

COTUIT FIRE DISTRICT

Annual Reports



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COTUIT FIRE DISTRICT

Annual Reports for the Year Ending December 31, 1971

Organization

Moderator

Lee Burlingame

Prudential Committee

Peter C. Murray	Term expires 1974
Louise L. Harmon	Term expires 1972
James R. Irwin	Term expires 1973

Clerk

F. Maynard Gifford

Treasurer

Agnes C. Murray

Board of Water Commissioners

James E. Downey	Term expires 1974
F. Maynard Gifford	Term expires 1972
Joseph W. Hallett	Term expires 1973

BOARD OF ENGINEERS

Chief

*Robert O. Dottridge	Term expires 1974
Arthur Gomes	Appointed

First Assistant Engineer

John Newton, Jr.	Term expires 1973
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Second Assistant Engineer

*Arthur Gomes	Term expires 1972
Walter H. Dottridge	Appointed
* Resigned	

Auditors

Harry Crocker	Udell Perry	Theron Apollonio
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ANNUAL REPORT OF CLERK

ANNUAL MEETING

FEBRUARY 8, 1971

In accordance with the foregoing notice and the by-laws of the District, the annual meeting of the Cotuit Fire District was held in Freedom Hall on Monday, February 8, 1971 at 8 o'clock P.M. The clerk called the meeting to order, read the call of the meeting, and the return of same.

Article 1. Lee Burlingame was chosen Moderator for one year. Stephen C. Hamblin, Lawrence S. Bearse, and Edward S. Savery were Chosen tellers.

Article 2. The following were nominated and the result of the election was as follows:

Member of the Prudential Committee for 3 years:

*Peter C. Murray 1 vote

Member of the Board of Water Commissioners for three years:

*James E. Downey 61 votes

Edward W. Moore 19 votes

Blanks 1

Clerk: for one year:

*F. Maynard Gifford, Jr. 1 vote

Treasurer for one year:

*Agnes C. Murray 1 vote

Chief Engineer for 3 years:

*Robert O. Dottridge 1 vote

Auditors for one year:

*Harry C. Crocker, *Udell T. Perry, *Theron Apollonio 1 vote each

* elected

Article 3. Upon motion duly made and seconded, it was unanimously Voted: "That the District authorize the treasurer, with the approval of the Prudential Committee, to borrow money from time to time in anticipation of the revenue for the financial years beginning January 1, 1971 and January 1, 1972, 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."

Article 4. Upon motion duly made and seconded, it was Voted: "That the District accept the reports of the officers and committees of the District as printed with the correction of typographical errors on pages 4 and 18 and the ~~derection~~ of water dept. balance on page 15.

~~deletion~~

Article 5. Upon motion duly made and seconded, it was Voted: "That this article be indefinitely postponed."

Article 6. Upon motion duly made and seconded, it was Voted: "That the District set the salaries of the elected officials as follows:

Clerk	\$ 400.	1st. Asst. Eng.	\$ 100.
Treasurer	\$ 750.	2nd. Asst. Eng.	\$ 100.
Chief Engineer	\$1,500.	Moderator	\$ 20.

Article 7. Upon motion duly made and seconded, it was Voted: "That the District raise and appropriate the sum of \$34,000. for the financial dept. to pay for debt. and interest, salaries, expenses, and assessment of the Barnstable County Retirement Association."

Article 8. Upon motion duly made and seconded, it was Voted "That the District approve the following pay scale for firemen:

\$5.50 per hr. for officers 7 am to 5 pm Monday thru Saturday
\$5.00 per hr. for firemen 7 am to 5 pm Monday thru Saturday
\$4.50 per hr. for officers 5 pm to 7 am Monday thru Saturday
\$4.00 per hr. for firemen 5 pm to 7 am Monday thru Saturday
\$2.00 per drill \$4.00 per hr. for labor
\$4.50 per hr. for officers for Sundays all services
\$4.00 per hr. for firemen for Sundays all services

Article 9. Upon motion duly made and seconded, it was Voted: "That the District raise and appropriate the sum of \$10,500. for the expenses of the fire dept. for the ensuing year."

Article 10. Upon motion duly made and seconded, it was Voted: "That the District raise and appropriate the sum of \$250. for the maintenance of the Cotuit Library Association, Inc."

Article 11. Upon motion duly made and seconded, it was Voted: "That the District raise and appropriate the sum of \$1,850. for the expenses of Freedom Hall for the ensuing year."

Article 12. Upon motion duly made and seconded, it was Voted: "That the District raise and appropriate the sum of \$5,700. for the purpose of lighting the streets of the District for the ensuing year."

Article 13. Upon motion duly made and seconded, it was Voted: "That the District appropriate from water dept. receipts and revenues:

- (a) \$4,475. for the water dept. for service connections,
- (b) \$33,591. for the operation and maintenance of the water dept. divided to \$8,600. for supt., \$7,000. for asst. and \$17,991. for the other expenses,
- (c) \$2,500. for extensions.

Article 14. Upon motion duly made and seconded, it was Voted: "That this article be indefinitely postponed."

Article 15. Upon motion duly made and seconded, it was Voted: "That this article be indefinitely postponed."

Article 16. Upon motion duly made and seconded, it was Voted: "That this article be indefinitely postponed."

Article 17. Upon motion duly made and seconded, it was Voted: "That the District raise and appropriate the sum of \$8,000. for test wells."

Article 18. Upon motion duly made and seconded, it was Voted: "That this article be indefinitely postponed."

Article 19. Upon motion duly made and seconded, it was Voted: "That the District appropriate the sum of \$13,000. from free cash towards the tax levy of the current year."

Article 20. Upon motion duly made and seconded, it was Voted: "To adjourn."

F. Maynard Gifford, Jr.
Clerk: Cotuit Fire District

SPECIAL MEETING—COTUIT FIRE DISTRICT

NOVEMBER 4, 1971

In accordance with the foregoing notice and the by-laws of the District, the special meeting of the Cotuit Fire District was held in Freedom Hall on Thursday, November 4, 1971 at 8 o'clock P.M. The moderator called the meeting to order and the clerk read the call of the meeting and the return of same.

Article 1. Upon motion duly made and seconded, it was unanimously Voted: "That the District transfer the sum of \$2500. in the regular extension account of the water dept. to the salaries account of the water dept."

Article 2. Upon motion duly made and seconded, it was Voted: "That this article be post-poned until the next annual meeting of the District."

Article 3. Upon motion duly made and seconded, it was Voted: "To adjourn".

F. Maynard Gifford Jr.

Clerk: Cotuit Fire District

REPORT OF THE TREASURER

Year ending December 31, 1971

Receipts		
Cash Balance, January 1, 1971		\$ 36,118.07
Water Department		
Receipts and Revenue	41,001.45	
Water Liens	662.58	
		41,664.03
Tax Collector		
1970 Personal Property	81.00	
1970 Real Estate	1,763.28	
1971 Personal Property	5,346.57	
1971 Real Estate	38,084.96	
		45,275.81
Payroll Deductions		
Federal	1,763.50	
State	463.09	
Retirement	915.44	
		3,142.03
Interest on Savings Account		1,269.52
Freedom Hall		40.00
Anticipation of Revenue Loan		14,864.55
Dividend Check - Insurance Policy		28.80
Sale of Fire Truck		400.00
Tax Title		87.30
New Fire Truck Loan		22,500.00
Total Receipts		\$165,390.11
Expenditures		
Water Department		
Maintenance	27,822.66	
Extensions	none	
Service Connections	4,007.78	
*Notes	17,000.00	
*Interest	1,430.00	
Test Wells	6,991.14	
		57,251.58
Fire Department		
Maintenance	10,124.73	
*Salaries, Chief and Engineers	9,905.60 2502.80	
*Notes	7,750.00	
*Interest	789.69	
		21,970.02
		21,167.22

Financial Department		3,177.23
Salaries and Expenses		2,274.43
Prudential Committee		
Freedom Hall	1,716.17	
Street Lights	5,486.79	
Cotuit Library Association	250.00	
		7,452.96
Payroll Deductions		
Federal	1,763.50	
State	463.09	
Retirement	915.44	
		3,142.03
New Fire Truck		26,940.00
Tax Refunds		60.48
Anticipation of Revenue Loan		15,038.75
		134,230.35
Total Expenditures		31,159.86
Cash Balance, December 31, 1971		

\$165,390.11

* For bookkeeping purposes, this item is paid by an appropriation of the Financial Department.

Valuation of the District

Real Estate	5,477,550.00
Personal Property	731,300.00
Total Valuation	6,208,850.00
Tax Rate 1971	\$8.00 per 1,000.00

DISTRICT INDEBTEDNESS — NOTES AND INTEREST

Series	Year Issued	Amount	Amount Each Note	Purpose
Feb. 1	1964	60,000	5,000	Increase water supply
Feb. 15	1966	23,750	4,750	Purchase and equip fire truck
May 1	1968	15,000	3,000	Fire House Addition
May 15	1956	75,000	5,000	New water system
July 1	1967	25,000	5,000	Crocker Neck Road Extension
Oct. 1	1963	20,000	2,000	Purchase land to increase water supply
Mar. 15	1971	22,500	4,500	Purchase Fire Truck

Series	Date of Last Payment	Amount left Dec. 31, 1971	Interest Rate paid semi-annually
Feb. 1	1976	25,000	3.10
Feb. 15	1971	none	3.25
May 1	1973	6,000	4.10
May 15	1971	none	2.70
July 1	1972	5,000	3.30
Oct. 1	1973	4,000	3.00
Mar. 15	1976	22,500	3.60

Financial Department Expense in Detail

Appropriation		\$34,000.00
Salaries:		
Fire Chief	1,500.00	
Pension for Fire Chief	802.80	
Clerk	400.00	
Treasurer	750.00	
Moderator	20.00	
Tax Collector	50.48	
Assessors	122.40	
First Assistant Engineer	100.00	
Second Assistant Engineer	100.00	
Postage	37.42	
Stationery and Supplies	22.88	
Printing and Advertising	313.90	
Treasurer's Bond	47.00	
Barnstable County Retirement		
Assessment	1,336.56	
Certification of Notes	23.00	
Commonwealth of Massachusetts -		
Retirement Reimbursement	52.59	
Bank Service Charge	1.00	
Total	5,680.03	
Notes and Interest	26,969.69	
	32,649.72	
Balance to Revenue	1,350.28	
		\$34,000.00

Respectfully submitted by,

Agnes C. Murray
Treasurer

BALANCE SHEET

COTUIT FIRE DISTRICT

DECEMBER 31, 1971

GENERAL ACCOUNTS

Assets		Liabilities and Reserves	
Cash:		Tailings - unclaimed checks	21.80
General		Special Appropriation Balances:	
Petty Cash - water dept.		Test Wells	1,008.86
Accounts Receivable:		School House Service	370.34
Taxes:		New Fire Truck	550.00
1971 Personal Property	545.83	Elevated Tank	1,121.21
1971 Real Estate	5,735.44	Special Land Purchase	2,054.12
1970 Personal Property	87.84	Fire Alarm Improvement	127.23
1970 Real Estate	7.20	Reserve Fund - Overlay Surplus	7,761.96
Tax Title	123.46	Overlay Reserved for Abatement 1971	2,370.80
		Overlay Reserved for Abatement 1970	95.04
Water:		Revenue Reserved Until Collected:	
Rates and Services	1,357.32	Taxes	6,499.77
Water Liens - 1971	437.79	Water	1,795.11
		Reserve for petty cash advance	25.28
		Surplus Revenue (Free Cash)	15,668.50
			<u>\$39,480.02</u>
Debt Accounts			
General		Fire Dept. Equipment	22,500.00
Public Service Enterprise		Fire House Addition	6,000.00
		Water	34,000.00
			<u>62,500.00</u>

REPORT OF THE BOARD OF WATER COMMISSIONERS

To the Citizens of the Cotuit Fire District.

Your Board of Water Commissioners submits herewith its 35th annual report for the year ending December 31, 1971.

At the annual Fire District meeting held February 8th, 1971, Mr. James E. Downey was elected to the Board for three years.

The Board has held regular monthly meetings and a number of special meetings to deal with special problems. It has endeavored to keep expenses to the minimum consistent with proper and efficient operation of the department.

During the past year the District has lost the services of Mr. Alfred Billings and Mr. Joseph Grasso due to low wages and extra duty. It is hoped that something can be worked out to rectify this situation. Your Board would like to take this opportunity to thank these men and to wish them well in their new endeavors.

In 1971, 13 new services were added to the system making a total of 639 of which 14 are inactive. Thirty eight meters were checked and repaired where necessary.

Test wells were installed during August in the second hollow off Old Kings Rd. The pumping test indicated that this site will yield approximately 500,000 gallons a day. A portion of the report concerning this pumping test, prepared by Whitman and Howard, Inc., is enclosed at end of our annual report. The Engineers have recommended the construction of a pumping station at this new well site and the Water Commissioners have concurred with this recommendation.

Whitman and Howard, Inc. were also directed by the Water Commissioners to prepare a report of the future water needs of the Cotuit District. This study is also enclosed at the end of this report.

The Commissioners welcome Mr. Paul Wiggins as the new assistant in the Water Department.

RECORD OF WATER PUMPED

Total Water Pumped	82,139,700 gals.
Largest Week July 1-7	4,836,000 gals.
Largest day Aug. 2nd	910,000 gals.

RECEIPTS

Water	\$36,302.22
Service Connections	3,179.04
Others	1,520.19
Total Receipts	\$41,001.45
Accounts Receivable—\$1,357.32	Water Liens—\$745.70

EXPENDITURES

Regular Appropriations

	Appropriated	Spent	Balance
Maintenance & Operation	\$36,091.00	\$27,822.66	\$8,268.34
Service connections	4,475.00	4,007.78	467.22
Regular Ext. Acct. account	2,500.00	Transferred to salary	

Special Appropriations

	Appropriated	Pre. Spent	Spent 1971	Balance
1965 Land Purchase	\$12,500.00	\$10,445.88	None	\$2,054.12
1971 Test Wells	8,000.00	None	6,991.14	1,008.86

MAINTENANCE IN DETAIL

Supt. Salary	\$9,216.00
Asst. Salary	6,339.65
Office Expense	360.85
Telephones	616.63
New Eng. Water Works	15.00

Maintenance of the System	2,500.00	
Truck Expense	855.40	
Chemicals	228.96	
Rustop System	216.00	
New Equipment	800.00	
Water Shed & Grounds	60.00	
Unclassified (Printing etc.)	84.35	
Repair to pumps & Motors	500.00	
Leg. Eng. & Clerk Hire	666.48	
Cast Iron Pipe & Fittings		
Engine Fuel	181.15	
Freight & Express		
Lights & Power	2,937.96	
Station heating	353.34	
Building Repair		
Tools & Hardware	139.83	
Insurance	1,741.06	
Bonds	10.00	
		\$27,822.66

Stock Inventory

Stock on hand Dec. 31, 1970	\$14,822.31	
Stock on hand Dec. 31, 1971	17,234.18	
Increase in Inventory		\$2,411.87

Respectfully submitted

JOSEPH HALLETT

JAMES DOWNEY

F. M. GIFFORD, JR.

Board of Water Commissioners
Cotuit Fire District
Cotuit, Massachusetts

Gentlemen:

This report will estimate the present day capacity of the Cotuit water system and compare this capacity with the future need for water based on the projected population which will require service from the water system.

The present Cotuit water system consists of three (3) pumping stations, two (2) elevated water storage tanks and a network for the distribution of the water throughout the Cotuit Fire District. The present day combined capacity of the three pumping stations is about 1.5 mgd (million gallons per day). Each elevated storage tank has a capacity of 200,000 gallons resulting in a present day total storage capacity of 400,000 gallons for the District. This means that the water supply and storage system is presently capable of furnishing at its best about 1.9 million gallons on a given day with the storage tanks initially full and the three pumping stations operative on a 24 hour per day basis.

Attached to this report are two graphs, one a population projection, the other a projection of the maximum day demands for water. Both graphs project to the year 2020. The Cotuit system serves essentially two populations, the year round population and the increased population during the summer months. The projections shown on Figure 1 are for the larger summer population that the water system will have to be capable of serving. During the summer of 1971, the Cotuit population was about 2700 people. It is projected to reach about, 11,500 people by the year 2020. Our population projection was based on the results of two reports, one entitled "Water Resources in Barnstable County, Cape Cod, Massachusetts" prepared by the Massachusetts Water Resources Commission in July 1963, the other entitled "Report on Proposed Sewerage System, Barnstable, Massachusetts" prepared by Whitman & Howard, Inc. in July 1971. Using the population projection presented in these two reports together with the fact that Cotuit still has much land that could be developed, we arrived at the graph shown in Figure 1. A maximum day water demand per capita of 200 gallons was used to project the maximum day domestic water demand for Cotuit in the

year 2020. This rate of 200 gallons per capita per day (gpcd) was based on past consumption records of towns similar to Cotuit. Figure 2 shows the projected water demands to the year 2020 and indicates that the maximum day domestic demand for Cotuit in the year 2020 will be about 2.3 mgd. In addition to meeting this demand, the water system should also be able to meet a fire demand of 2000 gallons per minute for a ten hour period. This means that the water system should be able to furnish about 3.5 million gallons on the day when the fire demand and the maximum day domestic demand coincide.

Optimum water storage should be such that the storage facilities would be able to supply enough water to meet the fire demand plus about 20 percent of the maximum day domestic demand. This would mean that the optimum storage for Cotuit would be about 1.6 million gallons when the maximum day domestic demand reaches 2.3 mgd as projected for the year 2020. Cotuit therefore should consider additional storage facilities for about 1.2 million gallons.

The preceeding discussion indicates that in 1970, the Cotuit water system reached the point of just being able to meet the maximum demand for water which consisted of sufficient water to satisfy maximum day domestic usage plus a potential fire demand of 2000 gallons per minute for 10 hours. So that the Cotuit water system will be able to meet the maximum demand for water in 1972 and be able to continue to meet the increasing demands in the future, it is recommended that the Cotuit Fire District, by its Board of Water Commissioners, take immediate steps to develop new sources of water supply. One new source of water would be the development of the 300-350 gallon per minute well recommended in our November 1971 report entitled "Report on Prolonged Pumping Test, Cotuit Fire District, Cotuit, Massachusetts". The reconditioning of the existing well field at the main pumping station off Rte. 28 plus new pumping equipment should increase the yield from this station by about 200 gallons per minute. A cost estimate for this reconditioning work together with new pumping equipment, possible injection wells for treatment of iron and engineering and contingencies would be about one hundred ten thousand dollars (\$110,000). In addition to the above sources of additional water, it would be advisable for the District to start a test well investigation pro-

gram to find new sources of groundwater. The appropriation of fifteen thousand dollars (\$15,000) to fund such a program would be sufficient.

The District should also consider finding sites for additional storage facilities at this time as land costs generally tend to increase with time.

Board of Water Commissioners
Cotuit Fire District
Cotuit, Massachusetts 02635

Gentlemen:

This report will encompass the results of a prolonged pumping test conducted for the Cotuit Water Department by the Layne New England Company during August, 1971. The prolonged pumping test was conducted at the site of Test Well No. 1 located about 1400 feet northeast of Main Street and about 3100 feet west of Putnam Avenue as shown in Appendix A.

An eight inch diameter well positioned two feet from Test Wells 1 and 1A was driven to a total depth of 48 feet with a ten foot section of #20-slot screen installed between the depths of 38 feet and 48 feet. In addition to the eight inch well, three (3) observation wells, numbered, 2, 3 and 4 were driven to respective depths of 50 feet, 50 feet and 48 feet. The location of these observation wells with respect to the eight inch well are shown in Appendix C.

The prolonged pumping test began at 3:00 P.M., August 16, 1971 and ran continuously for seven (7) days, ending at 3:00 P.M. August 23, 1971. The pumping rate at the beginning of the test was about 180 gpm (gallons per minute) which was increased to about 210 gpm at 12:30 P.M. on August 17 and then increased to 225 gpm at 12:30 P.M. on August 19. The pumping rate then remained constant at 225 gpm until the end of the test. The graph showing the water levels observed during the test can be found in Appendix C. This graph shows that stabilization was indicated at a drawdown of about 10.5 feet at the pumping rate of 180 gpm. Stabilization was again indicated at a drawdown of about 12 feet when the pumping rate was increased to 210 gpm. At the pumping rate of 225 gpm, stabilization was reached at a drawdown of about

14 feet. The results of this test indicate a specific yield for this well of about 16 gallons per minute per foot of draw-down. A 48" x 24" gravel packed well constructed at this site to a depth of 48 feet could be expected to yield about 300 to 350 gpm.

Throughout this prolonged pumping test, water samples were taken to be analyzed by the Massachusetts Department of Public Health. The results of these analyses can be found in Appendix D. The water was found to be of good quality both physically and chemically. There was no odor or turbidity noted. The only indication of color was found in the sample collected on August 22 and this color level was within acceptable limits. The other three samples collected during the test indicated no color at all. The iron and manganese levels were well below the maximum acceptable levels for iron and manganese of 0.3 milligrams per liter and 0.05 milligrams per liter respectively. The pH and alkalinity levels, however, indicate that the water tends to be corrosive. In general the quality of the water was noted to be well within the limits set by the 1962 United States Public Health Service Drinking Water Standards.

We understand that the Cotuit Fire District presently owns all the land within a 400 foot radius of the site of this prolonged pumping test. If this is not the case, the District should take all necessary steps to see that all the land within a 400 foot radius is purchased. If this step is necessary, it should only be taken following the approval of the well site by the Massachusetts Department of Public Health.

We recommend that the Cotuit Fire District, through its Board of Water Commissioners, following approval by the Massachusetts Department of Public Health, construct a gravel packed well and pumping station at the site of the above prolonged pumping test together with access road and the water mains necessary to enter the District's water distribution system. The estimated cost for this work follows:

Gravel packed well 48 feet deep	\$22,000.00
Pumping station	25,000.00
Pumping equipment	32,000.00
Access road and pipeline	7,500.00
Engineering and contingencies	21,500.00
Total	\$108,000.00

REPORT OF THE PRUDENTIAL COMMITTEE

To the citizens of the Cotuit Fire District:

Your Prudential Committee submits herewith its report for the year of 1971.

At the annual Fire District Meeting, Peter C. Murray was elected to the Prudential Committee for a term of three years.

The District tax rate for 1971 was \$8.00 per thousand.

The present valuation of the Cotuit Fire District is \$6,208,850.

In June the Prudential Committee accepted the resignation of Robert O. Dottridge as Fire Chief, to become effective July 1. We did so with much regret. Robert Dottridge has faithfully served our District as Fire Chief for many years and will be greatly missed.

Arthur Gomes was appointed by the Prudential Committee to fill the unexpired term as Fire Chief until the next annual meeting. Walter Dottridge was appointed as Second Assistant until the next annual meeting also.

In July we took delivery of our new fire truck, after many months of waiting.

The fire alarm system at the present time is being rung from the Osterville Fire Station and will continue until a more permanent arrangement can be found within our village.

Only two new street lights were requested and wattage was increased in two others throughout the year.

Per instructions from the floor at the last annual meeting, we have met several times with the Water Commissioners to discuss the probability of establishing a Central Accounting System for the District. The Prudential Committee feels all receipts of the District should be payable to one person and therefore eliminating the necessity of separate records of the Water Department and also freeing the Water Department Superintendent from the necessity of acting as an accountant. The Water Commissioners voted to maintain the present bookkeeping system for the time being therefore no definite plans for establishing a central accounting system have been finalized.

Freedom Hall has been used as usual throughout the year by the various organizations. Once again we are indeed grateful to Mr. and Mrs. Fred Frick for their continued care of the grounds without charge to the District.

FREEDOM HALL

Expenditures -- 1971

Fuel	
Walter C. Seudder	\$ 369.55
Insurance	
C. Goodspeed	640.80
Water	
Cotuit Water Dept.	38.00
Services	
Ralph J. Perry	37.10
Walter C. Seudder	25.50
Walter Dottridge	6.00
Telephone	
New England Telephone	96.33
Supplies	
John Hinekey	24.28
Hubbard Paint	63.01
Cotuit Grocery	9.25
Janitor	
Robert Behlman	406.35
Expended	\$1,716.17
Appropriation	1,850.00
Balance to Revenue	133.83
Receipts	40.00

STREET LIGHTS

Appropriation	\$5,700.00
Expended	5,486.79
Balance to Revenue	213.21

COTUIT LIBRARY

Appropriation	250.00
Expended	250.00
Balance to Revenue	.00

James R. Irwin

Louise L. Harmon

Peter C. Murray

REPORT OF THE BOARD OF ENGINEERS

To the citizens of the Cotuit Fire District:

The Board of Engineers submits the annual report for the year 1971.

The loss by fire was estimated at \$17,000 of which \$15,729 has been paid by insurance.

The Department has responded to the following alarms:

Fires	17
Ambulance	57
Oxygen	3
Out of Town	4
Transported by car	4
False Alarm	6
Gas Leaks	2
Total	93

Expenditures and Estimates:

	1970	1971	Est. 1972
Electricity	\$ 223.36	\$ 282.57	\$ 360.00
Telephone	620.98	1,021.09	1,300.09
Heat	275.93	419.62	470.00
Fire Alarm Attendent	880.00	364.00	1,000.00
Insurance	2,302.82	3,159.01	3,259.01
Main. of Equipment	886.59	1,275.73	1,075.73
Main. of Station	966.81	103.83	103.83
Supplies and Equipment	136.04	633.88	922.34
Expenses	190.61	40.00	184.00
Labor	2,898.50	2,825.00	2,825.00
Total Expenditures	\$9,381.64	\$10,124.73	

Appropriation	\$9,400.00	10,500.00	11,500.00	Est. Cost
Balance to Revenue	\$ 18.36	375,27		

The labor accounts was spent as follows :

Fires	\$1,104.50	
Ambulance and Rescue	1,306.75	
Equipment and Station	723.50	
Drills	256.00	462.00
Total Labor	\$3,390.75	3,595.75

The increase in cost of labor for fires and ambulance runs reflects the increase rates established during the year.

The department purchased mobile radio for the Chief's car for \$540.00

The Firemans Association purchased a Poto-Power for the ambulance for rescue work on automobile accidents.

The Department has held 15 fire drills of which 5 were held at the fire training school Hyannis, and 16 Rescue Squad drills. 4 of the classes were on Cardio-Pulmonary Ressuscitation which several members received cards.

The new truck was delivered August 11, 1971. In closing, we wish to thank Robert O. Dottridge for his fine work during the years as Fire Chief, and those who have assisted us during the year.

Respectfully submitted,

Arthur S. Gomes, Chief

John E. Newton, 1st Assistant

Walter Dottridge, 2nd Assistant

COTUIT FIRE DISTRICT WARRANT

Annual Meeting — February 14, 1972

To the Clerk of the Cotuit Fire District GREETING:

You are hereby required and directed to notify and warn the inhabitants of the Town of Barnstable residing within the territory comprising the Cotuit Fire District qualified to vote in District elections and affairs to meet in Freedom Hall, Cotuit, Monday, February 14, 1972 at 8 o'clock P.M., then and there to act upon the following articles:

Article 1. To choose a Moderator for one year.

Article 2. To elect one member of the Prudential Committee for three years, one member of the Board of Water Commissioners for three years, a Clerk, for one year, a Treasurer for one year, Chief Engineer for two years, a Second Asst. Engineer for three years, three Auditors for one year, and to elect any other officials not mentioned.

Article 3. To see if the District will vote to authorize the Treasurer, with the approval of the Prudential Committee, to borrow money from time to time in anticipation of the revenue for the financial years beginning January 1, 1972 and January 1, 1973 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.

Article 4. To hear and act upon the reports of the officers and committees of the District.

Article 5. To receive and act upon the accounts of all persons to whom the District may be indebted.

Article 6. To see what salaries the District will pay the following elected officials: Clerk, Treasurer, Chief Engineer, 1st. Asst. Engineer, 2nd. Asst. Engineer, and Moderator.

Article 7. To see if the District will raise and appropriate the following sums for the financial department:

- (a) \$21,400. for notes and interest
- (b) \$ 4,650. for salaries
- (c) \$ 3,000. for expenses
- (d) \$ 1,500. for assessment of the Barnstable County Retirement Association.

Article 8. To see if the District will vote to raise and appropriate a sum not to exceed \$11,500. for the expenses of the fire department for the ensuing year.

Article 9. To see if the District will vote to raise and appropriate a sum not to exceed \$250. for the maintenance of the Cotuit Library Association Inc.

Article 10. To see if the District will vote to raise and appropriate a sum not to exceed \$2,000. for the expenses of Freedom Hall for the ensuing year.

Article 11. To see if the District will vote to raise and appropriate a sum not to exceed \$5,700. for the purpose of lighting the streets of the District for the ensuing year.

Article 12. Shall certain provisions of Chapter thirty-two B of the General Laws, authorizing any county, city, town or district to provide a plan of contributory group life insurance, group accidental death and dismemberment insurance, and group general or blanket hospital, surgical and medical insurance for certain persons in the service of such county, city, town or district and their dependents, be accepted by this district and shall the district in addition to the payment of fifty per cent of a premium for contributory group life and health insurance for employees in the service of the district and their dependents, pay a subsidiary or additional rate- This action to be restricted to employees of the Cotuit Water Department.

Article 13. To see if the District will vote to raise and appropriate (a) \$6,000. for the water dept. for service connections (b) \$37,976. for the operation and maintenance of the water dept.

- (c) \$2,500. for the water dept. for extensions.

Article 14. To see if the district will authorize the Board of Water Commissioners to grant, in behalf of the District, an easement over District property to F. Maynard Gifford, Jr. his heirs and assigns, provided that in return

the said F. Maynard Gifford Jr. grants an easement over his property to the District.

Article 15. To see if the District will vote to raise and appropriate or borrow and appropriate the sum of \$90,000. to be used to increase the water supply of the District by the construction of a new pumping station, for the purchase and installation of original pumping station equipment, and for connecting the new supply with the present water system with water mains of not less than six but less than sixteen inches in diameter.

Article 16. To see if the District will vote to appropriate a sum from free cash towards the tax levy of the current year.

Article 17. To transact any other business that may legally come before the meeting.

And you are hereby directed to serve this warrant by advertising same in a newspaper printed within the Town of Barnstable seven days at least before the time of said meeting.

Hereof fail not to make due return of this warrant and your doings thereon to said meeting.

Given under our hand this 5th. day of January, 1972.

Prudential Committee:

James R. Irwin

Louise L. Harmon

Peter C. Murray

A True Copy Attest:

F. Maynard Gifford, Jr.

Clerk: Cotuit Fire District