to existing wells. Also, in the year 1981, the District ran into possible contamination problems of its new potential supply in North Acton. A lot of research was done to correct it and the District hopes to pursue it for a future water supply. The District is also studying treatment of Acton's water to insure health and safety to its water takers.

Several District employees have completed courses at Lowell University and some sponsored by the State. They are also continuing their studies currently.

I would like to express my sincere thanks to the Board of Selectmen, Town Manager, Board of Health, Highway Department, Planning Board, School Department, Conservation Department, Acton Fire Department, League of Women Voters and ACES. Also, thanks to DEQE and the EPA and the Town of Maynard and all others who assisted us in many ways during the past year.

I would also like to thank the residents of Acton for their conservation efforts. Drought conditions are still predicted throughout the Northeast for the next few years. Hopefully, the situation will change if we all pitch in and use better conservation habits.

JOHN E. MacLEOD  
*District Manager*

# REPORT OF THE COLLECTOR

June 30, 1980 to June 30, 1981

Outstanding June 30, 1980	\$ 20,302.59	
Charges	813,381.13	
Refunds	<u>636.52</u>	
		\$834,320.24

Payments	\$798,942.47	
Abatements	1,139.46	
Outstandings June 30, 1981	<u>34,238.31</u>	
		\$834,320.24

June 30, 1981 to December 31, 1981

Outstanding June 30, 1981	\$ 34,238.31	
Charges	468,603.69	
Refunds	<u>823.28</u>	
		\$503,665.28

Payments	\$442,172.61	
Abatements	845.40	
Outstandings Dec. 31, 1981	<u>60,647.27</u>	
		\$503,665.28

STEPHEN G. PETERSON  
*Treasurer - Collector*

# REPORT OF THE DISTRICT ACCOUNTANT

This portion of the report covers expenditures for the fiscal year 1981  
(July 1, 1980 - June 30, 1981)

Account	Balance 7-1-80	Balance 6-30-81
Reserve Fund	\$ 25,000.00	\$ 115.76
Bonds & Interest	266,631.50	48,610.90
Salaries & Wages	150,000.00	
**	1,313.87	
Insurance	10,000.00	
Lights, Power & Telephone	65,000.00	631.12
Equipment Rental	2,000.00	42.00
Auto & Equipment Expense	14,000.00	1,824.38
Fuel	3,500.00	1,225.22
Maintenance & Operation	40,000.00	
**	21,273.65	
Miscellaneous	1,000.00	
**	651.31	
Meters	6,000.00	21.53
Legal Expense	10,000.00	
Special Legal Expense	50,000.00	
Land Survey	2,000.00	413.50
Land Appraisal	2,000.00	750.00
Engineering Expense	19,500.00	1,751.80
Massachusetts State Audit	3,645.00	3,645.00
Group Insurance	9,500.00	472.41
Mdx. County Retire. System	13,301.00	
Office Expense	2,000.00	37.19

(\*\* from Reserve Fund)

## SPECIAL APPROPRIATIONS

Account	Appropriations 7-1-81	Balance 6-30-81
Telemeter System	\$ 4,856.38	\$ 4,856.38
Survey for New Water	5,000.00	3,526.00
Standpipe (Great Hill)	239.00	239.00
Great Road (2A Ext.)	745.29	745.29
Kinsley Reservoir	11,788.53	
Erickson Well	589.52	589.52
Harris Reservoir	3,712.00	3,712.00
Hammond St. Extension	6,081.64	
Mohawk Drive Extension	990.73	990.73
Ticonderoga Road Extension	4,894.02	4,894.02
Newton Road	11,107.18	

Account	Appropriations 7-1-81	Balance 6-30-81
New Building	101.74	101.74
Housing for Elderly	4,649.81	2,278.18
Taylor Road	1,273.31	1,273.31
Hayward Road	2,000.00	2,000.00
Laboratory Analysis	5,000.00	2,641.24
Hydro Study	100,000.00	6,558.74
Concord Tie-in	30,000.00	8,266.31
Mabel Jenks Land	42,000.00	
Sand & Gravel Study Comm.	500.00	401.00
Backhoe	29,529.00	
New Lawsbrook Well Field		28,977.35
Master Plan Update	5,000.00	5,000.00

The appropriations voted by the District March 19, 1981 cover the period July 1, 1981 to June 30, 1982. Below are listed expenditures for the first six months of this period.

Account	Appropriations for 1981-1982	Balance 12-30-81
Reserve Fund	\$ 25,000.00	\$ 22,500.00
Bonds & Interest	297,821.90	156,754.10
Salaries & Wages	175,000.00	88,980.05
Insurance	12,500.00	1,218.71
Light, Power & Telephone	106,000.00	73,874.50
Equipment Rental	2,000.00	1,765.00
Auto & Equipment Expense	17,000.00	12,658.37
Fuel	4,000.00	3,162.23
Maintenance & Operation	55,000.00	
**	40,000.00	26,286.64
Miscellaneous	1,000.00	575.00
Meters	6,000.00	1,519.19
Legal Expense	17,000.00	14,194.28
Special Legal Expense	75,000.00	15,959.36
Permanent Paving	5,000.00	3,410.18
Land Survey	3,000.00	
**	251.75	
Land Appraisal	3,000.00	3,000.00
Engineering Expense	15,000.00	10,081.00
Massachusetts State Audit	5,645.00	2,000.00
Educational Expense	5,000.00	3,269.88
Group Insurance	13,000.00	7,551.52
Mdx. County Retirement	17,300.00	9,816.50
Office Supplies	6,000.00	3,138.99

(\*\* from Reserve Fund)



# SPECIAL APPROPRIATIONS

Account	Appropriations for 1981-1982	Balance 12-31-81
Telemeter System	\$ 4,856.38	\$ 4,856.38
Survey for New Water	8,526.00	8,526.00
Standpipe (Great Hill)	239.00	239.00
Great Road (2A Ext.)	745.29	745.29
Erickson Well	589.52	589.52
Harris Reservoir	3,712.00	3,712.00
Mohawk Drive Extension	990.73	990.73
Ticonderoga Road	4,894.02	4,894.02
New Building	101.74	101.74
Housing for Elderly	2,278.18	2,278.18
Taylor Road	1,273.31	1,273.31
Hayward Road	2,000.00	2,000.00
Laboratory Analysis	7,641.24	3,839.24
Sand & Gravel Comm.	401.00	401.00
New Lawsbrook Well Field	164,977.35	120,909.35
Master Plan Update	5,000.00	5,000.00
Hydro Study	81,558.74	13,951.53
Concord Tie-in	8,266.31	7,236.06
New Truck	8,267.00	
LAWSbrook Grading & Sloping	20,000.00	4,200.00

RAYMOND PAGE  
District Accountant

# REPORT OF THE TREASURER

June 30, 1980 to June 30, 1981

## Checking Accounts

Baybank Middlesex, Balance June 30, 1980	\$ 843.22
Transferred from Savings Account	180,066.73
Deposits	807,287.56
Redeposits	2,415.96
Deductions	<u>38,450.90</u>
Total	\$1,029,064.37
Disbursements	\$ 681,159.47
Transfers	327,315.71
Insufficient Funds	<u>4,919.04</u>
Total	\$1,013,394.22
Balance June 30, 1981	\$ 15,670.15

July 1, 1981 to December 31, 1981

Baybank Middlesex, Balance June 30, 1981	\$ 15,670.15
Deposits	445,554.54
Transfers	288,814.87
Redeposits	3,355.12
Deductions	<u>22,341.88</u>
Total	\$ 775,736.56
Disbursements	\$ 593,734.03
Transfers	180,000.00
Insufficient Funds	<u>1,059.40</u>
Total	\$ 774,793.43
Balance December 31, 1981	\$ 943.13

June 30, 1980 to June 30, 1981

Shawmut Bank, Balance June 30, 1980	\$ 35.89
Transferred from Savings Account	<u>282,014.87</u>
Total	\$ 282,050.76
Disbursements	\$ 117,546.58
Transfers	<u>164,500.00</u>
Total	\$ 282,046.58
Balance June 30, 1981	\$ 4.18

June 30, 1981 to December 31, 1981

Shawmut Bank, Balance June 30, 1981	\$ 4.18
Transfers	184,225.00
Total	\$ 184,229.18
Disbursements	\$ 53,476.06
Transfers	129,814.87
Total	\$ 183,290.93
Balance December 31, 1981	\$ 938.25

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BANK INVESTED FUNDS

Baybank Middlesex, Balance June 30, 1980	\$ 6,024.44
Interest	7.79
Withdrawals	6,000.00
Balance June 30, 1981	\$ 32.23
Shawmut Bank, Balance June 30, 1980	\$ 25,109.96
Deposits	27,500.00
Interest	1,125.95
Withdrawals	53,500.00
Balance June 30, 1981	\$ 235.91
MMDT No. 1, Balance June 30, 1980	\$ 60,268.14
Deposits	317,000.00
Interest	11,650.97
Withdrawals	220,200.00
Balance June 30, 1981	\$168,719.11
MMDT No. 2, Balance June 30, 1980	\$ .00
Deposits	137,000.00
Interest	11,659.81
Withdrawals	42,000.00
Balance June 30, 1981	\$106,659.81
Total Interest 1981	\$ 24,444.52

# BANK INVESTED FUNDS

June 30, 1981 to December 31, 1981

Baybank Middlesex, Balance June 30, 1981	\$	32.23
Interest		.88
Balance December 31, 1981	\$	33.11
Shawmut Bank, Balance June 30, 1981	\$	235.91
Deposits		4,500.00
Interest		17.34
Balance December 31, 1981	\$	4,753.25
MMDT No. 1, Balance June 30, 1981	\$	168,719.11
Deposits		295,000.00
Interest		16,991.49
Withdrawals		82,125.00
Balance December 31, 1981	\$	398,585.60
MMDT No. 2, Balance June 30, 1981	\$	106,659.81
Deposits		—
Interest		6,783.35
Withdrawals		107,600.00
Balance December 31, 1981	\$	5,843.16
Total Interest 1981	\$	23,793.06

## WATER MEETING

Abstract of the proceedings of the Annual Meeting of the Water Supply District of Acton, held in the Acton-Boxborough Regional High School Auditorium, Charter Road, West Acton

WEDNESDAY, MARCH 18, 1981, at 7:30 P.M.

ARTICLE 1. VOTED: To fix the salaries of the District Officers as follows:  
Chairman of the Commissioners \$900.00 per year  
Two (2) Commissioners \$700.00 per year  
Moderator \$ 25.00 per meeting  
Clerk \$600.00 per year  
(Unanimous)

ARTICLE 2. VOTED: To accept the reports of the District Officers as presented in the 1980 annual report.  
(Unanimous)

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, 1981, in accordance with the 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)

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)

ARTICLE 5. VOTED: To appropriate from estimated receipts of the District the sum of \$824,011.00 for the maintenance and operation of the District, and specific appropriations as follows:

Estimated Expenditures	
Group Insurance . . . . .	\$ 13,000.00
Bonds and Interest . . . . .	249,211.00
Salaries & Wages . . . . .	175,000.00
Equipment Rental . . . . .	2,000.00
Lights, Power & Telephone . . . . .	106,000.00
Fuel . . . . .	4,000.00
Maintenance & Operation . . . . .	55,000.00
Miscellaneous . . . . .	1,000.00
Mdx. County Retirement . . . . .	17,300.00
Massachusetts State Audit . . . . .	2,000.00
Land Survey . . . . .	3,000.00
Legal & Accountant . . . . .	17,000.00
Land Appraisal . . . . .	3,000.00
Engineering Expense . . . . .	15,000.00

Insurance . . . . .	12,500.00
Meters . . . . .	6,000.00
Auto & Equipment Expense . . . . .	17,000.00
Reserve Fund . . . . .	25,000.00
Office Expense . . . . .	6,000.00
Laboratory Analysis . . . . .	5,000.00
Survey New Water . . . . .	5,000.00
Special Legal Expense . . . . .	75,000.00
Educational Expense . . . . .	5,000.00
Permanent Paving . . . . .	5,000.00

Total      \$824,011.00

(Unanimous)

ARTICLE 6. VOTED: That the District authorize the Commissioners to transfer from surplus revenue the sum of \$8,267.00 for the purchase of a new pick-up truck with a utility body, and to authorize the Commissioners to trade or sell the 1975 pick-up truck.

(Unanimous)

ARTICLE 7. VOTED: That the District authorize the Commissioners to transfer from surplus revenue the sum of \$29,529.00 to purchase a new combination backhoe and loader, and to authorize the Commissioners to trade or sell the 1969 backhoe and loader.

(Unanimous)

ARTICLE 8. VOTED: That the District take no action.

(Unanimous)

ARTICLE 9. VOTED: That the District take no action.

(Unanimous)

ARTICLE 10. VOTED: That the District take no action.

(Unanimous)

ARTICLE 11. VOTED: That the District amend Section One of the By-Laws of the District by deleting the words "... the first Monday of March ..." and substituting therefor the words "the first Monday of April".

(Yea 77 - Nae 26 Passed)

ARTICLE 12. VOTED: That the District amend Section Three of the By-Laws to Regulate the Nomination and Election of Officers of the District by deleting Section Three in its entirety and substituting therefor the following: No person's name shall be printed on the ballot unless he or someone on his behalf has submitted nomination papers signed by fifty registered voters of 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. Nomination papers of a candidate for office of the District shall be filed with the Clerk of the District in accordance with Chapter 53, Section 10 of the General Laws. Submission to the Registrar of Voters shall be in accordance with Chapter 41, Section 115 of the General Laws.

(Unanimous)

ARTICLE 13. VOTED: That the District amend the By-Laws to Regulate Nomination and Election of Officers of the District by adding a new section seven to read as follows: Section 7. Elections and Nominations of district officers shall be conducted in accordance with chapters fifty to fifty-six, inclusive, of the General Laws so far as applicable, except as otherwise provided in sections one hundred and fourteen to one hundred and seventeen of Chapter 41 of the General Laws, inclusive, and except as otherwise provided by the district by-law.  
(Unanimous)

ARTICLE 14. VOTED: That the District take no action.  
(Unanimous)

ARTICLE 15. VOTED: That the District amend the By-Laws by adding a new section ten which reads as follows: "Any person violating any order restricting water use imposed by vote of the Commissioners shall be fined not more than \$200.00 for each offense, which shall inure to the district for such uses as the Commissioners may direct. Fines shall be recovered by indictment or on a complaint before a district court, or by non-criminal disposition in accordance with section twenty-one D of Chapter 40 of the General Laws. Every day that such violation continues shall constitute a separate offense".  
(Yea 69 - Nae 26 Passed)

ARTICLE 16. VOTED: That the District authorize the Commissioners to enter into a written lease with Barclay Explosive Services, Inc., a Massachusetts corporation having a usual place of business in Acton, Massachusetts, or its successor, for the purpose of continued use of three magazines for the storage of explosives 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 issued by the Town of Acton, at an annual rental in the sum of \$1,800.00.  
(Yea 67 - Nae 8 Passed)

VOTED: To move to Article 19.  
(Unanimous)

ARTICLE 19. VOTED: That the District establish a moratorium on the removal of sand and gravel and other materials from land in use by the District for a period of two (2) years or until such time as the Water District hydrogeological study has been completed, whichever shall occur first.  
(Unanimous)

ARTICLE 17. VOTED: That the District adopt a new By-Law entitled "By-Law to Regulate the Removal and Sale of Sand and Gravel from Lands in District Use".

Section One. The purpose of this By-Law is to regulate the removal of sand and gravel on lands owned or leased by the district so as to promote safe and sound economic development, improvement and management of said land; and protect and preserve the purity of the water supply, wells and aquifers.

Section Two. The Commissioners shall fix a reasonable time for a public hearing on any proposal for removal and sale of sand and gravel from land in district

use. Notice of the public hearing shall be given at least two weeks prior to the hearing by publication of the time, place and purpose of the hearing in a local newspaper, and by mailing a copy of said notice to the owners of all property within five hundred (500) feet of the property line of the district land as they appear on the most recent applicable tax list. Included in the list of owners shall be abutters, owners of land directly opposite on any public or private street, and abutters to abutters within the five hundred (500) feet aforesaid.

The public hearing shall be held no later than 21 days prior to the business meeting of the district which includes an appropriate warrant article for action by voters of the district. Action by voters of the district on any article permitting the Commissioners to enter into a written contract for removal and/or sale of earth materials from lands of the district shall require a two-thirds vote. At the public hearing the Commissioners shall present evidence of the need for excavation, removal and/or sale of earth materials from district lands; the depth and limits of excavation; a site specific map of wetlands, limits of 100 year flood plain, vegetation, surface waters, topography (before and after), property lines and adjacent land uses; and estimation of high water table on the land.

Section Three. In entering into a written contract not to exceed one year, the Commissioners shall impose conditions and specifications including but not limited to the following:

- A. A detailed plan showing limits and phases of excavation.
- B. Specific and reasonable hours of operation, including truck arrival and departure.
- C. Required stockpiling of topsoil for use in restoration.
- D. Prohibition of excavation within 10 feet of the annual high water table.
- E. Prohibition of removal within 100 feet of property lines and existing public ways.
- F. Limitation of work faces to 10 vertical feet and requirement that all faces shall be broken down to their natural angle of repose at the end of each working day. Any existing non complying faces shall be reduced as fast as safety and practical engineering permit.
- G. Maintenance of natural vegetation on undisturbed land for screening and noise reduction purposes, and provision for dust suppression on the site.
- H. A requirement that restoration be carried on simultaneously with excavation, so that when any three acres operation area has been excavated, at least two acres shall be restored before work commences on the next contiguous three acres, so that at no time will more than four acres be unrestored.
- I. Provisions to grade slopes safely, loam and revegetate all disturbed areas.
- J. Removal of debris, stumps, boulders, etc. from the site and dispose of in an approved location or, in the case of inorganic matter, buried and covered with at least two feet of soil.
- K. A requirement that all retained subsoil and topsoil be spread over the disturbed area and seeded. Trees or shrubs of prescribed species will be planted to provide screening and reduce erosion during the establishment period.
- L. A requirement that final restoration work be completed within 60 days, weather permitting, after completion of excavation operations.
- M. A requirement of posting of surety bond, performance and payment bond or other adequate security to insure compliance with terms of the contract.



N. Regular inspection by the Commissioners or their agent at reasonable hours to insure that contract provisions are being adhered to, and provision for halting operations for any violation.  
O. Other appropriate conditions, limitations and safeguards as the Commissioners deem necessary for the protection of the public health, safety, convenience and welfare, and for the protection and preservation of the purity of the water.  
(Unanimous)

ARTICLE 18. VOTED: That the District amend the By-Laws by adding a new section eleven which reads as follows:

a) A five member Water-Land Management Advisory Committee is hereby established. Two members to be appointed by the Commissioners for a term of three years, two members to be appointed by the Moderator of the District for a term of two years, one member to be appointed by the Selectmen for a term of one year. Thereafter, each appointment shall be for a term of three years.

b) The Advisory Committee shall review and make recommendations to the Commissioners on matters relating to water and land management policies of the district and shall make recommendations to the Commissioners on any matters relating to agreement authorized under the "By-Law to Regulate the Removal and Sale of Sand and Gravel from Lands in District Use", and shall undertake such other tasks related to water and land management as the Commissioners deem appropriate.  
(Unanimous)

ARTICLE 20. VOTED: That the Commissioners be authorized to commence the grading and sloping of the Lawsbrook Sand Pit area in accordance with the plan adopted under Article 21 of the Warrant for the annual meeting, March 19, 1980: and to transfer from surplus revenue the sum of \$20,000.00 for the completion of said work.  
(Unanimous)

ARTICLE 21. VOTED: That the District take no action.  
(Unanimous)

RESOLUTION: Be it resolved that the implementation of Article 11 be carried out so as to result in combined precinct Water District/Town of Acton elections beginning in April 1982.

Voted to Adjourn: 10:15 P.M.

A true copy:

Attest:

ANITA E. PAGE  
*Clerk*

## WATER MEETING

Abstract of the proceedings of the Special Meeting of the Water Supply District of Acton, held in the Acton-Boxborough Regional High School Auditorium, Charter Road, West Acton

THURSDAY, OCTOBER 29, 1981, at 7:30 P.M.

ARTICLE 1. VOTED: That the District vote to authorize the Treasurer with the approval of the Commissioners to transfer from surplus revenue the sum of \$40,000.00 to the Maintenance and Operation Account.  
(Unanimous)

ARTICLE 2. VOTED: That the District take no action under this article.  
(Unanimous)

ARTICLE 3. VOTED: That the District take no action under this article.  
(Unanimous)

ARTICLE 4. VOTED: That the Commissioners be authorized to purchase or take by eminent domain the fee in the following described land for water supply and water supply protection purposes:

Two certain parcels of land located on the Westerly side of Great Road and the Easterly side of Main Street in Acton and being shown as Lot A, containing 1.48 acres, more or less and Lot B, containing 2.98 acres, more or less, on a plan entitled, "Land in Acton owned by Ralph P. Lapham and Ruth L. Boyd, dated May 22, 1964", Harlan E. Tuttle, Surveyor, and recorded in Middlesex South District Registry of Deeds as Plan No. 703 of 1964, recorded in Book 10556, Page End, subject to a pipeline easement of the Concord Water Works;

and that \$12,500.00 is appropriated for this land acquisition, and that to raise this appropriation the Treasurer with the approval of the Commissioners is authorized to transfer from surplus revenue the amount of \$12,500.00.  
(Unanimous)

Voted to Adjourn: 7:50 P.M.

A true copy:

Attest: ANITA E. PAGE  
Clerk

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 ballot unless he or someone on his behalf has submitted nomination papers signed by fifty registered voters of 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. Nomination papers of a candidate for office of the District shall be filed with the Clerk of the District in accordance with Chapter 53, Section 10 of the General Laws. Submission to the Registrar of Voters shall be in accordance with Chapter 41, Section 115 of the General Laws.
- 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.
- VII Elections and Nominations of district officers shall be conducted in accordance with chapters fifty to fifty-six, inclusive, of the General Laws so far as applicable, except as otherwise provided in sections one hundred and fourteen to one hundred and seventeen of Chapter 41 of the General Laws, inclusive, and except as otherwise provided by the district bylaw.

**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 election of officers shall be held on the first Monday of April 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.
- X Any person violating any order restricting water use imposed by vote of the Commissioners shall be fined not more than \$200.00 for each offense, which shall inure to the district for such uses as the Commissioners may direct. Fines shall be recovered by indictment or on a complaint before a district court, or by non-criminal disposition in accordance with section Twenty-one D of Chapter 40 of the General Laws. Every day that such violation continues shall constitute a separate offense.
- XI a) A five member Water - Land Management Advisory Committee is hereby established. Two members to be appointed by the Commissioners for a term of three years, two members to be appointed by the Moderator of the District for a term of two years, one member to be appointed by the Selectmen for a term of one year. Thereafter, each appointment shall be for a term of three years.  
  
b) The Advisory Committee shall review and make recommendations to the Commissioners on matters relating to water and land management policies of the district and shall make recommendations to the Commissioners on any matters relating to agreement authorized under the "Bylaw to Regulate the Removal of Sale of Sand and Gravel from Lands in District Use", and shall undertake such other tasks related to water and land management as the Commissioners deem appropriate.

#### NEW BY-LAW

"By-Law to Regulate the Removal and Sale of Sand and Gravel from Lands in District Use".

Section One. The purpose of this bylaw is to regulate the removal of sand and gravel on lands owned or leased by the district so as to promote safe and sound economic development, improvement and management of said land; and protect and preserve the purity of the water supply, wells and aquifers.

Section Two. The Commissioners shall fix a reasonable time for a public hearing on any proposal for removal and sale of sand and gravel from land in district use. Notice of the public hearing shall be given at least two weeks prior to the hearing by publication of the time, place and purpose of the hearing in a local newspaper, and by mailing a copy of said notice to the owners of all property within five hundred (500) feet of the property line of the district land as they appear on the most recent applicable tax list. Included in the list of owners shall be abutters, owners of land directly opposite on any public or private street, and abutters to abutters within the five hundred (500) feet aforesaid.

The public hearing shall be held no later than 21 days prior to the business meeting of the district which includes an appropriate warrant article for action by voters of the district. Action by voters of the district on any article permitting the Commissioners to enter into a written contract for removal and/or sale of earth materials from lands of the district shall require a two-thirds vote. At the public hearing the Commissioners shall present evidence of the need for excavation, removal and/or sale of earth materials from district lands; the depth and limits of excavation; a site specific map of wetlands, limits of 100 year flood plain, vegetation, surface waters, topography (before and after), property lines and adjacent land uses; and estimation of high water table on the land.

Section Three. In entering into a written contract not to exceed one year, the Commissioners shall impose conditions and specifications including but not limited to the following:

- A. A detailed plan showing limits and phases of excavation.
- B. Specific and reasonable hours of operation, including truck arrival and departure.
- C. Required stockpiling of topsoil for use in restoration.
- D. Prohibition of excavation within 10 feet of the annual high water table.
- E. Prohibition of removal within 100 feet of property lines and existing public ways.
- F. Limitation of work faces to 10 vertical feet and requirement that all faces shall be broken down to their natural angle of repose at the end of each working day. Any existing non complying faces shall be reduced as fast as safety and practical engineering permit.
- G. Maintenance of natural vegetation on undisturbed land for screening and noise reduction purposes, and provision for dust suppression on the site.
- H. A requirement that restoration be carried on simultaneously with excavation, so that when any three acres operation area has been excavated, at least two acres shall be restored before work commences on the next contiguous three acres, so that at no time will more than four acres be unrestored.
- I. Provisions to grade slopes safely, loam and revegetate all disturbed areas.
- J. Removal of debris, stumps, boulders, etc. from the site and dispose of in an approved location or, in the case of inorganic matter, buried and covered with at least two feet of soil.
- K. A requirement that all retained subsoil and topsoil be spread over the disturbed area and seeded. Trees or shrubs of prescribed species will be planted to provide screening and reduce erosion during the establishment period.
- L. A requirement that final restoration work be completed within 60 days, weather permitting, after completion of excavation operations.
- M. A requirement of posting of surety bond, performance and payment bond or other adequate security to insure compliance with terms of the contract.
- N. Regular inspection by the Commissioners or their agent at reasonable hours to insure that contract provisions are being adhered to, and provision for halting operations for any violation.
- O. Other appropriate conditions, limitations and safeguards as the Commissioners deem necessary for the protection of the public health, safety, convenience and welfare, and for protection and preservation of the purity of the water.



L. JOYCE HAMBERS  
COMMISSIONER  
EDWARD J. COLLINS, JR.  
DEPUTY COMMISSIONER  
HARVEY J. BETH  
DIRECTOR OF ACCOUNTS

*The Commonwealth of Massachusetts*  
*Department of Revenue*  
*Bureau of Accounts*

*Loaretti Salonsall Building, Government Center*  
*100 Cambridge Street, Boston 02204*

MAIL ADDRESS:  
P. O. BOX 7015  
BOSTON, MASS. 02204

To the Honorable Board of Water Commissioners  
Water Supply District of Acton  
Acton, Massachusetts

Dear Members:

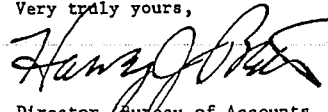
We have examined the financial statements of the various funds and the general long-term debt group of accounts of the Water Supply District of Acton, Acton, Massachusetts as of June 30, 1980 and for the year then ended as listed in the foregoing table of contents. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and other auditing procedures as we considered necessary in the circumstances.

The accompanying financial statements have been prepared in accordance with the provisions set forth by the General Laws of the Commonwealth of Massachusetts and do not represent either the financial position or results of operation presented in accordance with generally accepted accounting principles. The basis of accounting utilized in formulating the Water Supply District of Acton's financial statements and the departures from generally accepted accounting principles are disclosed in the accompanying notes to financial statements.

In our opinion, the accompanying financial statements as of June 30, 1980 and for the year then ended present fairly the information contained therein, in conformity with the provisions of the General Laws of the Commonwealth of Massachusetts, applied on a consistent basis.

The accompanying supplemental information is not necessary for a fair presentation of the financial statements, but is presented as additional analytical data. This information has been subjected to such tests and other auditing procedures applied in the examination of the financial statements mentioned above and, in our opinion, is fairly stated in all material respects in relation to the financial statements taken as a whole.

Very truly yours,

  
Director, Bureau of Accounts  
Department of Revenue

September 10, 1980