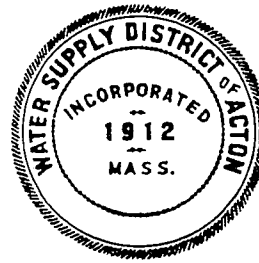


ANNUAL REPORT
OF THE
WATER SUPPLY DISTRICT
OF
ACTON, MASSACHUSETTS.



For the Year Ending December Thirty-first

1980

ORGANIZATION—1980

Water Commissioners

Alvin R. Piper	Term expires 1981
Harry B. Morse	Term expires 1982
William P. Walsh	Term expires 1983

Moderator

Richard P. O'Brien	Term expires 1981
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Clerk

Anita E. Page	Term expires 1981
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Finance Committee

Charles W. Pappas	Term expires 1981
Kevin B. Sweeney	Term expires 1982
Raymond L. Page	Term expires 1983

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

Appointments by the Water Commissioners

Superintendent

John E. MacLeod	Term expires 1981
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Treasurer and Collector

Stephen G. Peterson	Term expires 1981
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Accountant

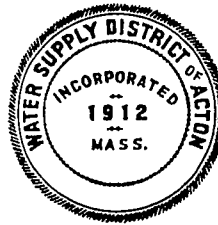
Louise Murray	Term expires 1981
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Attorney

Charles E. Orcutt, Jr.	Term expires 1981
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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 2, 1981

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 12:00 NOON, and close at EIGHT
O'CLOCK P.M., March 2, 1981.

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 18, 1981

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, 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, 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 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 pick-up truck with a utility body, and to authorize the Commissioners to trade or sell the 1975 pick-up truck, or to take any other action relative thereto.

ARTICLE 7. To see if the District will vote to transfer from surplus revenue the sum of \$35,000.00 to purchase a new combination backhoe and loader, and to authorize the Commissioners to trade or sell the 1969 backhoe and loader, or to take any other action relative thereto.

ARTICLE 8. To see if the District will vote to purchase or take by eminent domain, or otherwise acquire, the fee in all or part of the land owned now or formerly by Mary S. Marshall located on the easterly side of Main Street, Acton, Middlesex County, Massachusetts, and being shown on a plan prepared for the Water Supply District of Acton, by Fleming, Bienvenu & Associates, Land Surveyors, North Billerica, Massachusetts, containing about 10.8 acres, more or less. For owner's title see Land Court Certificate 101462, recorded in Land Registration Office, Book 637, Page 112. Said land acquisition is for water supply purposes and for the development of a well field and water source; 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 purpose, or to take any other action relative thereto.

ARTICLE 9. To see if the District will vote to install a well field and to construct a pumping station, install a suitable pump, equipment and necessary fittings

and other appurtenances at the site of the proposed new well field off Main Street in North Acton, and to raise and appropriate, or transfer from any available source, or to borrow under Chapter 44 of the General Laws, as amended, a certain sum of money for the payment of said construction, or to take any other action relative thereto.

ARTICLE 10. To see if the District will vote to install a 16 inch water main from the existing water main at the intersection of Route 2A and Route 27 (Main Street) to the proposed new well field to be developed on land to be acquired under Article 8, a distance of about 11,000 feet, more or less, together with hydrants and necessary fittings; and to raise and appropriate, or transfer from any available source, or to borrow under Chapter 44 of the General Laws, as amended, a certain sum of money for said purpose, or to take any other action relative thereto.

ARTICLE 11. To see if the district will vote to 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", or to take any action relative thereto. (Submitted by petition of thirteen registered voters)

ARTICLE 12. To see if the District will vote to 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.
or to take any other action relative thereto.

Submitted by League of Women Voters.

ARTICLE 13. To see if the District will vote to 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.
or to take any other action relative thereto.

ARTICLE 14. To see if the District shall vote to amend Section 6 of the By-Laws concerning the Nomination and Election of officers of the District by adding to said Section 6 the following language:

"Every elected officer of the District shall enter into the performance of his duties on the day following the last session of the annual district meeting, or as soon thereafter as he is qualified, and shall hold office during the term fixed by law, which shall begin the day following the last session of the annual district meeting, and until another person is qualified in his stead." or to take any other action relative thereto.

ARTICLE 15. To see if the District will 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." or take any other action relative thereto.

ARTICLE 16. To see if the District will vote to 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, or to take any other action relative thereto.
(Submitted at the request of Barclay Explosive Services, Inc.)

Submitted by Water Supply Sand & Gravel Committee.

ARTICLE 17. To see if the District shall vote to 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 and to promote 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. The public hearing shall give notice 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 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 of any article permitting the Commissioners to enter into a written contract for removal and 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 sale of earth materials from district lands; the depth and limits of excavation; a site specific map of wetlands, 100 year flood plains, vegetation, surface waters, topography, property lines and adjacent land uses; and estimation of high water table on the land.

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

- A. Detailed plan showing limits and phases of excavation.
- B. Hours of operation, including truck arrival and departure.
- C. Require stockpiling of topsoil for use in restoration.
- D. Prohibit excavation within 10 feet of the annual high water table.
- E. Prohibit removal within 100 feet of property lines and existing public ways.
- F. Limit work faces to 10 feet and 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. Maintain natural vegetation on undisturbed land for screening and noise purposes.
- H. Require 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 (including building haul roads) on the next contiguous three acres.
- I. Include provisions to grade slopes safely, loam and revegetate all disturbed areas.
- J. Remove 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. Require 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. Require that final restoration work be completed within 60 days, weather permitting, after completion of excavation operations.
- M. Require 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.
- O. Such 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; or to take any other action relative thereto. (Submitted by Water District Sand & Gravel Study Committee)

Submitted by Water Supply Sand & Gravel Committee.

ARTICLE 18. To see if the District will 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 two years, two members to be appointed by the Moderator of the District for a term of 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 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.

c. No member of the Advisory Committee shall serve any other standing committee of the district or of the Town of Acton, or to take any other action relative thereto.

Submitted by Water Supply Sand & Gravel Committee.

ARTICLE 19. To see if the District will vote to 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, or to take any other action relative thereto.

Submitted by Water Supply Sand & Gravel Committee.

ARTICLE 20. To see if the District will authorize the Commissioners 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 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 said purpose, or to take any other action relative thereto.

ARTICLE 21. To see if the District will vote to exceed the appropriations limit imposed by St. 1979, Chapter 151, 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 10th day of February, in the year one thousand nine hundred and eighty-one.

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:

Never before have the Commissioners of your water district been faced with problems of such magnitude. The loss of Assabets One and Two still have a major impact on our supplies. We have found a potential replacement, however, the earliest that we could benefit from that new source is late 1981.

Contamination and pollution require constant observation and testing. We have been assured by the State and Federal Agencies responsible for public health that our water quality falls within the specified guidelines. Our commitment to you is to keep our water supply under close supervision and keep you informed of any major problems.

Our lawsuit against W.R. Grace is of prime importance. We expect to devote considerable time in this effort.

In early fall the AWD entered into an agreement with the firm of Goldberg Zoino Associates to perform a geohydrological study. The objective of this investigation, whose duration is to extend over eighteen months, is to provide the basis for a program of ground water resource management. The major elements of this effort embraced the following activities: location of major sources of water for municipal supply; determination of the origin and flow paths of water contaminated in the municipal aquifer system; and discovery of the quality and quantity of the water contained in these aquifers. Initially, the effort - now under way - will be focusing its interest upon the Upper Nashoba Brook area of North Acton and the Fort Pond Brook area contained between School Street and Lawsbrook Road which now sustains the Lawsbrook Wellfield. Subsequently, the Nashoba Brook area in which the Conant Well is located will be investigated. Thereafter, other promising areas will be studied once these major sources have been thoroughly analyzed.

The analysis for the 129 priority pollutants in existing and potential producing wells has been completed. All wells, save the well located on the Marshall property, were found to contain traces (i.e. 0.5 to 2.0 PPB) of certain chemical compounds contained in the so called purgable categories. The Lawsbrook and Erikson wells did exceed trace levels in two compounds. Lawsbrook Well contained III Trichloroethane. The Ericson well contained Trichloroethylene.

Both the State Department of Environmental Quality and Engineering and the EPA have advised the District that the concentration levels observed are safe for human consumption. In order to insure that such small levels remain, the Commissioners have directed that existing producing wells be monitored for the observed chemicals twice monthly. The Commissioners have also directed that the feasibility of an aeration form of treatment be examined as to the potential mechanisms for finishing the districts water supply. These measures are being taken for precautionary purposes.

We express our sincere appreciation to the Acton Board of Selectmen, Board of Health, and all others who worked with us this past year.

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

1981 - 1982 BUDGET

Group Insurance	\$ 11,200.00
Bonds & 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	45,000.00
Postage	3,500.00
Miscellaneous	1,000.00
Middlesex County Retirement	17,300.00
Mass. State Audit	2,000.00
Land Survey	3,000.00
Legal & Accountant	17,000.00
Land Appraisal	2,000.00
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	2,000.00
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 BUDGET	\$824,011.00

ESTIMATED RECEIPTS

Hydrants	\$ 50,500.00
Water Rates	719,201.00
Sprinklers	8,250.00
Repairs & New Installations	20,000.00
Contract - Community Concepts	26,060.00
TOTAL RECEIPTS	\$824,011.00

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 7/1/81</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>
Community Concepts	300,000	60,000	\$30,000.00 2,025.00	\$30,000.00 675.00			
Flagg Hill Reservoir	200,000	30,000	10,000.00 800.00	10,000.00 480.00	\$10,000.00 160.00		
10 Water Mains	196,000	46,000	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	360,000	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	235,000	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	180,000	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	110,000	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
TOTALS	\$1,971,000	\$1,021,000	\$186,011.00	\$179,141.00	\$142,946.00	\$127,586.00	\$118,508.00
Anticipated Notes and Interest			63,200.00				
			<u>\$249,211.00</u>				

WATER SUPPLY DISTRICT
OF
ACTON, MASSACHUSETTS

AMORTIZATION SCHEDULE - BONDS AND INTEREST (CONTINUED)

	<u>Original Amount</u>	<u>Balance 7/1/81</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	60,000							
II Flagg Hill Reservoir	200,000	30,000							
Water Mains	196,000	46,000							
Nagog Hill Reservoir	540,000	360,000	\$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	235,000	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	180,000	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	110,000	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	\$1,021,000	\$107,735.00	\$103,145.00	\$83,940.00	\$80,120.00	\$76,300.00	\$53,050.00	\$30,855.00

REPORT OF THE 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, 1981 through June 30, 1982. 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.

As noted on the Bonds and Interest Schedule it is anticipated that notes and interest for June 30, 1982 year will cost \$63,200 in addition to existing Bond issues. Since the Permanent Bond Market is unpredictable it is uncertain as to when the Water District will get financing for its many projects and this amount represents a best estimate of cost before permanent financing is obtained.

The Water District has earned \$7,800.36 during the year ended December 31, 1980 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 John MacLeod, Superintendent, for their co-operation and efforts this past year.

RAYMOND L. PAGE
CHARLES W. PAPPAS
KEVIN B. SWEENEY

Finance Committee

REPORT OF THE SUPERINTENDENT

To the Board of Water Commissioners:

The following report covers the activities of the District for 1980.

New house installations:	55
Old service lines repaired or renewed:	40
Old meters repaired with new ones:	50
Hydrants damaged and repaired:	10
Water main breaks and service lines:	30

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.

Wilde Wood Estates off School Street
Jackson Drive Extension
Washington Street Extension
Nonset Path Extension

During course of year both pumps were removed from Assabet Well area due to emergency problems, and installed in the Lawsbrook Wells. Also, in the year 1980 our survey for new water has produced results in the North Acton area, and hopefully we will be able to add this supply to our system in the near future.

Discussions have been held with neighboring towns for use of water in case of emergencies.

A water moratorium on new service connections has been voted by the Commissioners effective 12/9/80 to 7/31/81 or until our present drought condition has been alleviated.

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

CONSERVATION

The Water District lost 40% of its supply in 1978 because of contamination. We also faced one of our worst droughts since 1964, plus losing other wells because of running 24 hours a day without maintenance and with low water tables.

Acton is still a rapidly growing community like several towns in Massachusetts and the Northeast. All of us take our resources for granted, but with community growth and natural changes we have to make adjustments. The Northeast may be going through its worst drought in the next few years.

Hopefully the situation will change if we all pitch in and use better conservation habits.

JOHN E. MacLEOD
Superintendent

REPORT OF THE COLLECTOR

July 1, 1979 to June 30, 1980

Outstanding June 30, 1979	\$ 19,652.84	
Charges	508,120.66	
Refunds	<u>499.07</u>	
		\$528,272.57
Payments	\$507,200.76	
Abatements	675.07	
Adjustments	94.15	
Outstanding June 30, 1980	<u>20,302.59</u>	
		528,272.57

July 1, 1980 to December 31, 1980

Outstanding July 1, 1980	\$ 20,302.59	
Charges	438,839.66	
Refunds	<u>281.28</u>	
		459,423.53
Payments	\$417,357.61	
Abatements	222.60	
Outstanding Dec. 31, 1980	<u>41,843.32</u>	
		459,423.53

STEPHEN G. PETERSON

Treasurer and Collector

Water District rates and charges effective as of April, 1980 are as follows:

If a meter gets out of order and fails to register, the consumer will be charged at the average daily consumption as shown by the meter when in order.

13. The Water Commissioners reserve the right to shut off water for the purpose of making alterations or repairs; and they may shut off the water from any taker for disregard of the Rules and Regulations and for non-payment of water rates when due. When water has been shut off because of disregard of rules or non-payment of rates, it will be let on again when the Commissioners are satisfied that there will be no further cause for complaint and the payment of Five Dollars. The Commissioners reserve the right to restrict the use of water if necessary.

18. The water may be turned off without notice when bills for water remain unpaid for fifteen (15) days after they become due. Owners of premises will be held responsible for the water rate of their tenants.

Unpaid water bills are now a lien on real estate and collection may be made by the sale of the property, Mass. Legislature, Acts 1923, Chapter 391.

Effective April 1, 1980 water users will be billed as follows: Minimum price at which water will be furnished, including the use of the meter, will be \$12.00 quarterly. This will allow the use of 1000 cubic feet each 6 months, with no refund or abatement for amounts of water less than 1000 cubic feet used.

On Jan. 1 and July 1 a minimum charge of \$12.00 will be made to each user. Excess water for each 6 months period will be billed in October 1st and April 1st as follows:

All over 1000 cubic feet @ \$1.20 per 100 cubic feet.

Minimum charge shall apply to each family or living unit. Minimum charge shall apply to all non-residential users in accordance with applicable sections of Rules, Regulations and Rates. Larger quantities of water beyond the minimum shall be charged as set forth above.

New owners having had possession of property less than 30 days and using less than 1,000 cubic ft. of water will be billed at the rate of \$1.20 per 100 cubic ft.

There will be a minimum closing charge of \$5.00 for final water meter reading.

Hydrant Rental	\$ 65.00 each per year
Sprinkler System	125.00 each per year

Demand charge for new service installations are as follows:
These do not include materials or labor.

¾" line	\$ 300.00
1" line	630.00
1¼" line	1,140.00
1½" line	1,860.00
2" line	3,680.00
Over 2" line	5,000.00
Sprinkler lines	2,500.00
Multi-dwelling (per apt. or each living unit)	200.00

Demand charges could increase because of 1981-82 operating budget.

REPORT OF THE DISTRICT ACCOUNTANT

This portion of the report covers expenditures for the fiscal year 1980 (July 1, 1979 - June 30, 1980).

Account	Balance 7-1-79	Balance 6-30-80
Reserve Fund	\$ 20,000.00	
Bonds & Interest	230,104.50	
Salaries & Wages	137,000.00	
**	9,406.59	
Insurance	8,500.00	
Light, Power & Telephone	52,000.00	
**	2,789.30	
Equipment Rental	2,000.00	475.00
Auto & Equipment Expense	8,000.00	
**	1,130.30	
Fuel	3,500.00	234.54
Maintenance & Operation	38,000.00	
**		
Miscellaneous	1,000.00	3.80
Meters	6,000.00	
**	1,719.28	
Legal Expense	6,000.00	
Land Survey	2,000.00	
Land Appraisal	1,000.00	
Engineering Expense	5,000.00	
**	2,847.00	
Massachusetts State Audit	2,000.00	2,000.00
Office Expense	2,000.00	6.08
Group Insurance	9,500.00	1,451.97
(** from Reserve Fund)		

Special Appropriations

Account	Appropriations 7-1-79	Balance 6-30-80
New Truck	\$ 6,489.00	
Telemeter System	5,728.68	\$ 4,856.38
Survey for New Water	2,162.37	
**	40,000.00	
Standpipe (Great Hill)	239.00	239.00
Great Road 2A Extension	745.29	745.29
Kinsley Reservoir	11,788.53	11,788.53
Erikson Well	589.52	589.52

Account	Appropriations 7-1-79	Balance 6-30-80
Harris Reservoir	3,712.00	3,712.00
Hammond Street	12,130.64	6,081.64
Mohawk Drive Extension	990.73	990.73
Ticonderoga Road Extension	4,894.02	4,894.02
Newtown Road	21,023.52	11,107.18
New Building	19,536.40	101.74
Windsor Ave. Housing for Elderly	6,511.12	4,649.81
Taylor Road	3,000.00	1,273.31
Hayward Road	2,000.00	2,000.00
Laboratory Analysis	5,000.00	933.50
Master Plan Update	5,000.00	5,000.00

(** from Surplus Revenue)

The appropriations voted by the District, March 19, 1980 cover the period July 1, 1980 - June 30, 1981. Below are listed expenditures for the first six months of this period.

Account	Appropriations for 80-81	Balance 12-30-80
Reserve Fund	\$ 25,000.00	\$23,355.00
Group Insurance	9,500.00	5,437.76
Bonds & Interest	266,631.50	95,821.00
Salaries & Wages	150,000.00	70,246.69
Equipment Rental	2,000.00	287.00
Lights, Power & Telephone	65,000.00	36,486.09
Fuel	3,500.00	3,050.33
Maintenance & Operation	40,000.00	9,779.90
Miscellaneous	1,000.00	555.88
Meters	6,000.00	2,008.67
Insurance	10,000.00	815.31
Legal Expense	10,000.00	8,136.53
Special Legal Expense	50,000.00	34,771.85
Land Survey	2,000.00	2,000.00
Land Appraisal	2,000.00	2,000.00
Engineering Expense	19,500.00	12,670.00
Massachusetts State Audit	2,000.00	2,000.00
**	1,645.00	1,645.00
Auto & Equipment Expense	14,000.00	8,181.31
Office Supplies	2,000.00	1,710.59
Middlesex County Retirement	13,301.00	.00

(** from Reserve Fund)

Special Appropriations

Account	Appropriations 80-81	Balance 12-31-80
Telemeter System	\$ 4,856.38	\$ 4,856.38
Survey for New Water Supply	5,000.00	5,000.00
Standpipe (Great Hill)	239.00	239.00
Great Rd. 2A Extension	749.29	749.29
Kinsley Reservoir	11,788.53	
Erickson Well	589.52	589.52
Harris Reservoir	3,712.00	3,712.00
Hammond Street	6,081.64	
Mohawk Drive Extension	990.73	990.73
Ticonderoga Road	4,894.02	4,894.02
Newtown Road	11,107.18	
New Building	101.74	101.74
Windsor Ave. 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	3,999.74
Hydro-Study	100,000.00	80,210.77
Concord Tie-in	30,000.00	20,456.30
Mabel J. McNiff Land	42,000.00	
New Lawsbrook Well Field	28,977.35	28,977.35
Sand and Gravel Study Comm.	500.00	500.00
Master Plan Update	5,000.00	5,000.00

LOUISE F. MURRAY
District Accountant

REPORT OF THE TREASURER

July 1, 1979 to June 30, 1980

CHECKING ACCOUNTS

Baybank Middlesex, Balance June 30, 1979	\$ 762.93
Transferred from Savings Account	187,762.94
Deposits	507,179.04
Redeposits	1,781.88
Deductions	35,434.50
Adjustments	<u>66.26</u>
Total	\$732,987.55
Disbursements	\$605,215.18
Insufficient Funds	1,929.15
Transferred to Savings Account	<u>125,000.00</u>
Total	\$732,144.33
Balance June 30, 1980	\$ 843.22

July 1, 1980 to December 31, 1980

Baybank Middlesex, Balance June 30, 1980	\$ 843.22
Deposits	417,646.67
Transferred from Savings Account	67,000.00
Redeposits	1,115.47
Deductions	<u>20,181.92</u>
Total	\$506,787.28
Disbursements	\$368,682.08
Insufficient Funds	1,078.83
Transferred to Checking Account	<u>140,000.00</u>
Total	\$509,760.91
Balance December 31, 1980	\$ 2,973.63

July 1, 1979 to June 30, 1980

Shawmut Bank, Balance June 30, 1979	\$ 47.20
Transferred from Savings Account	<u>37,250.00</u>
Total	\$ 37,297.20
Disbursements	\$ 37,261.31
Balance July 1, 1980	\$ 35.89

July 1, 1980 to December 31, 1980

Shawmut Bank, Balance July 1, 1980	\$ 35.89
Transferred from Savings Account	24,250.00
Deposits	<u>172,000.00</u>
Total	\$196,285.89
Disbursements	\$ 31,704.56
Transferred to Savings Account	<u>164,500.00</u>
Total	\$196,204.56
Balance December 31, 1980	\$ 81.33

BANK INVESTED FUNDS

Assabet Savings Bank, Balance June 30, 1979	\$ 38,895.70
Deposits	27,000.00
Interest	1,343.07
Withdrawals	<u>67,238.77</u>
Balance June 30, 1980	\$.00
Leader Federal Savings, Balance June 30, 1979	\$ 42,224.66
Deposits	39,000.00
Interest	1,529.03
Withdrawals	<u>82,753.69</u>
Balance June 30, 1980	\$.00
Reliance CO-operative Bank, Balance June 30, 1979	\$ 21,902.48
Deposits	—
Interest	660.46
Withdrawals	<u>22,562.94</u>
Balance June 30, 1980	\$.00
Baybank Middlesex, Balance June 30, 1979	\$ 22,095.53
Deposits	135,792.46
Interest	<u>136.45</u>
Withdrawals	152,000.00
Balance June 30, 1980	\$ 6,024.44
M M D T Account #1, Balance July 1, 1979	\$.00
Deposits	60,000.00
Withdrawals	<u>.00</u>
Balance June 30, 1980	\$ 60,000.00
Interest to 6-30-80	3,669.01
Invested Funds Balance 6-30-80	66,024.44

BANK INVESTED FUNDS

July 1, 1980 to December 31, 1980

Baybank Middlesex, Balance June 30, 1980	\$ 6,024.44
Deposits	.00
Interest	6.96
Withdrawals	6,000.00
Balance December 31, 1980	\$ 31.40
M M D T Account #1, Balance June 30, 1980	\$ 60,000.00
Deposits	140,000.00
Interest	1,671.73
Withdrawals	61,000.00
Balance December 31, 1980	\$ 140,671.73
M M D T Account #2, Balance June 30, 1980	\$.00
Deposits	137,000.00
Interest	3,188.88
Withdrawals	42,000.00
Balance December 31, 1980	\$ 98,188.88
Interest of 12-31-80	4,867.57
Invested Funds Balance 12-31-80	238,898.01

WATER MEETING

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

MONDAY, MARCH 3, 1980

at the Whitcomb Station of the Water Supply District, Massachusetts Avenue (Route 111), West Acton. (Polls open from 7:00 A.M. to 8:00 P.M.).

Total number of ballots cast: 1675

The following were elected:

Commissioner for 3 years:

William P. Walsh 951

Moderator for 1 year:

Richard P. O'Brien 1373

Clerk for 1 year:

Anita E. Page 1403

A true copy.

Attest:

ANITA E. PAGE
District Clerk

WATER MEETINGS

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

WEDNESDAY, MARCH 19, 1980

VOTED: That this Annual Meeting of the Water Supply District of Acton be adjourned at 10:30 P.M. tonight when the article under action at that time is completed and that the meeting continue on Thursday, March 20, 1980 at 7:30 P.M. in this same location.
(Majority)

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

Chairman of the Commissioners	\$800.00 per year
Two (2) Commissioners	\$600.00 each 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 1979 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, 1980, 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 provision 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)

VOTED: To move to article 20 and follow the order indicated by the moderator.

ARTICLE 20. VOTED: That the District establish a 5 year moratorium on the removal of sand, gravel and other materials from District lands off Lawsbrook Road, or take any other action relative thereto.
(Majority)

ARTICLE 17. VOTED: That the District take no action.
(Unanimous)

ARTICLE 20. VOTED: To reconsider article 20.
(Unanimous)

ARTICLE 20. VOTED: That the District establish a 5 year moratorium on the removal of sand, gravel and other materials from District lands off Lawsbrook Road.
(Majority)

ARTICLE 21. VOTED: That the District authorize the Water Commissioners to develop a plan and estimates for grading and safely sloping the Lawsbrook Sand Pit area so that the land can begin to reseed itself. Such plan to be presented at a public hearing prior to the next annual water district meeting any any action therein proposed at said annual meeting.
(Majority)

ARTICLE 18. VOTED: That the District appoint a committee to establish a policy on "Rules and Regulations Governing Sand and Gravel Removal from Water District Lands" by which the Water District shall be bound in the future. And, further, that sand and gravel removal from District lands shall be discontinued until this committee has made its report and its articles have been submitted to the next Annual Water District Meeting.

Such committee will investigate the practice of sand and gravel removal from Water District lands, including but not limited to the following areas:

1. Its effect on aquifers and the quality and quantity of future water supplies.
2. Safety and liability considerations.
3. Zoning and neighborhood protection.
4. Potential conflict of interest of a public agency.
5. Financial Impact.

The committee's report, conclusions and recommendations will be heard and presented to the Commissioners at the next Annual Meeting of the Water District in the form of an article or articles to be acted upon.

Such committee shall be composed of seven (7) residents of the Town, to be appointed within 30 days of the adjournment of the Annual Meeting, two (2) of whom shall be nominees of the Water Commissioners and two (2) of whom shall be nominees of the Board of Selectmen, and three (3) additional members of the study committee be appointed by the moderator from the registered voters of the Town.
(Majority)

VOTED: To adjourn 11:05 P.M.
(Unanimous)

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

THURSDAY, MARCH 20, 1980

ARTICLE 19. VOTED: That the District take no action.
(Unanimous)

ARTICLE 16. VOTED: That the District authorize the Commissioners to enter into a final 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 completion of final grading 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 satisfying all the terms and conditions of a prior permit from the Acton Board of Appeals. Said agreement to be in effect until the next annual meeting. 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 and Gravel Company, Inc., under the terms of said agreement. The Commissioners are granted authority hereunder notwithstanding action under Article 18 of this warrant.
(Yea 77 - Nae 60 Defeated)

ARTICLE 15. VOTED: That the Commissioners be authorized to raise and appropriate the sum of \$12,000.00 to be expended by the Commissioners for the purpose of a qualitative and quantitative analysis of water samples from all six active district operated wells and up to two new wells by a laboratory approved by the Commonwealth of Massachusetts Department of Environmental Quality Engineering, said analysis to include an analysis for the attached 129 priority pollutants identified by the EPA.
(Unanimous)

ARTICLE 5. VOTED: To appropriate from estimated receipts of the District the sum of \$725,432.50 for maintenance and operation of the District, and the specific appropriations as follows:

Estimated Expenditures

Group Insurance	\$ 9,500.00
Bonds & Interest	266,631.50
Salaries & Wages	150,000.00
Equipment Rental	2,000.00
Lights, Power & Telephone	65,000.00
Fuel	3,500.00

Maintenance & Operations	\$ 40,000.00
Miscellaneous	1,000.00
Middlesex County Retirement	13,301.00
Massachusetts State Audit	2,000.00
Land Survey	2,000.00
Legal Expenses	10,000.00
Land Appraisal	2,000.00
Engineering Expense	19,500.00
Insurance	10,000.00
Meters	6,000.00
Auto & Equipment Expenses	14,000.00
Reserve Fund	25,000.00
Office Expense	2,000.00
Laboratory Analysis	5,000.00
Survey for New Water Supply	5,000.00
Special Legal Expenses	50,000.00
Total	\$703,432.50

(Majority)

ARTICLE 6. VOTED: That the District vote to authorize the Commissioners to transfer from surplus revenue the sum of \$6,489.00 for the purchase of a new pick-up truck.

(Unanimous)

ARTICLE 7. VOTED: That the District authorize the Commissioners to transfer from surplus revenue the sum of \$5,000.00 for the preparation of an updated ten-year comprehensive long range master plan which shall serve as a basis for the expansion and improvement of the water supply and distribution system of the District.

(Unanimous)

ARTICLE 8. VOTED: That the District authorize the Commissioners to acquire by purchase, eminent domain or otherwise, for water supply purposes and for the construction of a water storage tank, the fee in all or part of the land owned now or formerly by Mabel Jenks McNiff located on the westerly side of Main Street in North Acton and being shown on a plan entitled "Plan of Land in Acton, Mass., owned by Mabel Jenks McNiff dated Oct. 25, 1979," as Lot A containing 317.623 square feet, more or less, together with a temporary construction easement to pass and repass by foot and vehicular traffic over an access and utility easement as shown on said plan from Main Street to said Lot A aforesaid, and together with a permanent easement to pass and repass by foot and vehicular traffic over the access and utility aforesaid and together with a permanent easement for the use, installation, repair and improvement of water mains and appurtenances within said easement; the sum of \$42,000.00 is appropriated for the land acquisition; and that to raise this appropriation the Treasurer with the approval of the Commissioners is authorized to borrow \$42,000.00 under G.L. Chapter 44, Sec. 8, as amended.

(Unanimous)

ARTICLE 9. VOTED: That the sum of \$350,000.00 be appropriated for the purpose of conducting a hydro-geological study, including but not limited to the following: determining the location of aquifers, water recharge areas, other sensitive area related to water supply and conducting water favorability studies and test well exploration within and for the District; and that to raise this appropriation the Treasurer with the approval of the Commissioners be authorized to borrow \$350,000.00 under Chapter 732 of the Acts of 1979.
(Unanimous)

ARTICLE 14. VOTED: That \$150,000.00 be appropriated to install several wells and to construct a pumping station, install a suitable pump, equipment and necessary fittings and other appurtenances at the sit of the new well field off Lawsbrook Road; and that to raise this appropriation the Treasurer with the approval of the Commissioners be authorized to borrow \$150,000.00 under G.L. Chapter 44, Section 8, as amended.
(Yea 42 - Nae 39 Defeated)

ARTICLE 10. VOTED: That the District take no action.
(Unanimous)

ARTICLE 11. VOTED: That the District take no action.
(Unanimous)

ARTICLE 12. VOTED: That the District take no action.
(Unanimous)

ARTICLE 13. VOTED: That the District take no action.
(Unanimous)

Voted to Adjourn: 11:25 P.M.

A true copy:

Attest:

ANITA E. PAGE
Clerk

SPECIAL 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.

WEDNESDAY, OCTOBER 22, 1980 at 7:30 P.M.

ARTICLE 1. VOTED: That the District authorize the Commissioners to install an 8 inch water main from the existing water main on Lawsbrook Road to the new well field under development by the District on land owned by the District, a distance of about 1,850 feet, more or less, together with hydrants and necessary fillings; and that to raise this appropriation the Treasurer with the approval of the Commissioners be authorized to borrow \$35,000.00 under General Laws Chapter 44, as amended.

(Yea 48 - Nae 21 Passed)

ARTICLE 2. VOTED: That the District authorize the Commissioners to install several wells and to construct a pumping station, install a suitable pump, equipment and necessary fittings and other appurtenances at the site of the new well field off Lawsbrook Road; and that to raise this appropriation the Treasurer with the approval of the Commissioners be authorized to borrow \$175,000.00 under General Laws Chapter 44, as amended.

(Yea 50 - Nae 14 Passed)

ARTICLE 3. VOTED: That the District authorize the Commissioners to transfer to the New Lawsbrook Well Field Account the unexpended balance in the amount of \$6,081.64 from the Hammond Street Water Main Extension Account, which extension was approved under Article 10 of the annual meeting of the District held on March 16, 1977.

(Unanimous)

ARTICLE 4. VOTED: That the District authorize the Commissioners to transfer to the New Lawsbrook Well Field Account the unexpended balance in the amount of \$11,107.18 from the Newton Road and Arlington Street Water Main Extension Account, which extension was approved under Article 10 of the annual meeting held on March 15, 1978.

(Unanimous)

ARTICLE 5. VOTED: That the District authorize the Commissioners to transfer to the New Lawsbrook Well Field Account the unexpended balance in the amount of \$11,788.53 from the Nagog Hill Reservoir Account, which reservoir construction was approved under Article 4 of the special meeting held on November 28, 1973.

(Unanimous)

ARTICLE 6. VOTED: That the District vote to authorize the Commissioners to transfer from the reserve fund the sum of \$1,645.00, for the purpose of having an audit of the various accounts of the District.
(Unanimous)

ARTICLE 7. VOTED: That the District vote to authorize the Treasurer with the approval of the Commissioners to transfer from surplus revenue the amount of \$500.00 to cover expenses, including but not limited to printing, graphics, and secretarial services, incurred by the Sand and Gravel Study Committee.
(Unanimous)

ARTICLE 8. VOTED: That the District vote to amend Section 6 of the By-Laws concerning the Nomination and Election of officers of the District by adding to said Section 6 the following language:

"Every elected officer of the District shall enter into the performance of his duties on the day following the last session of the annual district meeting, or as soon thereafter as he is qualified, and shall begin the day following the last session of the annual district meeting, and until another person is qualified in his stead."

(Yea 27 - Nae 18 Defeated)

Voted to Adjourn: 10:00 P.M.

A true copy:

Attest:

ANITA E. PAGE

Clerk

SPECIAL 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.

WEDNESDAY, OCTOBER 27, 1980, at 9:00 P.M.

ARTICLE 1. VOTED: That the District vote to increase the appropriations limit established under Chapter 151 of the Acts of 1979 by \$120,839.68 so that the appropriations limit as so increased will be \$703,432.50.
(Unanimous)

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

Voted to Adjourn: 9:35 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 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.

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.

REPORT OF THE SAND & GRAVEL STUDY COMMITTEE

The members of the Sand & Gravel Study Committee have concluded the following:

1. Water Quantity/Quality

- There is no conclusive evidence that sand and gravel extraction impacts water quantity.
- Sand and gravel can act as a filtrant for coliform bacteria and suspended solids and some presence above the water table can be beneficial.
- Sand and gravel is ineffective as a filtrant for hazardous materials such as heavy metals, organic compounds, etc.
- Sand and gravel can reduce ground water temperature extremes but does not change the average temperature.

2. Neighborhood Effects

- Sand and gravel extraction operations cause aggravations including noise, dust, truck traffic, aesthetics, etc.
- The majority of those attending the hearing on sand and gravel, especially those from the vicinity of sand and gravel operations opposed sand and gravel extraction.

3. Safety and Liability

- Sand and gravel extraction is not risk free but adherence to appropriate safety guidelines, with proper monitoring, can reduce the dangers.
- Revenues from the sale of sand and gravel shall be used for safety measures and compliance monitoring.
- Liability cannot be totally transferred from the Acton Water District to the sand and gravel operator.

4. Economics

- Sand and gravel removal should not be undertaken to obtain revenues to lower the water rates.
- Sand and gravel removal should be undertaken only to facilitate economical search for and acquisition of water supply where it is reasonably shown that a high potential for water supply exists.
- Significant financial gains from sand and gravel removal can be quantified.

- Many losses associated with adverse impacts as a result of sand and gravel operations cannot be quantified (e.g., loss of life, safety, aesthetics, noise) and could will offset financial gains derives from sand and gravel revenues.

5. Conflict of Interest (pertaining to the Acton Water District not individuals)

- A water district cannot be in conflict of interest, only individuals can be and this was not within the scope of this committee.

6. Past Sand and Gravel Operations

- Previous sand and gravel operations have resulted in problems (e.g., unsafe slopes, unrestored lands) that be corrected regardless of cost.

7. Future Sand and Gravel Operations

- There may be some valid reasons to consider sand and gravel extraction, for water development and management, with rigid controls.

COMMITTEE MEMBERS:

Basil Bonk
Edward Flannery
Robert Kasvinsky
James McCrea
David Riley
Charlotte Sagoff
Alice Williams

MINORITY FINDINGS

1. Sand and Gravel (S & G) removal from AWD lands will not adversely affect water quality. Adequate proof exists in AWD records and recent town studies.
 - (a) S & G only filters coliform bacteria and suspended solids. Only a few feet are required.
 - (b) S & G does not filter dissolved organic or inorganic materials or hazardous wastes.
 - (c) The only identified effect of S & G removal is some increase in temperature variations; mean temperature does not change.
2. S & G removal from Lawsbrook area will significantly increase water quantity available to AWD. Local recharge is very important to our water supplies.
3. There is high potential for new well in the Lawsbrook Area.
4. Two deaths have occurred on AWD lands and future actions must reduce the probability of future adverse effects on safety and health.
5. Past S & G operations and past and continuing acts of nature, two and four wheeled vehicles, and people have contributed to safety hazards at Lawsbrook which must be corrected as they occur.
6. S & G can be removed safely. For example, controlled S & G removal areas would be safer than areas with housing construction, such as Patriot's Hill Subdivision.
 - (a) S & G removal at Lawsbrook will result in a safer area that is less of a public nuisance than the other proposed actions.
 - (b) The "pits" in question are removing of hills to an adjacent grade, not holes in the ground.
7. Lawsuits and liability claims can't be avoided; successful claims can be.
8. Banning S & G removal at Lawsbrook will cost the public in the vicinity of \$1,000,000 1980 dollars.
9. No evidence of conflict of interest was found, either in fact or principle.
10. All AWD engineering decisions relative to pumps, wells, and well exploration were found to be correct.
11. All known AWD statements relative to S & G removal were found to be justified. If anything, the AWD understated the advantages of S & G removal.

12. Noise, vibration, and dust from S & G are not significant factors.

(a) There might be some short term nuisance levels at a few homes.

13. S & G removal at Lawsbrook will cause a long term change in the view and will cause an unattractive view for a period of time - probably measured in months. Neighbors of the site are opposed to any change in view.

14. Although noise from trucking should meet U.S. EPA and FHWA guidelines, it will be a source of annoying noise for about 15 seconds per truck per location.

15. Increased road dust from trucking will occur within about 100 feet, plus or minus, of the site entrance unless swept.

16. People associate a safety hazard with trucks, although the existence of one is questionable.

17. Allowing S & G removal will increase or decrease S & G trucking in the local areas and on Acton roads depending on length of contract and successful bidder(s).

18. More red safety hazards are associated with water shortages and collapsed of a water system than with controlled S & G removal.

Submitted by
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