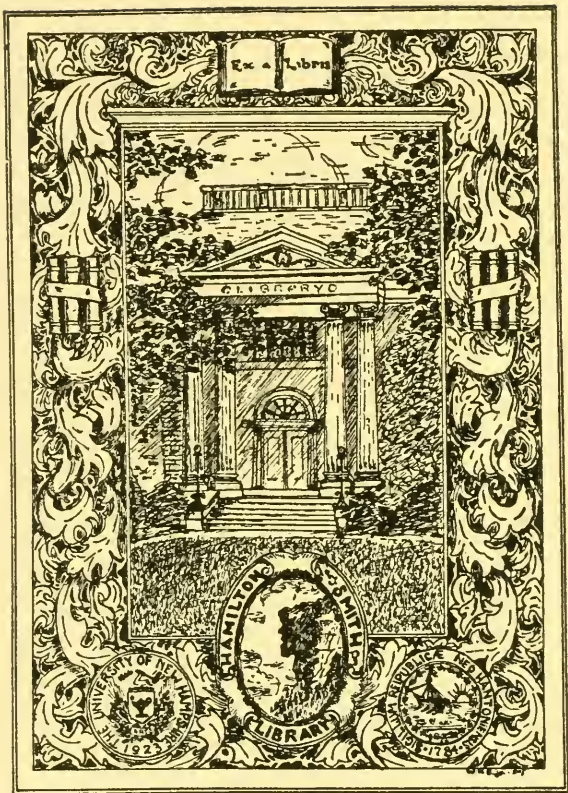


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GIFT OF

Portsmouth, N.H.

Receipts and Expenditures

OF THE

CITY OF PORTSMOUTH

NEW HAMPSHIRE

For the Year Ending December 31,

1922

Also Reports of City Officers, Board of
Instruction, Etc.



CHRONICLE PRINT



PORTSMOUTH, N. H.

CITY GOVERNMENT

1922

HON. FERNANDO W. HARTFORD, Mayor.

ELMER E. CLARK, City Clerk.
ETHEL M. CARKE, City Treasurer.
WALTER H. PAGE, Collector of Taxes.
FRED E. PECKHAM, Auditor.
CHARLES E. LEWIS, City Messenger.

CITY COUNCIL.

Councilmen at Large.

William E. Dowdell	Henry P. Payne
Harry E. Philbrook	Edward S. Downs

Ward Councilmen.

Ernest E. Fredrickson	E. Curtis Matthews
James T. Whitman	Frank H. Churchill
Thomas E. Collins	

CITY OFFICERS.

Committees of the City Council.

Finance—Mayor, Matthews, Philbrook, Dowdell, Whitman.

Fire Department—Payne, Dowdell, Fredrickson

Public Buildings and Places—Philbrook, Matthews, Dowdell, Downs.

Printing—Downs, Churchill, Collins.

Public Library—Matthews, Dowdell, Whitman.

Street Lights—Philbrook, Fredrickson, Downs.

Accounts—Fredrickson, Downs, Collins.

Bills on Second Reading—Payne, Churchill, Downs.

- Claims—Churchill, Dowdell, Collins.
 Elections—Dowdell, Downs, Fredrickson.
 Engrossing Bills—Downs, Matthews, Whitman.
 City Physician—Thomas W. Luce.
 Inspector of Meat—Haven T. Paul, V. M. D.
 City Inspector and Bacteriologist—George A. Tredick.
 Inspector of Plumbing—Arthur W. Robinson.
 Sealer of Weights and Measures—James W. McMullen.
 Inspector of Petroleum—John C. Shaw.
 Superintendent of Burying Grounds—James P. Griffin.
 Harbor Master—Shirley H. Holt.
 Post Wardens—Richard I. Walden, J. William Newell,
 Everett W. Trefethen.
 Lot Layer—John W. Durgin.
 Keeper of Powder Magazine—Harry A. Wood.
 Fence Viewers—Harry W. Peyser, Boardman Randall,
 Flagg F. Grant.
 Inspectors of Flour—H. A. Yeaton, Fred Cross, J. True
 Davis, R. J. Kirkpatrick, A. E. Freeman, H. E. Phil-
 brook, Frank Hersey, Charles Peabody.
 Weighers—Joseph L. Jacoby, Francis Crowley, F. T.
 Hartson, Stewart Humphreys, Frank Newick, Ed-
 ward J. McMulkin, F. F. Grant, Bernard Linchey, C.
 H. Rand, Frank Cragin, Roy H. Blaney, Edward Bick-
 ford, Charles Smith, Hazel Fernald, John C. Shaw,
 John A. Scott, Arthur Gaddis, Frank H. Grace, Wil-
 liam D. Crowley, M. W. Locke, Roscoe T. Williams,
 William Linchey, C. E. Hodgdon, John S. Carll, Wal-
 ter N. Alvey.
 Measurers of Wood—Haven Joy, Arthur Gaddis, F. P.
 Clair, W. A. Bridle, John C. Shaw, John Kellenbeck,
 W. A. Parks, Francis Crowley, John Meloon.
 Surveyors of Lumber—Elmer J. F. Littlefield, Harold A.
 Littlefield, Roy Sugden, R. I. Sugden, Richard Wes-
 ton.

Board of Health.

- Charles H. Batchelder, term expires January 1, 1925.
 Dr. Thomas W. Luce, term expires January 1, 1924.
 Clarence F. Pearson, term expires January 1, 1924.

Board of Public Works.

Chairman, ex-officio—Mayor Fernando W. Hartford.
 Clarence Smart, term expires Dec. 31, 1924.
 Harry B. Yeaton, term expires Dec. 31, 1922.
 Thomas A. Ward, term expires Dec. 31, 1923.
 Superintendent—David R. Smith.

Fire Department.

Chief Engineer—William F. Woods.
 First Assistant Engineer—Perley D. Hersey.
 Second Assistant Engineer—Herman G. Crompton.
 Superintendent of Fire Alarm Telegraph and City Inspector of Wires and Poles—Harry E. Trafton.

Overseer of the Poor.

William A. Hodgdon.

Police Department.

Commissioners—Sylvester F. A. Pickering, Chairman, term expires Sept. 1, 1924; Howard O. Nelson, Secretary, term expires Sept. 1, 1922; Michael J. Griffin, term expires Sept. 1, 1923.
 City Marshal—Michael Hurley.
 Assistant City Marshal—George H. Ducker.
 Captain of Night Watch—James A. McCaffery.
 Police Officers—James H. Doherty, Michael Kelley, John Murphy, Oliver P. Philbrick, Robert D. Anderson, Robert Gray, Dougal D. McLean, Leonard H. Hewitt, John Sullivan, Dennis J. Kelley, Austin P. Ellingwood, Alfred J. Weston, Samuel P. Sullivan, Frank Demars, Timothy J. Connors.

Municipal Court.

Justice of the Municipal Court—Ernest L. Guptill.
 Associate Justice of the Municipal Court—Edward H. Adams.
 Clerk of Municipal Court—Wilbur B. Shaw.
 City Solicitor—Charles M. Dale.
 Probation Officer—Richard D. McDonough.

Board of Instruction.

Mayor Fernando W. Hartford, ex-officio, Chairman.

Frank W. Knight, Ira A. Newick, Lucius H. Thayer,
 Charles P. Carroll; term expires Jan. 1, 1924.
 Ida P. Benfield, Alfred Gooding, John L. Mitchell, Ed-
 ward P. Sherburne; term expires Jan. 1, 1925.
 Charles E. Hodgdon, Mary I. Wood, Richard S. Weston.
 Pearl S. Gray; term expires Jan. 1, 1923.
 Secretary and Superintendent of Schools—William H.
 Slayton, office, City Hall; Alice M. Chase, Clerk.
 Truant Officer—Richard D. McDonough; office, City Hall.

Trustees Public Library.

Chairman, ex-officio, Mayor Fernando W. Hartford.
 Harry W. Peyser, Martha Kimball, term expires June,
 1923.
 Samuel W. Emery, Emma J. W. Magraw, term expires
 June, 1924.
 Wallis D. Walker, D. Alex. Sullivan, term expires June,
 1922.
 William A. Hodgdon, E. Curtis Matthews, Alfred Good-
 ing.
 E. Curtis Matthews, Treasurer.
 Hannah G. Fernald, Librarian.

Assessors of Taxes.

Charles E. Hodgdon, Chairman, term expires Jan. 1, 1925.
 Eben H. Blaisdell, term expires Jan. 1, 1923.
 John G. Yarwood, Clerk, term expires Jan. 1, 1924.

Board of Examiners of Plumbers.

Dr. Thomas W. Luce, term expires January, 1923.
 Clarence F. Pearson, term expires January, 1924.
 Arthur W. Robinson, term expires January, 1925.

Sinking Fund Commission.

Harry E. Boynton, term expires July, 1924.
 Edward Seybolt, term expires July, 1922.
 John W. Emery, term expires July, 1923.

Trustees of Trust Funds.

Harry E. Boynton, term expires January, 1925.
 Edward Seybolt, term expires January, 1923.
 John W. Emery, term expires January, 1924.

Board of Registrars of Voters.

Chairman—James McCabe.

Clerk—Fred T. Hartson.

Ward One—Hiram B. Merrifield.

Ward Two—Charles W. Taylor, Jr., Fred T. Hartson.

Ward Three—James McCabe.

Ward Four—John W. Downs.

Ward Five—John W. Smart.

Ward Officers.

Ward One—Moderator, William J. Gallagher; Clerk, Charles E. Lewis; Selectmen, James A. N. Rugg, George R. Palfrey, James W. McMullen.

Ward Two—Moderator, Richard E. Hannaford; Clerk, Frank J. Philbrick; Selectmen, Albert R. Junkins, Warren P. Webster, Alvin F. Redden.

Ward Three—Moderator, Francis P. Clair; Clerk, James Fullam; Selectmen, John Hooper, Walter Eastman, William Casey.

Ward Four—Moderator, Ernest L. Guptill; Clerk, John W. Newell; Selectmen, George E. Cox, Stephen H. Goodwin, Horace S. Spinney.

Ward Five—Moderator, Walter S. Abbott; Clerk, Elmer E. Clark; Selectmen, George A. Moore, Charles E. Johnson, Ralph A. Jones.

Mayors of the City of Portsmouth.

(The original Charter of the City was adopted by the inhabitants
August 21, 1849).

Hon. Abner Greenleaf.....	1850
Hon. John Loughton.....	1851
Hon. Christopher Toppan.....	1852
Hon. Horton D. Walker.....	1853-54 55
Hon. Richard Jenness.....	1856
Hon. Robert Morrison.....	1857-58-59
Hon. John R. Reding.....	1860
Hon. William Simes.....	1861
Hon. Jonathan Dearborn.....	1862-63
Hon. John H. Bailey.....	1864-65-66
Hon. Jonathan Dearborn.....	1867
Hon. Frank Jones.....	1868-69
Hon. Joseph B. Adams.....	1870-71
Hon. Horton D. Walker.....	1872
Hon. Thomas E. O. Marvin.....	1873
Hon. Frank W. Miller.....	1874
Hon. Moses H. Goodrich.....	1874-75
Hon. John H. Broughton.....	1876-77
Hon. William H. Sise.....	1878-79-80-81
Hon. John S. Treat.....	1882-83
Hon. Calvin Page.....	1884
Hon. Marcellus Eldredge.....	1885-86
Hon. George E. Hodgdon.....	1887-88
Hon. Edmund S. Fay.....	1889-90
Hon. John J. Laskey.....	1891-92
Hon. Charles P. Berry.....	1893-94
Hon. William O. Junkins.....	1895-96
Hon. John W. Emery.....	1897
Hon. John S. Tilton.....	1898
Hon. Calvin Page.....	1899
Hon. Edward E. McIntire.....	1900-01
Hon. John Pender.....	1902
Hon. George D. Marcy.....	1903-04
Hon. William E. Marvin.....	1905-06
Hon. Wallace Hackett.....	1907-08
Hon. Edward H. Adams.....	1909-10
Hon. Daniel W. Badger.....	1911-12-13
Hon. Harry B. Yeaton.....	1914-15
Hon. Samuel T. Ladd.....	1916-17-18
Hon. Albert Hislop.....	1919-20
Hon. Fernando W. Hartford.....	1921-22

Inaugural Address of

HON. FERNANDO W. HARTFORD, MAYOR.

Members of the City Council, Ladies and Gentlemen:

Today we are assuming the responsibility of administering the affairs of the citizens of Portsmouth, and in fact we are heading the largest industry, in point of expenditures that we have in operation today within our city limits. We are taking up these duties at a time when matters affecting the business interest of this city, as well as every other city in the country, are in a more unsettled state, and it will require our constant attention. that we may give the tax payers the very best kind of service during the year. In having the responsibility of fixing the expenses to be met by taxation, we should have in mind the demand of the times in insisting on economy in every department of the city.

Some of us have already served the tax payers, and to the new members we will offer our fullest cooperation in working out some of the problems that confront the City Council, in order that we may act wisely, always having in mind we are simply agents of the tax payers in carrying into effect their wishes.

During the past year when many of our industries and places of employment have been reduced to a minimum, we have done our utmost in the way of providing extra employment through appropriations, in order to, as far as possible relieve the stress of the times. There is no question in my mind as to the feeling of the tax payers; they desire relief and they will have it either through this Board or another.

Public Works.

This department has practically all to do in the expenditure of money in the way of public improvement, and the past year this Board has spent \$27,000.00 for new streets of the asphalt type, and coupled with the large expenditures of the past few years, our streets have been

brought to such an efficiency as to attract most favorable attention from all the tourists that have visited Portsmouth. I believe, and I think you will agree with me, that for a time at least, permanent street construction, except in some necessary instances in the way of continuing through streets, can rest. Not that we do not believe in more of these well built streets, but that it is best that they be given a more extended test and also to relieve the pressure on the public purse. When this work is again undertaken, it can be done more economically and with a saving to the city if handled under the direction of the present superintendent of the Board. While a great expenditure could be made for a new sidewalk, sewer extension, etc., it is well that we pause, take count of stock, and see just where we are at, with a look into the future, and establish beyond any doubt just what our needs are to be, and just what we can afford to spend.

Fire Department.

The past year has witnessed the complete motorization of the Fire Department, as far as needed, thus placing it in the highest state of efficiency that has marked the many years of faithful service, comparing most favorably with any department in New England, and under the present Chief and make-up of the different companies it is ready and fully equipped for any emergency. During the past year, by an addition of the motor hook and ladder truck, this Board effected a saving of \$1860.00 per year by relieving some of the men of the first call. You will not be called upon to furnish any additional fire equipment, and the fixed charges only will have to be met. It is my belief that this fine equipment should result in further savings in the way of reduced fire insurance premiums and a reorganization of some of the companies, thus lessening the call on the annual budget.

Police Department.

The past year has witnessed no change in the Police Department, with the exception of the appointment of Dr. S. F. A. Pickering as Commissioner in place of George B. Wallace, who was not reappointed. No man in the de-

partment took a keener interest and gave more attention to the police requirements than Mr. Wallace. Here is an illustration of state control and where the tax payers and citizens have no voice in their affairs. Mr. Wallace expected reappointment and deserved it, and yet he was superseded by another. Not that the people have any objection to Dr. Pickering, but they do disapprove of the methods that are employed to stamp out entirely independence of thought, or action, on the part of public servants who fail to serve some one other than the whole body politic.

The police station from a sanitary point and in every other way is unfitted to house the unfortunates that are obliged to be handled by the Police. It is poorly ventilated, is damp, and it would require a vast expenditure to make it a decent place for unfortunates obliged to spend a night. Some changes must be made before long to relieve the situation. The Department to a man is active and renders prompt and efficient service.

Labor.

Through a lack of activity in our industries there is a surplus of labor hereabouts and it will require the best efforts of all our people to provide work that these deserving men may be provided with the means of support for themselves and their families. During the past year much time has been given to this and I believe that this office has rendered efficient service in finding employment for a great many men. The work on the bridge approach should be done by local labor so far as possible, and as the bridge is to be a Memorial to the deceased World War Veterans, these deserving men should be given preference. Incorporation in the allotment of funds for the employment of local labor should be demanded.

The Bridge.

December 29th marked the final approval of the bridge approach plans, and this big undertaking and work will be completed long before it is required as a means of access to the bridge. It has taken much time and study in the work of securing the property and site to bring this

to a successful completion. The Board of Public Works will do all the fill work, grading, etc., and it will prove an attractive piece of work when ready for use.

Chamber of Commerce.

We have today a Chamber of Commerce of nearly 700 members and under wise leadership should prove beyond any doubt a reason satisfactory to the people for its existence. To my mind—and I hope it will meet with your approval—it should definitely fix just what it proposes to do for the people and then strive to reach that goal. In many cities the Chambers of Commerce have failed because it has attempted to regulate and run everything. I believe that the local Chamber is on the right road, and that it will be a valuable asset to the community and will prove this by undertaking a few certain things and bringing them into existence as a reality.

City Hall.

The present inadequate structure stands as it did on January 1, 1921, not in keeping with even a progressive town, but the Council has believed it unwise to spend any public funds in attempting to improve the building. I believe that all the people of Portsmouth would like to see a City Building in keeping with our progressive community, but this can only be accomplished when the financial standing of the City will permit.

Public Parks and Playgrounds.

I personally feel that more consideration should be given to the proper equipment and extension of our public playgrounds, both for winter and summer use. I sincerely hope that the present year will see many improvements to our public parks and playgrounds.

The situation at the Portsmouth Plains should be settled. The Memorial Park as it exists should be settled once and for all, and the establishment of a playground suitable for both old and young should be laid out there to be improved and enlarged as funds will permit. For years the City has lived in hopes of provision being made by some of her sons and daughters of wealth that would

stand as a memorial to their memory, but up to date this hope has been entertained in vain. In various cities of the country it is a pleasure on touring to have pointed out magnificent buildings and parks to the memory of this or that distinguished citizen. The failure of Portsmouth to be thus remembered may be the fault of our own people.

Polling Places.

The places for voting in Wards 1, 3, 4 and 5 are inadequate and a disgrace especially in the cases of Wards 1 and 4. I recommend most strongly that you give good consideration this year for the selection of proper polling places, by the use of public school buildings, that the men and women of this City may be given a safe place in which to exercise their right of suffrage. This can be done with very little trouble and should be one of the first things to be settled.

Public Library.

I wish this Board might be able to do something to attract more attention and financial support to our Public Library. It is a well managed institution and is doing excellent work in building a better community. It is an institution for learning that could do more and better work if it had the funds.

Water Department.

This important department for a number of years was poorly managed and suffered from waste, but I am happy to say that I believe the present superintendent, Mr. Smith, with the cooperation of the Board, is whipping the Water Department into shape. This shape should earn for the City from \$40,000.00 to \$60,000.00 a year net, when the present improvements are in full operation and this should care for the maintenance of the Public Works Department.

School Department.

The School Department is now in the best condition in the history of the Department. All of the schools are adequate with the exception of those in the Haven District, and possibly the Atlantic Heights. The Haven School

should be enlarged so that everyone receive the same attention while passing through the grades. If the Atlantic Heights colony is to continue and it is hoped that it will, provision should be made there for an adequate school building, properly heated and with safeguards against fire.

Some criticism has been directed at the High School, but from my observation this has been an injustice. The graduates from the local institution have made good in colleges and preparatory schools and also when taking up fields of occupation in the larger cities and communities.

Family Welfare Association.

This organization is doing a service that should entitle it to the heartiest kind of praise. From my intimate connection with the organization during the past year it has handled upwards of 100 cases, that I have directed to them, with the greatest consideration.

Taxation and Finances.

Taxation is a question which has been agitating the people of the small town, city and the country. From a year of the closest kind of study of city taxation I am convinced that no one person in the City of Portsmouth could claim to reduce the tax rate of the City. It is a question of what the citizens demand from the Board. We have a complete lighting system, fine streets, parks, and schools, maintained in every degree as well as a city three times the size of Portsmouth. The only way to reduce the taxation would be a turning back from progressiveness to the old days of inefficiency and when positions went to the various party leaders in the respective Wards. Had the Mayor power, a saving of several thousand dollars might be made by the amalgamation of some of the Departments with a corresponding reduction in overhead expense.

In regard to finances, the present Council paid bills amounting to over \$27,000.00 that were left over from the previous administration. During the past year the Water Department paid out of its earnings \$29,401.40 for the construction of new wells which will increase the

water supply and decrease materially the cost of operation. Today there are only a few bills outstanding. With the State Tax of \$52,000.00, the School Tax amounting to \$5,000.00 and the Bonus levy amounting to \$13,000.00 paid and the obligations against the Atlantic Corporation which the Emergency Fleet Corporation has promised payment within a short time, the 1921 City Government will finish the year with a balance of several thousand dollars. This will go over for the coming year. With those facts I have learned from the past year, I believe that the year 1922 should be one of the most successful in the history of the City of Portsmouth.

City Charter.

A year at City Hall has convinced me that our City Charter is a muddle which shows clearly the efforts of the politicians to keep control of the City in their hands. Such laws as have been made make the claim that the City Governments are inefficient, seem plausible. The City would receive improved management with a proper Charter. The members of this body, no matter how capable, have their hands tied. The special act creating the Board of Public Works should be rewritten and made clear in order to bring about a closer relationship with the Council.

The powers of the Mayor should be enlarged so that responsibilities could be rightfully placed, whereas at the present time his authority has been taken away by legislative act. A City Council elected by the people, without political designation, by selection of candidates in primary with possibly fewer members and with control of the Police Department taken out of the State's hands would correct many of the faults now existing.

I hope that all who believe in Portsmouth will see to it that we have a new charter drawn and that every man serving the City is accountable to the people.

Portsmouth of the Future.

I believe the future of the City never looked any brighter and I make this statement taking into consideration the excess business done here during the war. While

we cannot expect immediately to reach the high peak that business attained in Portsmouth during the World War days, there is every indication that business conditions will pick up and gradually reach that pinnacle again. The future of the Gale Shoe and Morley Button companies is indeed rosy.

Some advance has been made in the way of bringing to the attention of every state, the advantages offered by Portsmouth Harbor for commerce. The United States Government has been furnished with all the information at our command, with sketches of piers and improvements that could be made. The effort to restore our fleet of coal-carrying vessels should not be lessened. It is deserving of the best efforts of every business man and of the community.

The Portsmouth Cold Storage plant complete and in operation, is proving the necessity for its existence and has attracted the attention of the various state farmers' organizations. Before the close of the present year I believe that we will see Noble's Island an immense depot for the distribution of all kinds of oil and gasoline for all demands. When the affairs of the Atlantic Corporation are settled in the courts, I am fully convinced that we will see a good sized industry there on Freeman's Point. The Atlantic Dyestuffs Company is also planning extensions.

The Navy Yard stands as firm as the Rock of Gibraltar and has withstood all the attacks of some of the little men of the country who do not realize its vastness and greatness when it comes to serving a fleet of any size, either of submarines or of capital ships. This Naval Station will be serving the needs of the country long after petty politicians pass into obscurity.

ANNUAL REPORT
OF THE
CITY AUDITOR

OF THE
City of Portsmouth, N. H.



Population, 13,475.

Total Acres, 9,702, or 15.15 Square Miles.

FOR THE YEAR ENDING DECEMBER 31,
1922

CITY GOVERNMENT

1922

HON. FERNANDO W. HARTFORD, Mayor

Councilmen at Large.

William E. Dowdell	Henry P. Payne
Harry E. Philbrook	Edward S. Downs

Ward Councilmen.

Ernest E. Fredrickson	E. Curtis Matthews
James T. Whitman	Frank H. Churchill
Thomas E. Collins	

Committees of the City Council.

Finance—Mayor, Matthews, Philbrook, Dowdell, Whitman.

Fire Department—Payne, Dowdell, Fredrickson.

Public Buildings and Places—Philbrook, Matthews, Dowdell, Downs.

Printing—Downs, Churchill, Collins.

Public Library—Matthews, Dowdell, Whitman.

Street Lights—Philbrook, Fredrickson, Downs.

Accounts—Fredrickson, Downs, Collins.

Bills on Second Reading—Payne, Churchill, Downs.

Claims—Churchill, Dowdell, Collins.

Elections—Dowdell, Downs, Fredrickson.

Engrossing Bills—Downs, Matthews, Whitman.

CITY GOVERNMENT

1923

HON. SAMUEL TILDEN LADD, Mayor

Councilmen at Large.

Harry E. Boynton
Wm. E. McEvoy

John W. Emery
Mortimer L. Raynes

Ward Councilmen.

Wm. F. Fernald
James T. Whitman

Orel A. Dexter
Horace W. Gray
Thomas E. Collins

Committees of the City Council.

Finance—Mayor, Boynton, Emery, McEvoy, Raynes.
Fire Department—Raynes, Gray, Dexter.
Printing—Collins, McEvoy, Whitman.
Public Buildings and Places—Fernald, Raynes, Whitman.
Street Lights—Emery, Gray, Collins.
Accounts—Boynton, Collins, Dexter.
Public Library—Whitman, Gray, Boynton.
Bills on Second Reading—Collins, Fernald, Dexter.
Claims—McEvoy, Emery, Boynton.
Elections—Whitman, Emery, Fernald.
Engrossing Bills—Emery, McEvoy, Raynes.

General Balance Sheet, December 31, 1922.

CITY OF PORTSMOUTH

CAPITAL ASSETS.

Real Estate	\$454,175.00
Personal Property	60,496.00
Water Works	400,000.00
Sinking Fund	471,875.28
Trust Funds	37,582.21
	\$1,424,128.49

CURRENT ASSETS.

Revenue Fund Uncollected Taxes, Exhibit V	\$89,878.95
Tax Sale Account, Exhibit VI	6,099.43
Cash—	
General	14,041.67
Bridge Approach	14,367.45
Coupon & Bond Account	8,510.00
	132,897.50

WATER FUND.

Uncollected Rates and Accounts	8,128.01
Cash—General, Exhibit IV	13,794.68
Bond & Coupon Account	6,520.00
	28,442.69

\$1,585,468.68

CAPITAL LIABILITIES.

Funded Debt	\$1,128,000.00
Trusts	37,582.21
Atlantic Heights Contract	66,091.74
Capital Surplus	192,454.54
	\$1,424,128.49

CURRENT LIABILITIES.

Dept. Accounts Payable, Exhibit II	\$70,456.89
Bridge Approach	14,367.45
Outstanding Bonds & Coupons	8,510.00
Revenue Fund, Exhibit III	39,563.16
	132,897.50

WATER FUND.

Accounts Due, Exhibit IV	394.25
Coupons Due and Outstanding	6,520.00
Water Fund Surplus	21,528.44
	28,442.69

\$1,585,468.68

Report of the City Treasurer for the Year Ending

December 31, 1922.

EXHIBIT I.

RECEIPTS.		
Lines		\$5,035.28
INTEREST.		
On deposit	\$8,166.02	
On taxes	3,264.31	
On bonds	1,395.00	
	-----	12,825.33
LICENSES.		
Pool	430.00	
Junk	175.00	
Milk	82.00	
Theatre	799.00	
Pedlers	18.00	
Jitneys	362.00	
Plumbing	13.50	
Auto	34.00	
Employment Agency	2.00	
Pawnbrokers	50.00	
Gasolene	12.00	
Second Hand Dealers	10.00	
Roller Skating	96.00	
Circus	78.00	
	-----	2,161.50
DEPARTMENTAL.		
Administration	54.27	
Fire	71.80	
Police	679.55	
Public Buildings and Places	525.52	
	-----	1,331.14
PUBLIC WORKS.		
Highway Division	2,745.02	
Highway Division	8,438.39	
	-----	11,183.41
Parks		2,489.71

SCHOOLS.

Tuition		4,062.50	
Dog Licenses		1,436.20	
Sundry		408.71	
			<hr/> 5,907.41

TAXES.

	1921	1922	
Insurance	\$ 944.81	\$90.56	
Railroad	9,365.68	9,863.02	
Savings Bank*	19,357.32	19,429.74	
Building Loan Ass'n ..	328.93	298.52	
	<hr/>	<hr/>	
	\$29,996.74	\$29,681.84	59,678.55

Automobile Taxes 18,121.41

TAX LEVIES.

1917-1921	684.65	
1920	3.00	
1921	87,212.53	
1922	475,194.86	
Tax Sales	24,584.75	
	<hr/>	587,679.79

Real Estate, Sale of Spaulding School 2,000.00

Bridge Approach 473.13

STATE BONUS TAX.

1920	2.00	
1921	2,916.00	
1922	9,776.00	
	<hr/>	12,694.00

Total Receipts 721,580.69

Notes Discounted 150,000.00

Cash, January 1, 1922 134,842.73

\$1,006,423.42

PAYMENTS.

ADMINISTRATION.		
Assessors	\$4,162.76	
Collector of Taxes	4,188.02	
Elections	2,511.13	
Salaries	6,100.00	
General Expense	3,621.97	
		20,583.88
DEBT.		
Interest	38,795.25	
Bonds	31,500.00	
Atlantic Heights Contract	15,191.60	
		85,486.85
Fire		47,060.69
Fire Alarm		980.91
Health		3,755.57
Municipal Court		1,918.92
Police Department		36,956.93
Poor Department		6,205.16
Public Buildings and Places		5,596.04
Public Library		5,000.00
PUBLIC WORKS.		
Highway Division	97,298.00	
Parks	6,944.25	
		104,242.25
Schools		144,467.59
Street Lights		15,235.07
TAXES.		
County	45,443.70	
State, 1921 and 1922	139,904.50	
Abatements	4.00	
		185,352.20
MISCELLANEOUS.		
Portsmouth Hospital	500.00	
Memorial Day	200.00	
Claims	15.00	
Fourth of July	418.92	
Contingent	4,000.00	
Sundry	218.75	
		5,352.67
Weights and Measures		496.67
State Bonus Tax		26,324.00
Tax Sale Account		25,836.21
Bridge Approach		86,225.38
Haven School Addition		20,937.31
Total Expenditures		\$828,014.30
Notes paid		150,000.00
Cash, December 31, 1922		28,409.12
		\$1,006,423.42

EXHIBIT II.

Statement of Department Expenditures for the Year 1922.

Departments	Balance 12-31-21	1922 Approps.	Credits 1922	Transfers To	Trnsfrd From	Total Expended	Balance 12-31-22
ADMINISTRATION.							
Assessors	\$74.25	\$4,500.00			\$391.84	\$4,162.76	\$19.65
Collector of Taxes	452.66	2,700.00	1,835.36			4,188.02	800.00
Elections	570.04	3,000.00	111.07			2,511.13	1,169.98
Salaries		6,100.00				6,100.00	
General Expense	431.44	2,100.00	1,453.36			3,621.37	362.83
DEBT.							
Interest	1,546.50	37,659.75			411.00	38,795.25	
Bonds		32,500.00			1,000.00	31,500.00	
Sinking Fund	10,000.00	8,300.00				15,191.60	18,300.00
Atlantic Heights Cont.	15,191.60	30,691.60				57,060.69	30,691.60
Fire Department	8,438.14	22,465.00	16,216.45			890.91	58.90
Fire Alarm Department	58.34	1,143.00			106.42	3,755.57	114.01
Health Department	93.09	3,650.00	25.15			1,918.92	12.67
Municipal Court	18.00	1,950.00			49.08	36,956.93	42.93
Police Department	159.23	32,675.00	4,165.63			6,205.16	422.71
Poor Department	812.10	7,000.00			1,184.23	5,596.04	946.31
Public Buildings and Places	129.49	2,790.00	3,622.86			5,000.00	
Public Library		5,000.00					
PUBLIC WORKS.							
Highway Department	2,380.26	86,125.00	8,438.39		770.85	94,116.17	2,056.63

Asphalt Plant		7,500.00			3,181.83	4,318.17
Parks	7.50		2,489.71		6,944.25	10.00
Schools	2,404.31	7,075.00	5,907.41		144,467.59	7,854.27
Street Lights	1,275.74	137,212.00			15,235.07	1,272.48
TAXES.						
County		45,443.70			45,443.70	
State	88,818.17	57,495.00		6,108.67	139,904.50	
Abateents		2,000.00			4.00	1,996.09
Discounts		7,500.00		4,293.69	11,793.69	
MISCELLANEOUS.						
Portsmouth Hospital		500.00			500.00	
Memorial Day		200.00			200.00	
July Fourth		300.00	118.92		418.92	
Claims	15.00	200.00		200.00	15.00	
Contingent		12,500.00		8,500.00	4,000.00	
Sundry			218.75		218.75	
Weights and Measures	16.30	500.00		11.88	496.67	7.75
Haven School Addition		16,000.00			20,937.31	
Bridge Approach Account ...	100,119.70		473.13		86,225.38	14,367.45
State Bonus Tax	13,630.00		12,694.00		26,324.00	
	\$246,641.86	\$590,975.05	\$30,002.64	\$52,828.50	\$21,651.93	\$84,824.34
		30,002.64			84,824.34	
		52,828.50			21,651.93	
	\$920,448.05	\$920,448.05			\$920,448.05	

EXHIBIT III.

Statement of Revenue Fund for Year 1922.

Appropriations	\$590,975.05	Finances	\$5,035.28
Transfers to Departments	52,828.50	INTEREST.	
Transfers to Departments	7,361.50	On Deposit	\$8,166.02
Revenue Surplus Dec. 31, 1922	39,563.16	On Taxes	3,264.31
		On Bonds	1,395.00
		LICENSES.	
		Pool	430.00
		Junk	175.00
		Milk	82.00
		Theatre	799.00
		Pedlars	18.00
		Fitness	362.00
		Plumbing	13.50
		Auto	34.00
		Employment Agency	2.00
		Pawnbrokers	50.00
		Gasoline	12.00
		Second Hand Dealers	10.00
		Roller Skating	96.00
		Circus	78.00
		DEPARTMENTAL.	
		Administration	54.27
		Fire	71.80
		Police	679.55
		Public Buildings and Places ..	525.52
		Public Works, Highway Div. ..	2,745.02
		TAXES.	
		Levy 1922	576,375.48
		Insurance	90.56
		Railroad	9,863.02
		Savings Bank	19,429.74
		Building and Loan	298.52
		Automobile	18,121.41
		Miscellaneous	2,000.00
		Total Revenue 1922	\$650,277.00
		Transfers from Departments	21,651.93
		Balance forward 1921	\$671,928.93
			18,799.28
			\$690,728.21

REVENUE FUND.

Comparative Statement of Receipts and Expenditures for Years 1916-1922 Inclusive

Receipts	1916	1917	1918	1919	1920	1921	1922
Tax Levies	\$264,073.24	\$275,396.41	\$305,010.88	\$427,043.08	\$522,595.60	\$537,626.48	\$605,801.20
State Taxes	31,992.76	32,417.89	30,955.20	32,251.25	33,520.53	29,996.74	29,681.84
Licenses	16,602.46	15,698.60	3,374.34	3,176.80	2,824.95	2,499.00	2,161.50
School Income	6,472.93	6,774.66	4,823.75	6,015.18	4,492.20	5,501.40	5,907.41
Miscellaneous	34,608.68	83,484.75	10,485.59	102,044.49	138,781.97	180,231.01	48,032.00
Total Receipts	\$352,850.07	\$413,722.31	\$354,646.76	\$570,530.80	\$702,215.25	\$755,854.63	\$691,583.95
Expenditures.							
DEBT.							
a Interest	\$24,344.17	\$22,737.97	\$22,237.19	\$24,636.69	\$22,717.50	\$33,536.67	\$38,795.25
b Sinking Fund	68,000.00	11,250.00	40,700.00	9,000.00	9,000.00	8,600.00	8,600.00
c Notes and Bonds	14,000.00	22,500.00	27,000.00	22,000.00	17,000.00	40,127.50	31,500.00
Departments	124,582.78	152,006.33	205,696.24	245,515.88	450,444.40	308,169.70	412,711.66
School	\$230,926.95	\$208,494.30	\$235,633.43	\$292,152.57	\$499,161.90	\$390,433.87	\$483,006.91
TAXES.	66,113.58	75,316.70	79,731.82	106,785.86	126,843.22	153,216.26	144,467.59
a State	22,485.00	24,446.00	23,008.00	65,010.00	50,235.00	82,409.50	56,495.00
b County	26,400.05	25,507.19	29,869.72	38,322.96	38,322.96	48,112.67	45,443.70
c Abatements	656.38	729.50	511.15	9,124.26	2,838.73	1,355.22	4.00
d Discounts	6,568.04	6,231.69	6,649.58	9,312.86	11,599.44	11,551.92	11,793.69
e Atlantic Heights Addition				12,568.50	12,656.56	15,191.60	
Total Expenditures	\$353,150.00	\$340,725.38	\$435,403.70	\$533,279.01	\$741,657.81	\$702,271.04	\$741,210.89

EXHIBIT IV. Statement of Water Funds December 31, 1922.

MANAGEMENT.		
Salaries	\$4,036.45	Water Rates
Expense	584.39	Renewals
Telephone	222.06	New Service
		Rents
	\$4,842.90	Interest
OPERATION.		Maplewood Ave. Extension
Pay Roll	11,765.08	Sewers
Fuel	5,667.74	Meters
Electric Power	8,732.27	Fittings
Material and Supplies	3,364.96	Material and Supplies
Incidentals	230.00	Layne & Bowler
		Sale of Pumps
	29,760.05	Repairs to Hydrants
		Sale of Horse (Balance)
		Refund
		Telephone
	16,411.86	
EXTENSION AND CONSTRUCTION.		
Pay Rolls	509.02	
Material and Supplies	466.87	
Auto Expense	1,067.73	
New Wells	11,870.69	
New Pumps	5,446.97	
Maplewood Ave., Ext.	1,442.48	
	20,803.76	
DEBT.		
Interest	14,527.50	
Bonds	5,000.00	
	19,527.50	
Total Expenditures	\$91,346.07	Total Receipts
Cash December 31, 1922	13,794.68	Cash on Hand January 1, 1922
	\$105,140.75	
CURRENT ASSETS.		
Uncollected Water Rates	8,128.01	
Cash December 31, 1922	13,794.68	
Boston Coupon Account	6,520.00	
	\$28,442.69	
CURRENT LIABILITIES.		
Accounts Payable	394.25	
Coupons due Outstanding	6,520.00	
Revenue Surplus	21,528.44	
	\$28,442.69	

COMPARATIVE STATEMENT, WATER FUNDS.

Receipts	1916	1917	1918	1919	1920	1921	1922
Water Rates	\$68,494.85	\$64,251.70	\$70,411.02	\$108,292.78	\$107,408.82	\$110,658.70	\$89,725.81
Service and Connections	2,626.97	817.91	1,639.68	1,648.78	874.12	1,615.83	1,603.01
Rents	146.50	140.00	168.00	140.00	2.70	350.00	136.00
Interest	204.92	335.08	1,715.86	1,957.97	1,480.80	827.36	869.38
Miscellaneous	5,352.78	379.19		94.20	485.75	942.04	4,603.65
Sale of Bonds			35,157.50				
	\$76,826.02	\$65,923.89	\$109,092.06	\$112,133.71	\$110,252.19	\$114,393.93	\$96,937.85
Expenditures.							
Management	2,725.64	2,870.29	3,217.29	3,303.13	4,316.71	4,789.06	4,842.90
Operation	15,642.80	24,546.57	29,921.83	45,911.69	44,344.78	34,918.17	29,760.05
Mains and Services	7,969.67	9,889.11	15,292.78	17,771.10	24,850.05	19,063.17	16,411.86
Extension and Construction	376.44	1,231.10	1,576.23	1,461.41	18,772.16	34,315.73	20,803.76
Interest	14,390.00	14,590.00	14,550.00	16,085.00	15,932.50	15,667.50	14,527.50
Sinking Fund	23,420.00	15,000.00	14,000.00		25,000.00		
Miscellaneous	3,337.49	4,457.14	3,760.50	21,894.10	6,000.00	6,000.00	5,000.00
	\$67,862.04	\$72,584.21	\$82,228.63	\$106,426.43	\$139,216.20	\$114,753.63	\$91,346.07

EXHIBIT V—STATEMENT OF TAX LEVY ACCOUNTS.

Year	Collector	Warrant	Total Abatements	Discounts	Tax Sale Account	Paid to Treasurer	Balance due			
							Due City	State	Bonus	
1921	W. H. Page	\$592,324.32	606,476.32	1,146.05	\$11,551.92	\$24,733.54	\$554,400.79	\$370.02	\$122.00	
	Bonus	14,152.00								
1922	W. H. Page	561,513.48	576,375.48		11,793.69	475,194.86	84,300.93		5,086.00	
	Bonus	14,862.00								

EXHIBIT VI—STATEMENT OF TAX SALE ACCOUNT.

December 31st, 1921—Balance Uncollected	\$4,847.97
May 6th, 1922—Purchase Sale for Taxes 1921	25,836.21
	\$30,684.18
Collected 1922—Exhibit I	24,584.75
Balance December 31st, 1922	\$6,099.43

EXHIBIT VII.

State of New Hampshire—1922.

INVENTORY OF THE CITY OF PORTSMOUTH, N. H.

Description of Property	No.	Valuation
Polls—		
Men	3050@	\$5
Women	2984@	\$5
Men	420@	\$3
Women	27@	\$3
Improved and Unimproved Land and Buildings ..		14,279,727.00
Horses	371	36,360.00
Oxen	2	190.00
Cows	659	34,020.00
Neat Stock	14	580.00
Sheep	39	345.00
Hogs	7	121.00
Fowl	911	911.00
Mules	2	110.00
Vehicles		7,225.00
Boats and Launches		20,325.00
Stocks in Public Funds		107,960.00
Stocks in Banks and Other Corporations in this State ..		84,830.00
Money on Hand at Interest or on Deposit		83,680.00
Stock in Trade, Average for the Year		1,437,634.00
Factories and their Machinery		214,550.00
		\$16,340,079.00

Amount of Taxes Committed to the Collector	\$576,375.48
Rates per cent of Taxation for all purposes, per \$1,000 ..	32.60
Amount Exempted to Soldiers	\$49,386.00
Amount Exempted for Church Property ..	42,000.00
Amount Exempted for Insane Persons	9,050.00
*City Exemptions	915,100.00
	\$1,015,536.00

*Exemptions granted by City on which City pays a County and State Tax.

CHARLES E. HODGDON,
EBEN H. BLAISDELL,
JOHN YARWOOD,
Assessors of Portsmouth, N. H.

THE VALUATION AND TAX RATES HAVE BEEN AS FOLLOWS:

ASSESSED VALUATION.

Year	Real Estate	Personal	Total	Rate per \$1,000
1893	\$4,554,044	\$3,078,246	\$7,632,290	\$18.80
1894	4,790,631	2,888,530	7,679,161	17.10
1895	5,480,553	1,892,194	7,372,747	19.30
1896	6,117,649	2,097,065	8,214,714	20.60
1897	6,501,279	1,883,313	8,384,592	20.60
1898	6,475,960	2,143,425	8,619,385	21.00
1899	6,579,165	2,019,242	8,598,407	20.60
1900	6,720,367	1,826,547	8,546,914	20.80
1901	6,819,087	1,763,170	8,582,257	22.50
1902	7,011,264	1,998,616	9,009,880	22.00
1903	7,172,132	1,771,799	8,943,931	23.50
1904	7,356,616	1,762,974	9,119,590	22.60
1905	7,709,515	1,668,059	9,377,574	28.00
1906	7,564,718	1,683,555	9,248,273	27.50
1907	7,028,488	1,997,147	9,025,635	25.50
1908	6,877,095	2,135,030	9,012,125	23.50
1909	6,830,742	2,203,361	9,034,103	23.50
1910	6,882,512	2,256,347	9,138,859	22.60
1911	6,976,948	2,418,439	9,395,387	22.60
1912	7,631,943	2,425,065	10,057,008	24.00
1913	8,533,717	2,190,515	10,724,232	22.60
1914	8,935,653	1,974,382	10,910,035	22.00
1915	9,244,436	1,793,796	11,038,232	22.60
1916	9,302,871	1,789,753	11,092,624	22.80
1917	9,689,037	1,394,787	11,083,824	22.80
1918	10,531,261	2,002,941	12,534,202	22.80
1919	12,103,476	2,442,442	14,546,118	27.00
1920	14,496,237	2,056,694	16,552,931	28.00
1921	14,557,757	2,012,158	16,569,915	32.60
1922	14,279,727	2,060,352	16,340,079	32.60

EXHIBIT VIII—INVENTORY OF CITY PROPERTY.

	Real Est. Assessors' Valuation	Personal Property	Total
City Hall and Furniture	\$15,000.00	\$1,000.00	\$16,000.00
FIRE STATIONS:			
Co. No. 1, Bartlett st	4,500.00	2,000.00	6,500.00
Central Fire Station, Court st	50,000.00	20,000.00	70,000.00
Hose		7,500.00	7,500.00
Fire Alarm System		7,500.00	7,500.00
HIGHWAY DEPT.			
Building, Court st	5,000.00	15,000.00	20,000.00
Stables	10,000.00		10,000.00
Lot, South st	1,000.00		1,000.00
Gravel Lot, Greenland road	2,000.00		2,000.00
Gravel Lot, Lafayette road	500.00		500.00
Gravel Lot, Lafayette road	300.00		300.00
Gravel Lot, Sherburne road	75.00		75.00
Gravel Lot, Sagamore road	100.00		100.00
Gravel Lot, Lafayette road	1,000.00		1,000.00
BRIDGE APPROACH:			
PARKS:			
Goodwin, (Donated to City)			
Haven, (Donated to City)			
Langdon, (Donated to City)			
South Play Ground	5,000.00		5,000.00
Park, Parrott ave	2,000.00		2,000.00
Ward Play Ground	3,500.00		3,500.00
"Commons" Pine st	500.00		500.00
Public Library Building	15,000.00		15,000.00
REAL ESTATE:			
Old Court House, Parrott ave	5,000.00		5,000.00
City Farm	10,000.00		10,000.00
Pest Island	100.00		100.00
Powder Magazine and Lot	100.00		100.00
Hospital for Contagious Diseases ..	2,000.00		2,000.00
Wardroom No. 1, Maplewood ave ..	1,000.00		1,000.00
Wardroom No. 4, Marcy st	4,000.00		4,000.00
Plains			
South Mill Pond and Land adjoining			
Water Privilege, foot Deer st			
Water Privilege, foot Daniel st ...	200.00		200.00
Water Privilege, L & B, Ceres st ..	2,000.00		2,000.00
Water Privilege, Land foot Gates st	100.00		100.00
Lot, Madison st	1,000.00		1,000.00
Land, Pevery Hill road	1,000.00		1,000.00
SCHOOL BLDGS & EQUIPMENT ..			
High School, Islington st	100,000.00		100,000.00
Whipple School, State st	28,000.00		28,000.00
Faragut School, High st	22,000.00		22,000.00
Haven School, South School st	30,000.00		30,000.00
Lafayette School, Lafayette road ..	50,000.00		50,000.00
Cabot Street School, Cabot st	6,000.00		6,000.00
Franklin School, Dennett st	75,000.00		75,000.00
Woodbury School, Woodbury ave .	400.00		400.00
Plains School, Plains	400.00		400.00
Lafayette Rd School, Lafayette rd	400.00		400.00
	\$454,175.00	\$69,496.00	\$514,671.00
WATER WORKS SYSTEM:			

EXHIBIT IX—DEBT STATEMENT DECEMBER 31, 1922.

FUNDED DEBT	\$1,128,000.00
SINKING FUND	471,875.28
NET DEBT	\$656,124.72

FUNDED DEBT.

LOANS	Interest Issued	Due	PRINCIPAL		Annual Payment
			Outstanding	Fund	
Name and Purpose					
High School 4s	J & D	1903	Dec. 1st, 1923	\$100,000.00	\$95,000.00
Funding Debt 4s	M & S	1904	Sept. 1st, 1924	160,000.00	130,000.00
Refunding 4s	A & O	1904	Oct. 1st, 1924	47,000.00	44,000.00
Refunding Water 4s	J & J	1907	Jan. 1st, 1927	160,000.00	105,000.00
Refunding 3½s and 4s	J & J	1909	Jan. 1st, 1919-28	30,000.00	5,000.00
Street Paving 4s	F & A	1911	Aug. 1st, 1919-31	32,000.00	2,000.00
Refunding Water 4s	J & J	1912	Jan. 1st, 1932	156,000.00	60,000.00
Refunding Sewer 4s	M & N	1914	May 1st, 1919-34	24,000.00	3,000.00
Refunding School 4s	M & N	1914	Nov 1st, 1919-34	36,000.00	6,000.00
Street Paving 4s	M & N	1917	May 1st, 1922-32	59,000.00	35,535.00
Water 4½s	A & O	1918	April 1st, 1920-26	20,000.00	5,000.00
School House 4½s	A & O	1919	Oct. 1st, 1923-30	60,000.00	7,500.00
Central Fire Station 5s	J & D	1920	June 1st, 1923-37	47,000.00	3,000.00
Street Paving 5s	J & J	1920	July 1st, 1923-38	47,000.00	3,000.00
Eridge Approach 5s	F & A	1921	Aug. 1st, 1923-40	150,000.00	8,500.00
Municipal				356.69	
Water				1,983.59	
				\$1,128,000.00	\$471,875.28
					\$45,000.00

COMPARATIVE DEBT STATEMENT, DECEMBER 31, 1922.

Year	Funded Debt	Floating Debt	Total Debt	Sinking Fund	Net Debt	Increase	Decrease
1893	...	\$672,500.00	\$709,940.15	\$172,000.00	\$528,940.15		
1894	...	720,500.00	768,940.15	172,000.00	596,940.15	68,000.00	
1895	...	720,500.00	848,940.15	172,000.00	676,940.15	80,000.00	
1896	...	885,500.00	943,940.15	174,200.00	769,740.15	92,800.00	
1897	...	870,500.00	939,190.15	169,950.00	769,240.15		500.00
1898	...	933,500.00	3,440.15	394,005.07	742,935.08		26,305.07
1899	...	931,500.00	956,000.06	201,942.68	754,757.38	11,822.30	
1900	...	929,000.00	981,500.06	214,066.24	767,433.82	12,676.44	
1901	...	919,000.00	1,018,734.49	224,823.72	793,910.77	26,476.95	
1902	...	969,000.00	1,099,393.04	256,224.49	863,168.55	69,257.78	
1903	...	1,060,000.00	1,254,953.06	255,355.66	999,097.50	135,928.95	
1904	...	1,229,000.00	1,287,500.06	277,953.36	1,009,546.70	10,449.20	
1905	...	1,229,000.00	83,500.06	308,322.25	1,004,177.81		5,368.89
1906	...	1,229,000.00	64,227.06	317,474.99	975,752.07		28,425.74
1907	...	1,164,000.00	25,059.91		901,302.84		74,449.23
1908	...	1,176,000.00	19,000.00		853,568.06		47,778.78
1909	...	1,176,000.00	13,000.00		810,404.74		43,163.32
1910	...	1,188,500.00	12,000.00		782,810.48		27,594.26
1911	...	1,234,500.00	10,000.00		818,074.49	35,264.01	
1912	...	1,221,500.00	8,000.00		798,590.99		19,483.50
1913	...	1,037,500.00	6,000.00		775,153.61		23,437.38
1914	...	1,089,500.00	4,000.00		761,630.58		13,523.03
1915	...	1,079,500.00	2,000.00		724,100.69		37,529.89
1916	...	922,500.00			638,810.95		85,289.74
1917	...	965,000.00			646,734.62	7,823.67	
1918	...	977,000.00			594,930.35		51,804.27
1919	...	1,029,000.00			622,303.94		27,373.59
1920	...	1,101,000.00			643,745.63		21,441.69
1921	...	1,215,500.00			733,825.33		90,079.60
1922	...	1,128,000.00			656,124.72		77,700.61
Total	\$689,494.18	\$562,353.71
Net Increase in Debt in 30 Years		127,140.47
						\$689,494.18	\$689,494.18

REPORT OF BOARD OF SINKING FUND COMMISSIONERS.

Portsmouth, N. H., January 26, 1923.

To the City Council of the City of Portsmouth, N. H.:

We submit herewith our report for the year 1922 and append the following exhibits:

O—Balances.

B—Receipts and Payments.

C—Bonded Debt.

D—Ledger Balances.

E—Amount required to be levied for the year 1923.

Respectfully submitted,

JOHN W. EMERY,

E. SEYBOLT,

HARRY E. BOYNTON,

Board of Sinking Fund Commissioners.

I hereby certify that I have this day examined the account of the Board of Sinking Fund Commissioners for the year ending December 31, 1922, and find the same to be correct.

ROBERT M. BRUCE, City Auditor.

Feb. 6, 1923.

In accordance with Chapter 12, Section 5, of the Revised Ordinances relating to the Sinking Fund and Commissioners thereof, the undersigned, acting together, have this day examined the securities and other assets in the Sinking Fund and have compared the same with the statement here submitted and find the same to be correct.

SAMUEL T. LADD, Mayor.

ROBERT M. BRUCE, City Auditor.

Feb. 6, 1923.

SINKING FUND.

A—BALANCES.

	Cash	Par value of bonds	Par value other invts	Total
1922				
On hand beginning of year	\$6,574.77	\$411,000.00	\$64,100.00	\$481,674.77
On hand end of year	39,775.28	368,000.00	64,100.00	471,875.28
Increase	33,200.51			
Decrease		43,000.00		9,799.49

B—RECEIPTS.

Interest and Income Earned:

Dividends, Portsmouth Savings Bank	\$421.02
Dividends, Piscataqua Savings Bank .....	.04

Coupons:

Cambridge, Mass.	\$80.00	
Clinton, Mass.	35.00	
Hartford, Conn.	140.00	
Laconia, N. H.	80.00	
N. Y., N. H. & H. Rd.	1,710.00	
New Bedford, Mass.	200.00	
New Haven, Conn.	560.00	
New Hampshire	35.00	
Norwich, Conn.	200.00	
Portsmouth, N. H.	3,837.50	
Putnam, Conn.	255.00	
Quincy, Mass.	35.00	
Rockingham County, N. H.	450.00	
Revere, Mass.	35.00	
South Orange, N. J.	60.00	
United States	7,807.06	
	<hr/>	15,519.56

Appropriations by the City:

Water Account	24,000.00
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Premiums on bond sold:

\$15,000 U. S. 4¼s, 1938, 100.22	33.00	
\$5000 U. S. 5½s, T Notes, 102 13-16	140.63	
\$10,000 U. S. 4¾s, T Notes, 101 15-16	193.75	
	<hr/>	367.38

Par value of Investments paid:

Portsmouth, N. H. 4s, 1922	5,000.00	
South Orange, N. J., 1922	3,000.00	
Laconia, N. H. 4s, 1922	2,000.00	
Rockingham County, N. H. 5s, 1922	3,000.00	
	<hr/>	13,000.00

Par value of Investments sold:

\$15,000 U. S. 4¼s, 1938	15,000.00	
\$5000 U. S. 5½s, T Notes, 1924	5,000.00	
\$10,000 U. S. 4¾s, T Notes, 1926	10,000.00	
\$5000 Portsmouth, N. H. 4s, 1924	5,000.00	
\$1000 Portsmouth, N. H. 4s, 1924	1,000.00	
\$3000 Portsmouth, N. H. W 4s, 1927	3,000.00	
\$3000 Portsmouth, N. H. W 4s, 1932	3,000.00	
\$4000 U. S. 5½s, T Notes, 1924	4,000.00	
\$2000 U. S. 4¾s, T Notes, 1926	2,000.00	
	<hr/>	48,000.00

B—BALANCES.**Par value of Investments Exchanged:**

\$100,000 U. S. 4¾s, 1923	100,000.00
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Cash on hand January 1, 1922:

Municipal Account	2,111.03
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Water Account	4,463.74
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	6,574.77
--	----------

	\$207,882.77
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B—PAYMENTS.**Par value of Investments Purchased:**

Portsmouth, N. H. 4s, 1924	5,000.00
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Portsmouth, N. H. 4s, 1924	1,000.00
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Portsmouth, N. H. W 4s, 1927	3,000.00
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Portsmouth, N. H. W 4s, 1932	3,000.00
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United States 5½s, 1924	4,000.00
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United States 4¾s, 1926	2,000.00
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	18,000.00
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Par value of Investments Exchanged:

United States 4¾s, 1926	100,000.00
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Bonds paid and cancelled:

City of Ports, N. H., Water 3½s, 1922	50,000.00
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Accrued Interest:

Portsmouth, N. H. 4s, 1924	66.66
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Portsmouth, N. H. 4s, 1924	10.00
----------------------------------	-------

	76.66
--	-------

Expenses:

Typewriting	5.83
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Rent, Safe Deposit Boxes	25.00
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	30.83
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	\$168,107.49
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Cash on hand January 1, 1923:

Municipal Account	11,791.69
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Water Account	27,983.59
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	39,775.28
--	-----------

	\$207,882.77
--	--------------

C—BONDED DEBT.

Loans Name and Purpose	Principal		Outstanding	Par Value
	Int	Due		Sinking Fund
High School ....4s	J&D 1903	Dec. 1, 1923	\$100,000	\$95,000.00
Funding Debt ...4s	M&S 1904	Sep. 1, 1924	160,000	130,000.00
Reunding .....4s	A&O 1904	Oct. 1, 1924	47,000	44,000.00
Water Ref. ....4s	J&D 1907	Jan. 1, 1927	160,000	105,000.00
Refunding .3½s&4s	J&J 1909	Jan. 1, 1923-28	30,000	
Street Paving ...4s	F&A 1911	Aug. 1, 1923-31	32,000	
Water Ref. ....4s	J&J 1912	Jan. 1, 1932	156,000	60,000.00
Ref. School .....4s	M&N 1914	Nov. 1, 1923-34	36,000	
Ref. Sewer .....4s	M&N 1914	May 1, 1923-34	24,000	
Street Paving ...4s	M&N 1917	May 1, 1923-32	59,000	35,535.00
Water .....4½s	A&O 1918	Apr. 1, 1923-26	20,000	
School .....4½s	A&O 1919	Oct. 1, 1923-30	60,000	
Fire Station ...5s	J&D 1920	Jun. 1, 1923-37	47,000	
Paving .....5s	J&J 1920	Jul. 1, 1923-38	47,000	
Bridge Approach 5s	F&A 1921	Aug. 1, 1923-40	150,000	
Municipal Account				356.69
Water Account				1,983.59
			<hr/>	<hr/>
			\$1,128,000	\$471,875.28

D—LEDGER BALANCES.

Liabilities.

SINKING FUND:

Municipal Account	\$304,137.25
Water Account	165,000.00

INCOME ACCOUNT:

Municipal Account	754.44
Water Account	1,983.59

 \$471,875.28

Assets.

High School 4s, 1903-1923.

Rockingham County, N. H. 5s, 1923 ..	\$3,000	
Rockingham County, N. H. 5s, 1924 ..	3,000	
Portsmouth, N. H. 4s, 1923	7,000	
Portsmouth, N. H. 4s, 1923, cancelled	16,000	
Portsmouth, N. H. 4s, 1924	8,000	
Hartford, Conn. 3½s, 1926	2,000	
299 shares N. Y., N. H. & H. Rd.	20,000	
N. Y., N. H. & H. Rd. 6s, 1948	10,000	
United States 4¼s, 1938	4,000	
United States 4¾s, 1926	17,000	
Cash	5,000	
		<hr/>
		\$95,000.00

Funding Debt, 4s, Sept. 1904-1924.

Portsmouth, N. H. 5s, 1923	1,000	
Portsmouth, N. H. 4s, 1924	15,000	
Portsmouth, N. H. 4s, 1924, cancelled	20,000	
Portsmouth, N. H. 4s, 1932	1,000	
Quincy, Mass. 3½s, 1932	1,000	
Hartford, Conn. 3½s, 1926	2,000	
New Bedford, Mass. 4s, 1927	5,000	
400 shares N. Y., N. H. & H. Rd.	40,000	
N. Y., N. H. & H. Rd. 6s, 1948	8,000	
United States, 4¼s, 1938	15,000	
United States 4¾s, 1926	12,000	
United States 5½s, 1924	10,000	
		<hr/>
		130,000.00

Funding 4s, Oct. 1904-1924.

Portsmouth, N. H. 5s, 1923	2,000	
Portsmouth, N. H. 4s, 1924	2,000	
Portsmouth, N. H. W 4s, 1927	3,000	
Portsmouth, N. H. W 4s, 1932	5,000	
Clinton, Mass. 3½s, 1930	1,000	
N. Y., N. H. & H. Rd. 6s, 1948	10,500	
41 shares N. Y., N. H. & H. Rd.	4,100	
United States, 4¼s, 1938	6,000	
United States, 4¾s, 1926	6,000	
Cash	4,400	
		<hr/>
		\$41,000.00

Water Refunding 4s, 1907-1927.

Portsmouth, N. H. 5s, 1923	4,000
Portsmouth, N. H. 4½s, 1923	5,000
Portsmouth, N. H. 4½s, 1924	5,000
Portsmouth, N. H. 4½s, 1925	5,000
Portsmouth, N. H. 4½s, 1926	5,000
Portsmouth, N. H. 4½s, 1927	1,000
Cambridge, Mass. 4s, 1924	2,000
Revere, Mass. 3½s, 1928	1,000
New Hampshire, 3½s, 1927	1,000
New Haven, Conn. 4s, 1931	1,000
United States 5½s, 1924	10,000
United States 4¼s, 1938	10,000
United States 4¾s, 1926	20,000
United States 4¼s, 1942	9,000
Cash	26,000

 105,000.00
Water Refunding 4s, 1912-1932.

Portsmouth, N. H. 4s, 1923	1,000
Portsmouth, N. H. 4s, 1932	4,000
New Haven, Conn. 4s, 1928	5,000
New Haven, Conn. 4s, 1931	8,000
Putnam, Conn. 4¼s, 1923	6,000
Norwich, Conn. 4s, 1931	5,000
United States, 4¼s, 1938	15,000
United States 4¾s, 1926	16,000

 60,000.00
Paving 4s, 1917, 1923-1938.

Portsmouth, N. H. 4s, 1923	5,000
Portsmouth, N. H. 5s, 1923	1,500
Portsmouth, N. H. 4s, 1925	1,000
Portsmouth, N. H. 4s, 1929	5,000
Portsmouth, N. H. 4s, 1930	2,000
United States 4¾s, 1926	19,000

 35,535.00

Cash, Municipal Account	356.69
Cash, Water Account	1,983.59

 \$471,875.28 \$471,875.28

**E—AMOUNT REQUIRED BY LAW TO BE INCLUDED IN TAX
LEVY FOR 1923 SINKING FUND.**

Municipal Issues.

5% of issue Dec. 1, 1903-1923	\$100,000	\$5,000	
5% of issue Sept. 1, 1904-1924	160,000	8,000	
5% of issue Oct. 1, 1904-1924	47,000	2,350	
			<hr/>
		\$15,350	
Less income estimated		7,050	
			<hr/>
			\$8,300

Water Issues.

5% of issue Jan. 1, 1907-1927	\$160,000	\$8,000	
5% of issue Jan. 1, 1912-1932	156,000	7,800	
			<hr/>
		\$15,800	
Less income estimated		7,300	
			<hr/>
			\$8,500

TRUST FUNDS—EXHIBIT I.

No. creation	Date of Name and Purpose of Creation	Amount of Principal
1 1834	MARY CLARK FUND Annual interest to be expended in rewards for the most deserving child in the public schools.	\$100.00
2 1834	HORACE A. HAVEN FUND Interest to be used in furnishing to the High School Committee medals for award at the an- nual exhibition each year, in accordance with accepted plan.	800.00
3 1853	CHRISTOPHER S. TOPPAN FUND Interest to be annually paid to the Overseers of the Poor, for the purpose of providing on Thanksgiving Day each year, for the inmates of the City Almshouse, a Thanksgiving dinner.	300.00
4 1868	FRANK JONES FUND Interest to be paid annually to the High School Committee to be by them expended in making additions to the Library of the High School, at their discretion.	500.00
5 1879-80	DANIEL AUSTIN FUND Income to be applied to furnish to the colored population of Portsmouth the means for collec- tively celebrating the successive anniversaries of Emancipation Day.	500.00
6 1885	MARTHA A. DEMERRITT FUND Annual interest to be expended yearly for the purchase of books for the Boys' High School Li- brary forever.	500.00
7 1899	HAVEN PARK FUND Income only to be used for keeping in order and improving Haven Park.	6,059.91
8 1908-9	LEWIS A. DRAKE FUND Interest only to be expended yearly for adding to the High School Library, books on English Church History and Literature, and for instru- ments.	500.00
9 1908	SOUTH PLAYGROUND DAMAGES Damages awarded for land condemned for play- ground and tender refused.	15.00
10 1917	ANNIE FIELDS FUND Income to be used for scholarships for the pur- pose of advancing the higher education of really promising pupils who could not otherwise af- ford to continue their studies.	5,000.00

 \$14,274.91

TRUST FUNDS—EXHIBIT II.

	Date of No. creation	Name and Purpose of Creation	Amount of Principal
A	1883	HARRIET L. PENHALLOW FUND For purchase of books.	\$1,000.00
B	1883	ELLEN T. PICKETT FUND Purpose not stated.	76.00
C	1886	ELIZA A. BROOKS FUND For such purposes of the library as the Trus- tees shall approve.	528.00
D	1889	MARY A. S. GOODWIN FUND For the purposes and objects of the institution.	150.00
E	1891	LOUISE SIMES FUND For purchase of books.	100.00
F	1898	HAVEN FUND Purchase of books of Biography, History, Sci- ence, Theology, and Standard Classical Litera- ture. Should any portion of the annual income not be expended, such portion is to be added to the Permanent Fund.	6,000.00
G	1899	MARY D. PARKER FUND To be applied in such way as will be most bene- ficial to the institution.	500.00
H	1899	MERCY E. LADD FUND For purchase of books.	1,821.00
I	1899	ELDREDGE LEGACY For the uses and purposes for which the library was organized.	5,000.00
J	1904	FRANK JONES BEQUEST For the uses and purposes for which the library was organized.	5,000.00
			----- \$20,175.00

INCOME—EXHIBIT III.

No.	Name of Fund	Balance	Received	Expended	Bal of
		beginning of year	during year	during year	income end of year
1	Mary Clark Fund	\$313.35	\$14.41	\$10.00	\$317.76
2	Horace A. Haven Fund ..	668.89	64.61	10.00	723.50
3	Christopher S. Toppan F'd	172.17	16.66	.....	188.83
4	Frank Jones Fund	34.65	22.55	5.60	51.60
5	Daniel Austin Fund	34.97	22.66	.....	57.63
6	Martha A. DeMerritt Fund	58.04	23.13	20.00	61.17
7	Haven Park Fund	271.17	270.62	271.17	270.62
8	Lewis A. Drake Fund	42.65	22.60	18.03	47.22
9	So. Playground Damages	7.59	.78	.....	8.37
10	Annie Fields Bequest	340.23	239.49	.....	579.72
A-J	Public Library Funds ..	769.32	865.88	869.32	825.88
		<u>\$2,713.03</u>	<u>\$1,563.39</u>	<u>\$1,144.12</u>	<u>\$3,132.30</u>

INVESTMENTS—EXHIBIT IV.

No.	Name of Fund	Book Value
1	MARY CLARK FUND:	
	Deposit Portsmouth Savings Bank	\$417.76
2	HORACE A. HAVEN FUND:	
	\$1000 N. Y., N. H. & H. Rd. 6s, 1948	\$1,230.00
	1 share N. Y., N. H. & H. Rd.	125.00
	Deposit Portsmouth Savings Bank	158.50
		<u>1,513.50</u>
3	CHRISTOPHER S. TOPPAN FUND:	
	Deposit, Portsmouth Savings Bank	488.83
4	FRANK JONES FUND:	
	\$500 U. S. 4¼s, 1942	500.00
	Deposit, Portsmouth Savings Bank	51.60
		<u>551.60</u>
5	DANIEL AUSTIN FUND:	
	\$500 U. S. 4¼s, 1942	500.00
	Deposit, Portsmouth Savings Bank	57.63
		<u>557.63</u>
6	MARTHA A. DEMERRITT FUND:	
	\$500 U. S. 4¼s, 1942	500.00
	Deposit, Portsmouth Savings Bank	67.17
		<u>561.17</u>
7	HAVEN PARK FUND:	
	\$2000 Portsmouth, N. H. 4s, 1923	1,990.00
	\$1000 U. S. 4¼s, 1942	1,000.00
	\$3000 U. S. 4¼s, 1947	2,547.60
	Deposit, Portsmouth Savings Bank	792.93
		<u>6,330.53</u>
8	LEWIS A. DRAKE FUND:	
	\$500 U. S. 4¼s, 1942	500.00
	Deposit, Portsmouth Savings Bank	47.22
		<u>547.22</u>
9	SOUTH PLAYGROUNDS DAMAGES:	
	Deposit, Portsmouth Savings Bank	23.37
10	ANNIE FIELDS BEQUEST:	
	\$5000 U. S. 4¼s, 1942	4,628.00
	Deposit, Portsmouth Savings Bank	951.72
		<u>5,579.72</u>
A-J	PUBLIC LIBRARY FUNDS:	
	\$4000 Portsmouth 4s, 1923	4,000.00
	\$5000 Manchester 4s, 1936	5,200.00
	\$3750 U. S. 4¼s, 1942	3,750.00
	\$1000 U. S. 4¼s, 1947	3,750.00
	\$1000 Rockingham County 5s, 1934	1,000.00
	\$2000 Rockingham County 5s, 1935	2,000.00
	\$2000 Rockingham County 5s, 1936	2,000.00
	Deposit, Piscataqua Savings Bank	4.89
	Deposit, Portsmouth Savings Bank	2,156.79
		<u>20,960.88</u>
		<u>\$37,582.21</u>

CITY OF PORTSMOUTH, N. H.

**In the Year One Thousand Nine Hundred and
Twenty-Three.**

A RESOLUTION MAKING AN APPROPRIATION TO
MAINTAIN THE WATER WORKS FOR THE YEAR
1923.

Resolved, by the City Council of the City of Portsmouth, N. H., assembled, as follows:

Section 1. To maintain the Water Works for the year 1923, the sum of Ninety-Four Thousand and Ninety-Two Dollars (\$94,092) is hereby appropriated. Said sum shall be taken from the water rates and other sources of income of said Water Works and used exclusively for the purposes stated herein, and no transfer therefrom shall be made except by resolution of the City Council and no expenditure shall be made in excess of the funds available, under penalty provided in Chapter 212, Section 29, Laws of 1905.

MANAGEMENT.

Salaries	\$4,264.50
Expenses	700.00

OPERATION—Pumping.

Pay Rolls	12,000.00
Fuel and Power	15,000.00
Materials and Supplies	3,000.00
Incidentals	200.00
	30,200.00

MAINS AND SERVICES.

Pay Roll	9,000.00	
Material and Supplies	5,000.00	
Auto Expense	750.00	
Meters and Repairs	2,000.00	
		16,750.00

CONSTRUCTION.

Pay Rolls	1,600.00	
Materials and Supplies	1,000.00	
12 inch main on Essex ave from Islington rd to Middle rd	6,200.00	
12 inch main with Venturi meter on Haven Line to Sherburne Station	1,750.00	
Clearing wells at Sherburne Station	1,200.00	
		11,750.00

DEBT—Interest.

\$160,000 Water Ref. 4s, 1907	6,400.00	
\$156,000 Water Ref. 4s, 1912	6,240.00	
\$20,000 Water Ref. 4½s, 1918	787.50	
		\$13,427.50
\$5,000 Water 4½s, 1918	5,000.00	
Sinking Fund	12,000.00	
		30,427.50
		\$94,092.00

Passed the City Council March 8, 1923.

SAMUEL T. LADD, Mayor.

A true copy. Attest,

EDWARD A. WEEKS, JR.,

City Clerk.

CITY OF PORTSMOUTH, N. H.

In the Year One Thousand Nine Hundred and Twenty-Three.

A RESOLUTION RAISING MONEY AND MAKING AP- PROPRIATIONS FOR THE YEAR 1923.

Resolved, by the City Council of the City of Portsmouth assembled, as follows:

That there shall be raised, and there is hereby ordered to be raised, on the polls and ratable estates within said city, the sum of Three Hundred Seventy-One Thousand Two Hundred Nineteen and 50-100 dollars (\$371,219.50) to defray the necessary expenses and charges of the city for the ensuing year, which together with the sums which may be received from fines, interest, taxes on savings bank deposits, railroads and from other sources shall be appropriated, as follows:

Administration:

Assessors:

Salaries of Board	\$3,200.00	
Clerical assistance	600.00	
Equipment and supplies	400.00	
	4,200.00	\$4,200.00

Collector of Taxes	3,000.00	
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Elections	2,000.00	
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Salaries:

Mayor	500.00	
City Clerk	1,200.00	
Messenger	1,200.00	
Treasurer	800.00	
Solicitor	600.00	
Auditor	1,800.00	
	6,100.00	6,100.00

General Expenses:

Equipment	300.00	
Printing and stationery	1,500.00	
Premiums, surety bonds	200.00	
Mayor's incidentals	300.00	
Miscellaneous	1,500.00	
Vital statistics	200.00	
	4,000.00	4,000.00

Debt—Interest:

\$84,000 High School 4s, 1903	3,360.00
140,000 Funding 4s, 1904	5,600.00
47,000 Refunding 4s, 1904	1,880.00
30,000 Refunding 3½-4s, 1909	1,087.50
32,000 Paving 4s, 1911	1,280.00
36,000 Refunding School 4s, 1914	1,440.00
24,000 Refunding Sewer 4s, 1914	920.00
59,000 Paving 4s, 1917	2,240.00
60,000 School 4½s, 1919	2,700.00
47,000 Fire Station 5s, 1920	2,350.00
47,000 Paving 5s, 1920	2,275.00
150,000 Bridge approach 5s, 1921	7,500.00

Total on bonds\$32,632.50

Discount—Revenue Loans 3,000.00

Total interest\$35,632.50

5,000 Refunding 3½s, 1909 5,000.00

2,000 Paving 4s, 1911 2,000.00

2,000 Refunding Sewer 4s, 1914 2,000.00

7,500 School 4½s, 1917 7,500.00

3,000 Fire Station 5s, 1920 3,000.00

3,000 Paving 5s, 1920 3,000.00

8,500 Bridge approach 5s, 1921 8,500.00

Atlantic Heights contract 15,000.00

Sinking Fund 8,300.00

92,932.50

Fire Department:

Salaries, Chief Engineer and Assistants 925.00

Salaries, Permanent Men 10,600.00

Pay roll, call men 5,735.00

Equipment 350.00

Fuel 1,200.00

Supplies 450.00

Lights 175.00

Repairs 300.00

Telephone 125.00

Auto expenses, (including gasoline and \$100
for Chief's auto) 350.00

Water 80.00

Hose 575.00

20,865.00

Fire Alarm:

Salary Superintendent 600.00

Blowing Steam Whistle 100.00

Furnishing time service 18.00

Telephone 25.00

General repairs 400.00

Electric power 175.00

1,318.00

Health Department:

Salaries of Board	400.00	
Salary Inspector of Plumbing	200.00	
Salary of Sanitary Inspector	1,200.00	
Salary of Public Health Nurse	1,200.00	
Salary of Meat Inspector	400.00	
Supplies, materials and incidentals	250.00	
	<hr/>	3,650.00

Municipal Court:

Salary Justice	1,350.00	
Salary Clerk	500.00	
Salary Assistant Justice	100.00	
	<hr/>	1,950.00

Police Department:

Salaries, Commissioners	175.00	
Salary, Marshal	2,100.00	
Salary, Assistant Marshal	1,900.00	
Pay roll, Police Officers	25,525.00	
Telephone	125.00	
Premium, surety bonds	50.00	
Sundries	450.00	
Auto and motorcycle maintenance	500.00	
	<hr/>	30,825.00

Poor Department:

Salary Overseer	500.00	
Support of poor	5,500.00	
	<hr/>	6,000.00

Public Buildings and Places:

City Hall, maintenance	1,500.00	
Cemeteries	100.00	
City clocks	300.00	
Bell ringing	40.00	
Insurance premiums	3,545.00	
Repairs	2,300.00	
	<hr/>	7,785.00

Public Library:

Salaries, maintenance and expenses	5,000.00	
Purchase of new books	1,000.00	
	<hr/>	6,000.00

PUBLIC WORKS DEPARTMENT—HIGHWAY DIVISION.

Management:

Salaries	2,702.00	
Office expenses	250.00	
Telephone	75.00	
		3,027.00

Highway Maintenance:

Pay rolls for streets, ashes, snow, sanding sidewalks, re- pair paving	28,500.00	
Trimming trees	750.00	
Moth work	600.00	
Maintenance, fountains	275.00	
Roads	2,000.00	
Oiling roads	4,000.00	
Bridges	1,000.00	
Sundries	100.00	
		37,225.00

Equipment and Supplies:

Materials and supplies	750.00	
Tools and equipment	1,000.00	
Repairing equipment	1,000.00	
		2,750.00

Sidewalk Maintenance:

Labor and materials	1,500.00	
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Sewer Maintenance:

Labor and materials	3,000.00	
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Stable Maintenance:

Hay, grain, straw	1,800.00	
Supplies	100.00	
Shoeing and repairs	700.00	
Fuel, light, water	250.00	
		2,850.00

Auto Maintenance:

Auto expense	3,000.00	
Flushes, repairs and mainten- ance	2,000.00	
		5,000.00

State Roads:

Maintenance	3,500.00	
		58,852.00

Parks and Playgrounds:

Pay rolls	1,750.00	
Equipment and supplies	300.00	
Light and water	200.00	
Supervision	650.00	
Grading	100.00	
		3,000.00

Portsmouth, N. H., January 26th, 1923.

To the City Council of the City of Portsmouth, N. H.:
We herewith submit our Report for the year 1922.
Trust Funds, Exhibit I.
Trust Funds, Public Library, Exhibit II.
Income, Exhibit III.
Investments, Exhibit IV.

Respectfully submitted,

JOHN W. EMERY,

E. SEYBOLT,

HARRY E. BOYNTON,

Trustees of Trust Funds.

I hereby certify that I have this day examined the account of the Trustees of Trust Funds for the year ending December 31, 1922, and find the accounts to be correct.

ROBERT M. BRUCE, Auditor.

Feb. 6, 1923.

The undersigned acting together have this day examined the securities and other assets in the Trust Funds and have compared the same with the statement here submitted, and find the same to be correct.

SAMUEL T. LADD, Mayor.

ROBERT M. BRUCE, Auditor.

Feb. 6, 1923.

PORTSMOUTH FIRE DEPARTMENT.

Chief Engineer's Report.

To the Honorable Mayor and City Council.

Gentlemen:

I herewith submit my Annual Report of the Portsmouth Fire Department for the year 1922, ending December 31st.

The Department has had a very successful year, as the figures will show. We have answered 97 alarms all told, 80 of which were stills and 17 bell. The only fires of importance were those of the Frank Knight block on Islington street, which owing to the construction of the building, was a stubborn fire to fight; the other was in the Philbrook and Matthews block on Congress street, which started in the basement and had gained great headway before discovered, but the fire was confined to where it started. We have rendered valuable help to the surrounding towns, including Newington, Greenland and New Castle. The Department is in first class shape and has some fine apparatus. The only piece that is a little out of date is the old Pope Combination. This piece of apparatus does about 80 per cent of the work of the Department and owes the city nothing. The disadvantage is: no starter, no electric lights, and is of an old design, thus making it hard to get away quickly. If this piece could be replaced by a more up to date machine it would make the Fire Department 100 per cent perfect.

Our hose supply is in good shape. We have on hand 4000 feet of first class, 2000 feet of medium and 1500 feet of fair. I would suggest that 500 feet be bought each year, thus keeping the hose supply up to standard. We have added to the Fire Department this year a new branch under the name of Boy Scouts Forest Fire Brigade, which has proved itself a valuable addition. There are about 30 of the boys ready at any moment to respond to a call to fight forest fires without pay or any complaint whatever, thus saving the city a good amount of money and property. Too much credit cannot be given these boys for the good work they have accomplished the past

year. As Forest Fire Warden I appreciate the valuable assistance they have rendered.

The figures below prove the efficiency of the Fire Department:

	Buildings	Contents
Value	\$423,900.00	\$224,210.00
Insurance	14,560.00	88,700.00
Damage	21,021.42	16,946.00

**ROLL OF PORTSMOUTH FIRE DEPARTMENT
DECEMBER 31, 1922.**

Chief—William F. Woods.

First Assistant Chief—Perley D. Hersey.

Second Assistant Chief—Herman G. Crompton.

Supply Wagon:

Stacy G. Moran, John Bridle, Joseph Gorman.

Combination No. 3:

Captain—John Miller.

Lieutenant—George R. Palfrey.

Clerk—Robert R. Palfrey.

G. D. Varrell, E. A. Mannett, F. P. Downing, H. E. Fernald, L. W. Davis, A. F. Haddack, G. H. Miles, H. S. Critchley, H. B. Palfrey.

Hose and Steamer No. 4:

Captain—Frank Gustafson.

Lieutenant—C. B. Downs.

Clerk—Charles Kehoe.

H. C. Obrey, W. J. Lillefield, A. N. Amee, C. W. Odiorne, George A. Lane.

Ladder Truck No. 1:

Captain—E. E. Green.

Lieutenant—W. T. Gray.

Clerk—E. C. Holmes.

M. S. Langdon, C. E. Grover, A. B. Spinney, H. S. Spinney, C. E. Gentlemen, T. R. Fralich, Ralph Anderson, J. W. Downs, C. Atwell, George R. Brown.

Sagamore Engine and Hose Company.

Captain—D. J. Scott.

Lieutenant—James McCabe.

Clerk—Thomas A. Moran.

John Quirk, James Hefferman, William Pendergast, Maurice O'Leary, Jeremiah Regan, Francis P. Clair, Tom Fullam, P. Corson.

Combination No. 2.

Captain—Frank Dyer.

Lieutenant—Brainard Hersey.

Clerk—George W. Tripp.

George E. Cox, F. H. Hersey, J. H. Morrill, W. M. Gray, J. S. Tilton, William Drew, James Scott, G. D. Witham.

Combination No. 5.

M. J. Lynch, Fred Crompton, George Moore.

Drivers and Permanent Men.

John H. Ham, Geo. F. Cogan, Arthur C. Cox, Duncan Cameron, Frank M. Amazeen.

House Men.

Geo. N. Jones, Central Fire Station; Frank Obrey, Sagamore Engine House.

In closing my report I wish to extend my thanks and appreciation to the Mayor and City Council, and Superintendent Smith of the Board of Public Works, for their co-operation. The secret of the success of the Fire Department is the manner in which the Assistant Engineers, Officers, Permanent Men and Call Men responded and performed their duty when called upon. I also want to thank the Boy Scouts for their efficient work the past year.

Respectfully submitted,

W. F. WOODS,

Chief, Portsmouth Fire Department.

REPORT OF INSPECTOR OF WIRES.

November 17, 1923.

To the Honorable Mayor and City Council:

Gentlemen:

The Fire Alarm system has been removed from the building on Hanover street to well appointed quarters in the Central Fire Station on Court street, and consists of the following: One six circuit protector board, one six circuit switch board, one five circuit automatic repeater, one motor-generator set, 172 cells of storage battery and iron racks, one transmitter box with 47 box and special call wheel numbers, one automatic tape recorder, two indicators, three gongs, and one automatic electric light time switch.

In addition to the above the system consists of about 25 miles of line divided into four circuits, two automatic whistle machines, two automatic bell tower strikers, four tappers and 40 Fire Alarm boxes, four being private.

The system in general is in good working order with exception of battery, which was the old ones removed from the Hanover street location to the present Central Fire Station, and will have to be renewed at some future early date.

The Supt. of Fire Alarm and Inspector of Wires during the past year has received 149 applications for inspection of electric light and power service which have received attention.

Respectfully,

H. E. TRAFTON,

Supt. of Fire Alarm and Inspector of Wires.

REPORT OF CITY MARSHAL.

Portsmouth, N. H., December 31, 1922.

To the Board of Police Commissioners,

Portsmouth, N. H.

Gentlemen:

I have the honor to submit the following report for the year ending at date, with amount of fines and costs collected:

NUMBER OF ARRESTS AND CAUSE OF ARRESTS.

Adultery	6	Automobile violating Chap. 32	3
Arrested for out of town officers	16	Brawl and tumult	3
Assault	42	Breaking glass	1
Assault, felonious	1	Committing nuisance	3
Begging	1	Disorderly house	1
Breaking and entering	13	Drunks	233
Carrying concealed weapons .	3	Exposing person	1
Disorderly conduct	22	Fornication	10
Embezzlement	3	Illegal transportation, liquor	18
Evading car fare	2	Illegal possession, liquor . . .	39
Highway robbery	1	Keeping spirituous liquor for sale	1
Insult	2	Lodgers	959
Insanity	3	Manufacturing liquor	4
Keeping cider for sale	1	Non-support	8
Larceny	24	Obtaining money under false pretenses	4
Obscene language	1	Poll tax, non-payment	5
Peddling without license, junk	2	Profanity	1
Safe keeping	41	Stragglers	1
Suicide attempted	1	Selling spirituous liquors . . .	1
Vagrants	1	Suspicion	10
Violating traffic laws	3	Trespass	1
Assault, aggravated	7	Violating child boarding law	1
Assault with intent to kill . .	1	Store doors found open	59
Automobile offenses	69	Street lights reported out	25
Police patrol, trips		Police patrol, trips	995
Value of stolen property recovered and returned to owners . .	\$6,900.00		
Amount of fines and costs	\$6,477.88		
Received of G. Ralph Loughton	500.00		
Miscellaneous	179.55		
			\$7,157.43

Amount paid out for incidentals	\$1,442.60
Amount paid City Treasurer, as per vouchers	<u>5,714.83</u>
Total	\$7,157.43

Respectfully submitted,

MICHAEL HURLEY,
City Marshal.

The within report of the City Marshal of the City of Portsmouth, N. H., for the year ending December 31, 1922, is hereby accepted and adopted as the report of the Police Commissioners of said City.

S. F. A. PICKERING,
HOWARD O. NELSON,
M. J. GRIFFIN,
Police Commissioners.

SOLICITOR'S REPORT.

To the Honorable Mayor and City Council,
 Portsmouth, N. H.
 Gentlemen:

I beg to submit to you herewith my report of the business of my department for the year 1922.

I have prosecuted before the Municipal Court of the City all complaints brought by order of the Mayor, the City Marshal, the Assistant Marshal and the Board of Health. I have appeared for the City in the Superior Court in all suits in which it was my duty to appear. Whenever it was required to do so, I have furnished to the several departments and officials of the City my opinion or advice upon any legal question or subject submitted to me, and have drafted such legal instruments as have been requisite or necessary.

The following actions are now pending in the Superior Court:

Benjamin Kuchinsky vs City of Portsmouth;
 Max Kuchinsky vs City of Portsmouth.

These are appeals by lessees of property taken for highway purposes for the Memorial Bridge Approach from the award of damages made to them by the Mayor and Council.

The appeal of Stella Phillips from the assessment of damages made to her by the Mayor and City Council for property taken for highway purposes for the Memorial Bridge Approach was settled by the payment to the appellant of Two Thousand Five Hundred Seventy-One Dollars in addition to the original award made to her. This settlement seemed favorable to the City since it appeared certain that a jury would award the appellant more than this amount in addition to the original award. All other disputes as to awards of damages for property taken for the Memorial Bridge Approach have been settled.

A new highway was laid out between Junkins Avenue and Edwards street so as to straighten Parroff Avenue where it joins Edwards street. The return of this layout is ready for filing and the only thing remaining to be done in the matter is the payment of the damages award-

ed to Arthura B. Clough for property taken for this highway.

Payment of the nominal damages awarded to three of the five owners of property taken for a new highway along the route of Gray's Road, so-called, remains to be made.

Respectfully submitted,

CHARLES M. DALE, Solicitor.

December 30, 1922.

PORTSMOUTH PUBLIC LIBRARY.

Treasurer's Report.

To the Honorable Mayor and City Council:
 Portsmouth, N. H.
 Gentlemen:

Following is a report from the Treasurer of the Public Library for the year ending December 31, 1922.

RECEIPTS.

Balance on hand Jan. 1, 1922	\$14.87
Library Collections, fines, etc.	115.25
City Appropriation	5,000.00
Invested Funds	825.88
	\$5,956.00

EXPENDITURES.

Salaries	\$3,981.41
Books	1,147.87
Binding	496.35
Gas and Electricity	174.21
Fuel	604.27
Magazines	147.25
Insurance	65.00
Repairs and Printing	99.30
Water and Supplies	140.34
	\$5,956.00

Respectfully submitted,

E. C. MATTHEWS, JR., Treasurer.

January 31, 1923.

Report of the Librarian for the Year Ending Dec. 31, 1922

Number of volumes in the Library December 31, 1921	26,636
Added during year by purchase	901
Added during year by binding	31
Added during year by gift	260
Worn out or superseded volumes withdrawn	823
Volumes in Library December 31, 1922	27,005
Magazines subscribed to	42
Magazines presented regularly	5

New borrowers registered during year	951
Average Sunday afternoon attendance in reading rooms	36
Total Sunday afternoon attendance in reading rooms	839
Volumes issued for home use Jan. 1, 1922-Jan. 1, 1923	84,315
Fiction	47,716
Adult, non-fiction	12,963
Children's books	23,636
Cash on hand January 1, 1922	\$35.38
Received from fines, non-resident fees, etc.	430.79
Spent for books, postage, supplies, etc.	348.00
Paid to Treasurer	115.00
	<hr/>
Cash on hand January 1, 1923	\$3.09

HANNAH G. FERNALD, Librarian.

BOARD OF PUBLIC WORKS.

Portsmouth, N. H., December 31, 1922.

To the Honorable Mayor and City Council,
Portsmouth, New Hampshire.

Gentlemen:—We herewith submit the annual report of the Board of Public Works for the year of 1922.

HIGHWAY DEPARTMENT

Streets

In our annual report for the year of 1920 we made the following statement: "All the work on the streets during the past season has been confined to a specified program as nearly as possible and the method of patching such places as are made impassable has been done away with and a more permanent job done whenever there was a possibility to do so. By this method we are of the opinion that the streets and roads of this section are gradually being built up to a standard second to none in this section of the country." All our work has been accomplished with the above in view and it is not necessary for us to mention the various streets upon which this program has been carried out as without a doubt the taxpayers of this city can see the results accomplished and we do not hesitate to say that the streets of the city have been brought up to a standard as good as or better than the average streets of any other city in this section.

An especially large amount of work has been done on the following streets: Boyd Road, Kearsarge and Pine streets, Miller and Sherburne avenues, Peverly Hill Road and Banfield Road. On all other streets throughout the city the oil placed during the past season is in excellent condition and with minor repairs and the proper application of oil during the coming season they should be maintained very easily.

The method of taking care of the road on Noble's Island leading to the Toll Bridge has been radically changed for the better during the past season. During previous seasons we have torn up, reshaped and oiled this road at least four times. By the use of a special preparation which could be applied weekly we eliminated the necessity of three times tearing the road up and after the first reshaping applied this material once a week with a result that this road went through the season in far better shape than ever heretofore at about one quarter of the expense.

The Portsmouth Electric Railway has placed new rails on Miller Avenue. The material on the north side of the avenue has been excavated to the depth of 1 foot the same replaced with gravel screen-

ings thereby forming an excellent subbase for an asphalt pavement at a minimum of expense, the screenings having been obtained from the gravel used during the season on road work throughout the city. The south side of Miller avenue has not been completed owing to the fact that the Gas Company will have to replace their main on this side of the street and owing to the fact that delivery on the pipe was slow this work cannot be done until Spring. The Board deemed it far more advisable to temporarily make this side of the street passable until such time as the Gas Company's main was laid rather than to have to do this work all over again next Spring.

Munroe street was completed through from South street to Middle Road and this street we find has been used a great deal more than we expected, owing to tourists turning on to Middle Road before they realized they were off the Lafayette Road.

The Board has removed the ledge from Park street which has adorned that section of the city ever since the street was opened up. Also the ledge on Sherburne Avenue has been removed, thereby making two more streets which we are not ashamed to have anyone drive through.

Asphalt Pavement

The asphalt pavement in the city has been repaired twice during the season. During the past year we have experienced considerable difficulty in obtaining the necessary material with which to do this work. Part was obtained from a job going on at Hampton and the balance was brought in from Rochester, N. H., by trucks. The material after such a long haul was not as satisfactory as we should like to have had it and we doubt if this patching goes through the winter as well as patches made by hot material when obtained from a nearby plant.

The Board has purchased an asphalt plant and as soon as the complete plant is delivered we will have the same set up ready for operation by the first of April. This plant will be an asset to the city for patching purposes and a program should be inaugurated whereby two miles of street could be laid every year and if this program could be conscientiously carried out within a few years we would have many miles of asphalt streets and our cost for maintenance would be greatly reduced owing to the fact that asphalt streets of this type which we are constructing can be maintained for about \$50.00 per mile per year. This amount is very much less than the cost of maintaining gravel roads.

This asphalt plant can also be used to good advantage in topping some of our rough sidewalks and if the money was available we have no doubt but what the plant could be run steady for more than one season on sidewalk work alone.

Oiling Streets

The Board has discovered during the past three seasons that in oiling streets the method of application varies with the conditions encountered. They have, therefore, during the past season endeavored to oil each individual street in such a way that the oil applied would give the city a maximum service. Oil which penetrates into the street we have discovered is of little value as the mixture of the same with too much gravel or other surface material causes the oil to quickly turn to dust and is blown away.

We have, therefore, in the application of our oil endeavored to form a surface coat rather than penetrate the streets and we think by so doing we have enabled the city to have good traveling streets and the oil applied to last far longer than if applied in a haphazard manner.

Oil we feel is the best and cheapest maintainer that can be used on our gravel streets and under no circumstances should the amount of oil be reduced. Neither should a cheaper grade of oil be used, nor should the area oiled be reduced. In fact, if this area could be increased it would be money well spent.

Sidewalks

We all know that the sidewalks of the city have never received the proper amount of attention owing to the fact that the appropriation allowed for sidewalks has hardly been sufficient to keep them passable.

As outlined in relation to our asphalt plant the Board feel they now have a solution of the difficulty of repairing our sidewalks which can be accomplished at a reasonable expense. The present sidewalks which are rough for traveling upon will make excellent foundations for an asphalt surface.

We do not feel that this asphalt type of sidewalk is suitable for our heavy traveled streets such as Congress, Market and part of Pleasant, but for other streets we feel that this sidewalk would give years of satisfactory service. For the main streets we recommend a concrete sidewalk of the best possible type that can be built.

Sanding Sidewalks

We deemed it advisable to have two sand sheds at the City Yard rather than one as heretofore. We have, therefore, this year utilized another shed and we think we have ample storage of sand to carry up through the season unless extraordinary emergencies arise, as was the case last season, when it was necessary to sand the whole city almost daily. In order to take care of such extraordinary emergencies we have opened up at the Lafayette pit a section of sand which will be readily obtainable throughout the winter if we should need it.

Trees

Owing to a decrease in our appropriation on trees during the past season we have been unable to carry out the program which we outlined last Fall. We have, however, taken care of all the dead wood, all limbs interfering with chimneys and have taken down bad portions of some of the worst old elm trees.

We have, however, several bad trees which we could not handle this season. These trees are getting into such bad shape that it will be useless to try to carry them along further. While to the average observer these trees appear to be in a healthy condition, boring tests made upon them show there is nothing alive but the bark. The chances are that several of these trees will not leaf out during the coming season, owing to the fact that the pavement on the streets cuts off the supply of water necessary to keep large trees of these types alive.

Bridges

Our main concern during the past season has been the Sagamore Bridge, located on Sagamore Road near the Rye line. This bridge is of pile construction with a wooden deck and carries not only road traffic but also a single track for the Portsmouth Electric Railway. The condition of this bridge is such that the Board hired the bridge engineer of the state of Maine to make an examination and his report was the same as the report of the Superintendent of the Board—that the bridge was utterly unsafe and should be replaced at once, once.

We spent considerable money keeping this bridge open but now feel that the time has come when this bridge should be replaced with a permanent structure. We have acted along these lines and at the present time have plans under way which will be brought before the Council of 1923 with a recommendation that some seventy or seventy-five thousand dollars be expended for the construction of a structure on this site which will be good for years without repair charges of any sort. A pile structure on this site would cost over one-half the cost of a permanent structure and the maximum life of a temporary structure would be 25 years, with a maintenance cost growing larger and larger from year to year after the second year. The structure which we deem advisable to place here has practically an indefinite life with a maintenance cost of nothing more than the keeping up of the pavement to carry the traffic. Detailed plans, specifications and itemized cost will be brought before your Honorable Body early in the season of 1923.

The bridge on Junkins avenue across the South Mill Pond has had considerable work on the superstructure, as well as complete replanking. The bridge on Boyd Road was completely rebuilt for the second time in three years. The North Mill bridge is showing some

signs of settlement in the foundation, owing to water working through the structure. The nature of this, however, is nothing alarming as it has been going on for several years.

Considerable agitation has been raised in relation to the method employed by the Board in taking care of the necessary water to flood the flats of the North Mill Pond during the summer season. It had been the experience of the Board to spend from \$250.00 to \$700.00 annually on the maintenance of the tide gates at this bridge. During the past winter the concrete dolphins which held the gates when they were swung back gave away and the gates were completely wrecked by ice. After due consideration it was decided to build a cheap temporary dam at a cost of one-twentieth of a replacement. This temporary dam was built to hold the tide water over the flats during the summer season when the stench from the same was obnoxious. In the Fall steps were taken to relieve this dam and the same was allowed to be carried out by the tide as it was deemed advisable rather than going to the expense of salvaging the material of which this dam was composed. The dam was relieved this Fall owing to the fact that if left until ice began to run through the bridge, the bridge would be very liable to be damaged.

There are two methods of taking care of this proposition. One is by the replacement of practically the same type of dam for the season only. The other is the building of a structure with wing as well as apron to prevent leakage with new gates, with a cost of at least \$3,500.00.

Sewers

During the past season our greatest difficulty with sewers in the city has been on Miller avenue owing to the fact that the brick sewer across the Pearson field is not of sufficient strength to hold the pressure of the water which it has to take care of at times when we have a large amount of rainfall in a short time. In order to relieve this situation we have built a second outflow at the South Mill Pond with a special type of gate which will open when so much water gets into the sewer and we hope to relieve the back pressure which has been so disastrous to the sewer and annoying to the residents of Miller avenue. At the time our appropriation was made we did not figure on this overflow, therefore, the cost of the same has brought up our expenses on sewer work considerably.

Our chief attainment along the lines of sewer work during the past season has been to eliminate or reduce the sewer trouble. We have carried at the office on Court street a plan of each and every complaint whether on private or public sewer and by careful examination of the same and by studying the other sewers in the immediate vicinity we have been enabled to eliminate many serious

continuous nuisance. The keeping of these complete records has enabled us to make recommendations to owners of private property, which saved them a great deal of money which they had been paying for continuous sewer trouble in certain localities. We have placed several manholes in private sewers at a cost to the owner of less than one-fifth of the cost per year heretofore for taking care of their sewer trouble. The placing of these manholes will enable this property to get rid of sewer stoppage at a cost in cents where heretofore it was in dollars.

We have discovered that the outfall on the Deer street sewer is broken at a point about 50 feet from its end. This is a piece of work which will have to be attended to during the coming season and will be rather expensive, owing to the fact that divers must be employed.

Collection of Ashes

The cost of the collection of ashes has been cut about \$500.00 during the past season and a great deal of this saving is due to a changed method of employing the men who pick up these ashes.

Playground

During the early part of the season, the playground on Parrott avenue was closed for a period of 15 days to enable the Board to put in a system of subdrainage. This system consisted of trenches in which open joint tile was laid and the trenches refilled with coarse cinders from the R. C. L. & P. Co. This work was carried on to the extent of the amount of cinders we could obtain and we should think that the work necessary is about half completed and the coming Spring we hope to be able to complete the plan of this work as the results obtained were very satisfactory, water disappearing after a heavy shower within an hour or two, where heretofore it would remain for days at a time.

An improvement was made on the playground by filling in with one foot of cinders upon the ground utilized for basketball, volley ball and the battlebag games.

Owing to the fact that we had a very wet season the playground would have been of little value to the public if these steps had not been taken the winter before. There still remains considerable wet ground which at the present time is of little value and the above program will be carried out in this area as far as the cinders available during the winter season will allow us to go.

Some of the apparatus which was bought several years ago is badly worn and will have to be replaced this season. However, the apparatus which has been purchased for the past two seasons together with a large percentage of the smaller equipment is in good shape and has been retained from year to year and can be utilized

during the next season.

We consider the past season on the playground to have been very successful and the work was handled in a most commendable manner by those in charge.

The lot near the Armory is at the present time being graded for playground purposes and we hope that by so doing the youngsters will have a place to play when a large game is in progress on the main playground.

Snow Removal

During the past season the Street Department put out each storm 3 horse-drawn sidewalk snow plows. We have endeavored to give the tax payers the best of service and have oftentimes put these plows out in the late afternoon and evening in order to open up streets, a practice which has heretofore not been employed.

The latter part of last year the practice of opening the main streets of the city for automobile traffic was inaugurated and two snow plows purchased for our 3 1-2-ton trucks. We feel that this service was greatly appreciated by many of our taxpayers as the compliments which we have received for so doing were more numerous than the complaints. Statistics by the State of Pennsylvania show that one truck can keep open 10 miles of road during a snow storm. The City of Portsmouth has about 70 miles of road. We, therefore, wish to point out that we cannot open all the streets and roads of the city with the present amount of apparatus even if we figured on each truck being able to keep open 20 miles. Should the taxpayers wish to have all the roads and streets opened it will be necessary to employ practically double the apparatus which we now own in order to do so.

The main streets of the city after each storm were cleared of all snow, the same having been hauled to the South playground and by so doing we have been enabled to keep the city streets in a very passable condition even after several large storms.

Bridge Approach.

The Board has during the past season practically completed the approach to the new Memorial bridge between State and Daniel streets on the water front. The construction of the concrete was let to L. H. Shattuck Inc., and the work they did was carried forward in a very commendable manner.

The balance of the work has been done by the Board and citizens of Portsmouth employed. We feel that the approach when completed will be one of the beauty spots of the city.

Federal and State Aid

During the past three seasons the City of Portsmouth has been enabled to obtain either State or Federal aid on the construction of the main approaches to the city. The Greenland Road, the only unimproved approach to the city, has been taken care of during the past season by Federal and state aid, the cost of the same being divided as follows: one-half paid by the Federal government; one-third paid by the City of Portsmouth; one-sixth paid by the state of New Hampshire.

Considerable difficulty was encountered in getting the necessary aid on a section one and one-half miles long extending from Lois Avenue to the Channel estate on the Greenland Road. However, late in the season, owing to the fact that Federal aid had not been taken up in another locality the city was granted the necessary funds from Federal aid and in order to have this piece of road for use before another year, the construction work on the same was undertaken by the Board and pushed through. Next Spring a penetration top will be placed upon this road and we will then have every approach to the city of a permanent type and we feel that the city has been enabled by the backing of their representative in the Legislature and on the Governor's Council, to obtain our share of the road work covered by the state during the past three years.

Considerable comment has been made upon the type of pavement laid on our various approaches, but owing to the fact that the amount of money which the city could put into these approaches and the amount of aid that could be obtained for their construction, we feel that the type of pavement which we have used has given us more miles of well-drained, good traveling streets, with a minimum maintenance cost each year than could be obtained if we had employed a pavement that cost as much per mile as six or seven miles of our present pavement has cost, even though the better type of pavement be more permanent. In other words we feel that the results accomplished are far more satisfactory to the taxpayers than if we had one or two miles only of permanent construction which cost as much as the pavement we have used to completely pave every approach.

Streets That Should Be Repaired

Petitions have been received by the Council and referred to the Board for improvements on Marston and Essex Avenues. The Board feels that these streets are of such importance that the coming year the Council should provide the necessary funds to place these streets into a passable condition.

Marston avenue has a very bad ledge, otherwise the proposition of

placing this street in good condition is very easy.

Essex Avenue has been a public streets for 20 years and is absolutely impassable—in fact, it never has been passable. A right-of-way through this section across private property has heretofore been called Essex avenue, but as the private property has now been fenced in this street, which would be very handy as a passageway from Islington to Middle Road, between the Plains and Spinney's Lane, cannot be used.

The Board of Public Works feel that at a reasonable cost this street could be made an asset to the City of Portsmouth.

WATER DEPARTMENT

Mains and Services

During the past season we completed the extension of the water main up Maplewood Avenue and also extended the water main from Well No. 1 to Well No. 2 on the Greenland Road.

Twenty-three new services were installed in 1922, using 1,970 feet of pipe.

Twenty-six services were renewed, using 905 feet of 3-4 inch genuine wrought iron pipe.

Three hundred and eleven meters were installed and 423 taken off.

We purchased 40 new meters and sold 6 to private individuals.

We had a great many more hydrants than usual broken off by automobiles and it was necessary for the department to replace 9 complete hydrants. In two instances only were we able to find out who ran into the hydrant and broke it off. Both parties paid the cost of replacement. The hydrants have now been painted yellow in order that they would show up more plainly and since that time no hydrants have been broken.

Leakage in the System

A special effort has been made to eliminate as many leaks as possible on the mains and services. One of our meter readers spent the greater part of the summer in locating leaks which were repaired as fast as discovered. Not only did he locate leaks on services, but also several large leaks were located on the mains by having the sould show up on services nearby. There were 31 leaks repaired on services and 12 on the mains.

All the pipe in the town of New Castle, below the Wentworth Hotel, is spiral riveted pipe. This pipe, when installed, was especially good pipe of its class and it has carried the high pressure for over 20 years. It is, however, getting into very poor condition, as an experience which we encountered this summer will show. A small leak was discovered on the pipe and in uncovering this leak rivets

were started in the adjacent pipe so that before we were through it was necessary to replace 60 feet of this pipe with castiron. It is recommended that a detector meter be placed at the junction of Sagamore Road and the Little Harbor Road and daily records kept on the same so that if the spiral riveted pipe should let go in the fields it will be discovered within 24 hours, in order that we may not be pumping for months water which is running to waste.

A great many gates on the mains throughout the city have been found to be leaking around the stuffing boxes and in other instances the gates were so corroded that it was impossible to work them. During the coming season special attention will have to be given to this matter as it is of great importance to the Water Department that these gates be kept in working order.

By the elimination of leakage we figure that we have reduced the amount of water pumped at the stations 200 gallons per minute. By the stopping of illegal consumption, the placing of meters and the prevention of other waste we figure a saving of another 200 gallons per minute. In these two ways alone we figure that we have reduced our pumping at least a half a million gallons per day. We know at the present time exactly what we are pumping by our electric pumps, as we have a Venturi meter installed on each one which keeps a constant record. This meter is read hourly by the engineer on duty and a report made to the superintendent every 24 hours, showing not only the water pumped but the number of hours which we were able to stop our pumps on account of the elevation of the water in the standpipe being very near the top; the elevation of the water when pumping is begun at each source of supply as well as the elevation after the pumping is discontinued. In this way we discovered that during two weeks in the month of December the water at the Sherburne Station dropped 1 inch per day.

Operation Costs

During the past season the amount of coal consumed at the Sherburne Station has been very small. At the present time the only coal used is used for heating purposes as we have in operation at this station a million and a half gallon 6 inch electrically driven centrifugal pump with an auxiliary or stand-by pump of the same size and type driven by gasoline.

We also had installed in 1921 two electrically driven deep well type pumps upon an entirely new water supply located on the Greenland Road. These pumps are operated by long distance control from the Sherburne Station and the combined cost for electricity for operating both these plants is practically the same as the cost for coal to operate the Sherburne Station. We did not complete this installation until well into the season and our costs on pumping were

about \$5,000.00 less than the year previous.

The gasoline pump installed at the Sherburne Station is a standby in case the electricity should be cut off by fire and saves the necessity of carrying banked fires under the steam boilers at least 7 months per year and the coal saved by so doing will pay the cost of this pump in two seasons.

The Haven station located on the Sherburne Road is still operated by steam. We have required the water from this station once during the present season while cleaning out and washing the new wells and once when we found the water at the Sherburne Station had dropped 14 inches for lack of rain. It takes several days time to start and tie this station up. We, therefore, recommend that this station be electrified and equipped with a remote control the same as the New Wells so that the water from this source may be at the tip of the engineer's fingers at the Sherburne Station should occasion arise where the water was needed.

New Pump

The Board the past season has endeavored to get the new steam pump located on the lower ground level at the Sherburne Station into operating condition, but when we got into the situation we ran into so many difficulties that it was necessary to change our plans. We ordered from the A. P. Smith Company a special fitting to make connection to connect this pump up on the suction end and they have been very slow on delivery of same. They have had the order over six months and we expect as per their last letter that the fitting will be delivered early in January, after which the installation of this pump will be completed with the exception of a difficulty which we discovered while installing the electric pumps. It is this: Lack of suction area on the present wells at the Sherburne Station. In order to successfully operate this pump it will be necessary to place more wells in the Sherburne area in order to let more water into this pump in a given time.

We have purchased the necessary pipe to put down 2-10 inch wells in the Sherburne area to a depth of 60 feet and are at the present time making test borings throughout the area in order to determine the locations where best these wells can be placed in order to serve the end of allowing us to get more water from the ground quickly.

Property Purchased from the B. & M. R. R.

At the time we were connecting the Sherburne station to the New Wells with the pipe line it was necessary for us to investigate property owned by the Boston & Maine Railroad through which we required a right-of-way. In this investigation we discovered that

the coal trestle at the Sherburne Station, together with about one-half of the wells were located on property of the Concord Railroad. In order to eliminate any difficulty that might arise in the future in relation to this matter the Board decided to purchase from the Boston & Maine Railroad a tract of land comprised of 23 acres for the purpose of placing these wells and the coal trestle on our own land and at the same time have a right-of-way for the pipe line to the new wells. This purchase was made for \$1,800.00, and we consider that the Water Department was very fortunate in coming into control of this property before it was sold to someone else, as all this property furnishes water shed to the Sherburne area.

Low Pressure or Peverly Service

We have put a great deal of thought and time on the low pressure or Peverly system and have succeeded in reducing the hours of operation and increasing our income in proportion to the amount of water pumped to such an extent that the Peverly system for the first time in its history will show a substantial profit.

We do not feel that we are giving as good service on the Peverly system as we might without increasing our operating costs. At the present time the Peverly system is operated only 5 hours per day unless it is a case of extraordinary emergency and when the pumps shut down at the station those takers who have not sufficient storage are unable to get Peverly water. It is our recommendation that a pump of the centrifugal type operated by electricity, which will pump from 200 to 250 gallons per minute and be operated continuously day and night so that the takers of Peverly water can receive real service.

Peverly water is far superior to our high pressure water for the use of laundries and for boiler purposes. In fact, we are informed that the Peverly water saves one large consumer close to \$1,000.00 per year, as no boiler compound is necessary if this water is used.

Recommendations

That suitable electrically driven remote control pumps be installed at the Haven station.

That a small centrifugal pump be installed at the Peverly station and operated continuously day and night.

That the spiral riveted pipe line on the high pressure at New Castle be replaced with a cast iron main.

That a 12 inch main be laid on Middle Road to the Sherburne Station in order that water may be put into the city through two supply mains rather than one as at present. In case of a break or trouble on the present main under the present existing circumstances no water can be supplied until the trouble is remedied.

It is also recommended that the pump installed at the Haven station pump against the high pressure and arrangements be made whereby the Jones system can be utilized in connection with this station to afford further supply direct to the city.

For the financial condition of this department, we would respectfully refer you to the reports of the City Treasurer and City Auditor.

The cost of the several items recommended will be submitted in our annual estimate of appropriations for this department. We would urgently request that you give the above recommendations your careful attention.

The Board wishes at this time to express to His Honor, the Mayor, and Council its appreciation of the hearty co-operation given them on the work of the Board as enumerated in this report.

Respectfully submitted.

CLARENCE SMART, Clerk.

ANNUAL REPORT
OF THE
Board of Instruction
OF THE
City of Portsmouth N. H.



For the Year Ending December 31,
1922

At the regular meeting of the Board of Instruction held January 9, 1923, the annual reports of the Secretary of the Board of Instruction and the Superintendent of Schools were presented, accepted by the Board, and ordered transmitted to the City Council as the report of the Board.

WILLIAM H. SLAYTON, Secretary.

Central Office, School Department.

CITY HALL, DANIEL STREET

SUPERINTENDENT OF SCHOOLS

William H. Slayton 140 Orchard Street
Office Hours—School Days, 8 to 9 and 4 to 5. Saturdays 9 to 12.

CLERK

Alice M. Chase, 24 Friend Street
Office Hours—Daily, 8 to 12 and 1.30 to 5. Saturdays, 8 to 12.

TRUANT OFFICER.

Richard D. McDonough, 547 State Street
Office Hours—School Days, 9 to 9.30 and 2 to 2.30.

CALENDAR

Terms—September 11 to November 24, 1922.

December 4 to February 16, 1923.

February 26 to April 20, 1923.

April 30 to June 21, 1923.

Christmas Recess—December 23 to January 1.

School Holidays—October 12, 1922; May 30, 1923.

SCHOOL SESSIONS

Kindergarten—9 to 12.

Grade I—9 to 11 and 1.30 to 3.30.

Grades II to VI—9 to 12 and 1.30 to 3.30.

Junior High School, Grades VII and VIII—9 to 12 and 1.30 to 3.30.

High School—8.15 to 1.

SCHOOL SIGNALS

Schools will be open every day, regardless of weather conditions. The signal 2-2-2-2 at 8.15 or 12.45 leaves school attendance at the discretion of the parents.

If extraordinary conditions require the closing of the school for the entire day the same signal will be given at 7.10 A. M. and will apply to all schools and grades.

Organization Board of Instruction.

1922.

MAYOR FERNANDO W. HARTFORD, 133 Miller Avenue, Chairman, Ex-officio.

IDA P. BENFIELD, 148 Richards Ave.,	Term expires January,	1925
CHARLES P. CARROLL, 3 Rockland St.	" " "	1924
ALFRED GOODING, 40 Court St.,	" " "	1925
PEARL S. GRAY, 443 Lincoln Ave.	" " "	1923
C. E. HODGDON, 1400 Woodbury Ave.	" " "	1923
FRANK W. KNIGHT, 542 State St.	" " "	1924
JOHN L. MITCHELL, 1051 South St.	" " "	1925
IRA A. NEWICK, 250 Highland St.	" " "	1924
EDW. P. SHERBURNE, 1808 Islington St.	" " "	1925
LUCIUS H. THAYER, 664 State St.	" " "	1924
RICHARD S. WESTON, 885 State St.	" " "	1923
MARY I. WOOD, 845 South St.	" " "	1923

Secretary and Superintendent of Schools.

WILLIAM H. SLAYTON, 140 Orchard Street.

Board Meetings: Regular Meetings are held in City Hall, at 7.30 P. M. on the second Tuesday of each month, except August.

Committees.

Committee on High Schools—Thayer, Hodgdon, Mitchell, Benfield.

Committee on Elementary Schools—Wood, Newick, Knight, Sherburne.

Committee on Training School and Educational Materials—Gooding, Weston, Carroll, Gray.

Committee on Schoolhouses—Knight, Weston, Hodgdon.

Committee on Finance—The Mayor, Thayer, Wood, Gooding, Knight.

Organization Board of Instruction.

1923.

MAYOR SAMUEL T. LADD, 112 Highland St., Chairman, Ex-officio.			
CHAS. P. CARROLL, 206 Rockland St. Term expires January, 1924			
ALFRED GOODING, 40 Court St.	"	"	1925
MAX GOODMAN, 220 Cabot St.	"	"	1926
PEARL S. GRAY, 443 Lincoln Ave.	"	"	1926
FRANK W. KNIGHT, 542 State St.	"	"	1924
JOHN L. MITCHELL, 1051 South St.	"	"	1925
IRA A. NEWICK, 250 Highland St.	"	"	1924
HELEN PICKERING, 348 Union St.	"	"	1925
EDW. P. SHERBURNE, Islington St.	"	"	1925
LUCIUS H. THAYER, 664 State St.	"	"	1924
JOHN W. TONER, 506 Middle St.	"	"	1926
MARY I. WOOD, 845 South St.	"	"	1926

Secretary and Superintendent of Schools,

WILLIAM H. SLAYTON 140 Orchard Street

Board Meetings: Regular Meetings are held in City Hall, at 7.30 P. M., on the second Tuesday of each month, except August.

Committees.

Committee on High Schools—Mr. Thayer, Mr. Mitchell, Mrs. Wood, Mr. Knight.

Committee on Elementary Schools—Mr. Newick, Mr. Sherburne, Miss Pickering, Mr. Toner.

Committee on Training School and Educational Materials—Mr. Gooding, Mr. Carroll, Mrs. Gray, Mr. Goodman.

Committee on Schoolhouses—Mr. Knight, Mr. Toner, Mr. Goodman.

Committee on Finance—The Mayor, Mr. Thayer, Mr. Newick, Mr. Gooding, Mr. Knight.

Report of the Secretary.

To the Board of Instruction,

Ladies and Gentlemen:—I submit herewith my report as Secretary of the Board of Instruction for the year ending December 31, 1922.

A full statement of income and expenditures for the year, together with similar statements for the years 1920 and 1921 for the purpose of comparison, is here given.

Revenue

	1922	1921	1920
Balance from previous year . . .	\$145.04	.00	.00
High School Tuition	4,529.00	3,495.50	3,021.75
Dog Licenses	1,236.20	1,061.40	1,216.05
Miscellaneous Collections	408.71	239.88	137.09
Appropriation by Council	132,000.00	137,313.00	130,000.00
Amount necessary to balance ..			1,281.98
	\$138,313.95	\$142,109.78	\$135,656.87

Expenditures.

Expenses of General Control

Clerk	1,050.00	1,050.00	1,050.00
Attendance Officer	700.00	700.00	700.00
General Office Expenses	577.22	348.03	518.33
	\$2,327.22	\$2,098.03	\$2,268.33

Expenses of Instruction

Salaries of Teachers	103,624.69	103,919.93	99,447.53
Text Books	3,526.20	2,981.64	2,860.09
Pupils' Supplies	3,511.69	4,837.10	4,081.75
Other Expenses of Instruction	1,501.69	1,357.21	1,012.53
Supervision		700.00	
	\$112,164.27	\$113,795.88	\$107,401.90

Expenses of Operation of Plant

Salaries of Janitors	8,037.50	8,149.20	8,119.10
Fuel	5,533.46	8,142.70	6,643.74
Water	502.00	640.35	627.30
Light and Power	623.85	679.38	431.20
Janitors' Supplies	621.47	609.23	451.80
Other Expenses of Operation ..	288.60	297.91	235.37
	\$15,606.88	\$18,518.77	\$16,508.51

Expenses of Maintenance of Plant

Building Repairs	3,093.20	3,203.35	4,189.28
Equipment Repairs	911.67	1,093.42	961.66
Other Expenses of Maintenance	543.75	515.46	643.85
	\$4,548.62	\$4,812.23	\$5,794.79

Outlays

New Equipment	3,069.84	1,693.23	2,502.83
Evening School	318.50	1,046.60	1,180.51
Total Expenditures	\$138,035.33	\$141,964.74	\$135,656.87
Balance forward	283.62	145.04	.....
	\$138,318.95	\$142,109.78	\$135,656.87

Cost per Pupil of Average Membership.

Expenses of General Control	\$1.00	\$.89	\$.99
Expenses of Instruction	48.27	47.64	46.98
Expenses of Operation	6.72	7.76	7.22
Expenses of Maintenance	1.96	2.02	2.53
Average for Current Expenses ..	\$57.95	\$58.31	\$57.72
Outlays—Plant and Equipment ..	1.32	.71	1.10
All Expenditures (Day School) ...	\$59.27	\$59.02	\$58.82

It is possible to show a cash balance at the end of the year for these reasons: omission of evening school, increase in size of classes at high school, economy in purchase of supplies, deferring purchase of coal, increase of tuition rate from \$55 to \$70 per annum, increased miscellaneous income and dog tax receipts.

For four years in succession city councils have cut the estimated budget of the School Department. Two of these years the Department closed its books with an expected deficit, the third year bills payable were carried over, and this year by such questionable economies as those given above we have a trivial balance. It is hardly necessary to point out that in the expenditure of a sum as large as \$140,000 needless apprehension and inconvenience are forced upon the School Department when there is so small a margin of balance. In this connection I would suggest that the City Council be asked to ignore the approximate \$1500 represented by miscellaneous income and dog licenses, allowing this as a free margin to cover expenses of various kinds which cannot always be foreseen.

Respectfully submitted,

W. H. SLAYTON, Secretary.

REPORT OF SUPERINTENDENT.

To the Board of Instruction.

Ladies and Gentlemen:—The report submitted this month is my fifth annual report, the thirty-seventh in the series of similar reports rendered by the Superintendent of Schools of Portsmouth.

Enrollment of Pupils, December, 1922.

Schools	Elementary Grades										Whipple			High			Training School		Total by Sch's
	K	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	Jr.	Sr.				
High																			699
Whipple																			343
Farragut																			298
Haven																			278
Lafayette																			279
New Franklin																			222
Cabot St.																			127
Atlantic Heights																			83
Woodbury																			13
Plains																			29
Lafayette Road																			19
Total by Grades	146	221	203	183	190	196	195	167	177	229	203	148	119	8	5			2390	

THE HIGH SCHOOLS.

The High School enrolment, far in excess of other years, is attended by problems of accommodation that are very trying; nor does there seem to be any likelihood of abatement of this increase in numbers. Each year sees the graduation of about one hundred, and each fall an incoming class of over two hundred is registered. A two-session plan has been avoided this year only by putting extra seats into many rooms. The actual seating capacity at present is as follows:

- 3 rooms have 30-35 seats.
- 3 rooms have 40-49 seats.
- 9 rooms have 50-54 seats.

A class of 36 recites in the assembly hall. A class of 25 is taken care of in the new basement room.

For two years two Junior High divisions have been housed in elementary buildings. These children have not had equal opportunities with their fellows mainly because their teachers, however efficient, cannot develop their several subjects as other teachers develop one or two subjects under a departmental plan. This plan will have to be continued indefinitely as the enrolment of the elementary grades remains rather constant. The oncoming classes have from sixth to first in order, 195, 196, 192, 181, 203 and 221. Whatever loss occurs along the way is more than made up in the ninth year by accessions from St. Patrick's School and adjoining towns.

In the absence of more accommodations for these two schools these conditions must be endured. I do wish to point out, however, that these difficulties may be compensated in a measure by providing the strongest possible corps of teachers. Otherwise the high schools will fall into a condition of inefficiency that will be a reproach not only to this Board but to the public at large. If the High School cannot properly fit the large number who want to go to college we shall have to refuse to certificate those graduates who barely pass, or we shall have to refuse to graduate a larger percentage of each senior class.

THE SCHOOL PLANT.

Haven Addition.

The most notable plant improvement is the erection of the Haven addition which provides for a full size class room on the second floor and a combination room on the first floor which serves the purpose of kindergarten room and special class room when the partition is in place and as a "community room" for afternoon or evening gatherings when the partition is folded back. The second-floor class-room will afford accommodations for pupils from adjacent districts when the district lines are changed. Thus congestion at the Lafayette and Farragut will be relieved and pupils now attending the New Franklin can be restored to their logical district. The financial statement of the building expense follows:

Building contract	\$17,362.25
Heating and ventilation	2,536.60
Lighting	220.00
Architect	791.88
Window shades	127.28
Incidental	43.18
Total	\$21,074.59

The Woodbury School has been equipped with chemical closets and a ventilating stove. The interior has been painted a light tan, the roof has been shingled and the exterior wood-work painted. When arrangements can be made for a water supply this will be a model rural school plant. Frequent meetings of parents and citizens are held here in the evening.

The New Franklin Playground has been graded and blind-drained. One piece of playground apparatus has been erected. This has been almost entirely directed by officers and members of the Parent-Teacher Association cooperating with the Board of Public Works and serves as an ideal example of community helpfulness.

The Farragut Playground was publicly dedicated June 16. A pageant illustrative of the work, spirit and ideals of the school impressed the large number of citizens and city officials present.

Three new Kelsey furnaces have replaced the worn out heating equipment in this building.

A Mechanical Drawing Room has been finished in the boys' basement by the Mechanic Arts classes. A partition was erected, hard pine floor laid, electric wiring in conduit put in, cabinets erected and drawing tables designed and made. The labor cost to the city would have been about \$400 if this had been done by outside workmen.

RECOMMENDATIONS.

Long-deferred repairs upon several school buildings should receive attention this year. Among these are:

Interior painting of High School building and Farragut building.

New furnaces at the Haven and Whipple.

New ceilings at the Lafayette and skim-coating of walls. (Two ceilings were replaced in December.)

The Lafayette Road building should have chemical toilets, increased window area, improvement in ventilation and a water supply.

The Haven addition should have the folding-door partition installed which was in the original plan but was deferred owing to lack of appropriation.

TEACHERS.

Changes. Too many of our best teachers leave us every year. In the High School there are only two teachers who were here five years ago; the average term of service in recent years has been two and a half years. Of this year's corps four have had no previous experience and five have had but one year's experience.

The Junior High School has been more fortunate with only three changes. The elementary grades have the smallest proportion of changes.

The percent of change in the three groups is: High School, 35; Junior High, 23; elementary, 10.

The professional spirit of the teachers is excellent. During the summer these teachers attended summer session: Misses Hewitt, Boomer, Hamilton, Odell and Wiggin, New Hampshire College; Mr. Piper, Keene Normal; Miss Mildram, Plymouth; Misses Byrne, Harrison and Bartlett, Columbia; Miss Toner, Harvard; Mrs. Piper,

Keene Normal. Several are working for collegiate credit.

Another method of improvement of teachers in service is afforded in the extension course inaugurated by the Teachers Association in connection with the Harvard-Boston University Extension Service. Forty-five teachers meet Prof. George E. Johnson of Harvard every Monday afternoon from 3.30 to 5.30 in a course on "Motivation of School Work." If one secures full college credit of two hours in this course one must attend fifteen lectures, spend six hours a week in assigned readings and pass examinations. Several of the teachers will qualify under these conditions.

A further means of improvement is through the reading and study of professional magazines and books and discussion of these in group teachers' meetings.

Recommendations.

I repeat and urge the increase of the maximum salary of women teachers in the high school to \$1500 and of junior high school teachers to \$1300. I recommend the establishment of heads of departments in the high school in mathematics, English, history, and French to the end that these subjects may be better co-ordinated. This plan seems to me particularly necessary in view of the frequent changes of teachers; it is a common practice moreover where there is a more stable teaching force.

I repeat my recommendation for the equalization of certain salaries in the elementary grades. There are several teachers, who by reason of meritorious service should be increased to a salary equal to what they would have received under the time schedule that once obtained. There are others who should be increased to the maximum of \$1150.

HEALTH.

The present plan calls for the inspection of 3000 children by one nurse who is also supposed to follow-up treatment where recommended. It would be difficult to find more effective work anywhere than that which has been done by Miss Miller. She has secured the hearty and general co-operation of teachers, parents, physicians and specialists in the city. The results summarized below hardly do justice to this service:

FROM SEPTEMBER 14, 1922 TO JANUARY 1, 1923.

Children examined	1248
School calls	93
Home calls	289
Follow up calls	190
Hospital calls	30
Children taken to the Hospital	7
Children taken to the Oculist	4
Children taken to the Dentist	8
Tonsils removed	13
Operation for emphyemia	1
Adenoids removed	16
Mastoid operations	2
Children examined at the office for different troubles	42
Certificates given to return to school	37
Certificates given of vaccination	15
Tuberculosis Clinics attended	2
Talks on health given in Schools	9
Talks on health given at Mothers' meetings	5

Dental treatment has been given in the dental room by Dr. Griffin. The equipment has now been removed to more suitable quarters at the Whipple. A Children's Dental Fund has provided thus far \$250 to continue this much-needed service.

A mid-forenoon lunch of milk and graham crackers has been served at the Farragut and the Haven for several weeks. The weight charts of the children indicate the value of this work.

The High School lunch room may well be classed with the school health program. Wholesome lunches are served at a little above cost and many of the scholars patronize the lunch counter. Headmaster Gray reports on this in full elsewhere.

Specific school room instruction in hygiene that is carried on in all grades with reference to habits of cleanliness, eating, sleeping and so forth is engendering in boys and girls nowadays a health practice which will show its effect in the next generation of men and women.

Recommendations.

General practice elsewhere and local need prove that free dental treatment should be furnished certain of our school children.

I recommend that \$500 be provided for this purpose. This with the \$250 on the present dental fund will keep our dental room open three mornings a week for the greater part of the school year.

There should be a school nurse detailed to the two high schools alone. Her work would include personal health supervision of the girls particularly and also instruction in the courses given in the domestic arts curriculum.

Mr. William H. Slayton,
Superintendent of Schools.

Dear Sir:

I herewith submit my fifth annual report as Headmaster of the Portsmouth High School.

The total registration for the year ending in June, 1922, was 636.

The total registration so far this year is 720, while the actual membership on January 6, 1923, was 689. Of this number 90 are non-resident pupils, whose registration by towns is as follows:

Dover Point	1	New Castle	17
Eliot	8	Newington	11
Greenland	17	North Hampton	6
Kittery	3	Rye	24
Navy Yard	1	Stratham	2

The following table shows the registration of the school by classes:

	Boys	Girls	Total
Seniors	56	67	123
Juniors	64	87	151
Sophomores	97	110	207
Freshmen	109	130	239

720

With a graduating class of 110, and an entering class of at least 250, the registration of the school next year will be approximately 800 pupils. Since there are seats for only 703 pupils, the problem will be how to accommodate the others, perhaps 100. Either one of two ways

is possible, to eliminate the non-resident pupils or to run two sessions, having the entering class attend in the afternoon. Of course, an addition to the High School building would provide sufficient seating capacity, but without that, one or the other of the two plans before mentioned seems inevitable.

The new department of mechanical drawing under the direction of Mr. Reed has relieved the congestion in the manual arts department, and those in that course have a better balanced course than has been possible heretofore. The work is progressing with much success. A part of the boy's basement was partitioned off for the drawing room, a floor laid, drawing tables built, and electric lights installed. All of the work was done by boys in the manual arts department under the direction of their instructors.

With only four teachers in the High School today who were there in 1918 and with ten new teachers entering the school in September, 1922, the temporary quality of our teaching force is painfully apparent. If possible, a way should be found to retain the teachers we wish to keep so that greater permanency may result. Then, too, in securing new teachers, sufficient funds should be available to secure those who have had successful and adequate experience. Without a fairly permanent teaching force, composed of successful teachers with adequate experience, the kind of a high school that the boys and girls of Portsmouth should have is impossible.

A lunch room was opened in the High School on May 1, 1922, with Mrs. Bickford in charge. The initial equipment cost nearly \$100, but the patronage has been good, and the equipment is almost paid for.

The daily menu is selected from the following: milk, cocoa, frankfurts, sandwiches, coffee rolls, fried cakes, and ice cream. From 200 to 300 pupils are served every day, and for ten cents can be obtained all that any pupil needs for lunch. All lunch room supplies are purchased at wholesale and are sold to the pupils at a price only high enough above cost to meet the cost of labor and equipment, and to have, if possible, a slight surplus for emergencies. So far the surplus does not exist, because the equipment has not been entirely paid for.

The daily receipts in the lunch room vary from fourteen to twenty dollars, while the expense varies from sixteen to eighteen dollars per day.

All of the work of installing the lunch room fixtures, building counters, connecting the gas stove, putting up shelves, and putting in electric lights was done by boys in the manual arts course under the direction of their instructors.

Reports from the colleges on graduates of the Portsmouth High School who entered in September, 1921, were very satisfactory, and the reports so far this year, except from New Hampshire State College, are entirely satisfactory. Our students at Smith, Massachusetts Institute of Technology, Harvard, Radcliffe, Dartmouth, Bowdoin, and University of Maine are doing good work.

The following tabulation shows, that of last year's graduating class of 94, fifty-two members are attending other institutions of learning, distributed as follows:

New Hampshire State College	14
Portsmouth Training School	2
Portsmouth Business School	4
Smith College	1
Boston School of Art	2
Dartmouth College	4
Holy Cross College	1
Bowdoin College	1
Laselle Seminary	1
Massachusetts Institute of Technology	1
Plymouth Normal School	6
Massachusetts School of Pharmacy	1
Mt. St. Mary's	1
Worcester Polytechnic Institute	3
Boston University	2
Proctor Academy	1
Northeastern	3
Georgetown University	1
U. S. Naval Academy	1
The Lincoln School	1
Fannie A. Smith Kindergarten School	1

Last year the percentage of attendance in the High School was 97, and the number of tardiness 284, an excellent record, surpassing that of any school of equal size in the state, according to the report of Deputy Commissioner May.

The scholastic work of the school last year was excellent, as shown by the comparatively small number of failures, and by the high rating attained by many pupils.

The required amount of work in each subject was accomplished, and during a part of the year each member of the Junior class was given instruction in elocution.

From present indications it will be possible to offer this year to the seniors in advanced mathematics nearly three months work in analytical geometry, which, of course, is usually not studied outside of college, and next year, a half year, at least, of college mathematics will be possible. Ultimately a full year of college mathematics can be offered in the High School.

School Activities.

The Senior and Junior plays, the Junior "Prom," the Senior Benefit, the Senior Reception, other school dances, and the monthly meetings of the French Club made up the social and dramatic activities of the school. All were successful and contributed much to the enjoyment of the pupils and the welfare of the school.

In athletics the school had a successful year, especially in basketball, that team winning every game on its schedule, and being a contender for the championship of New England.

An enclosed field for the athletic games of the High School is a real necessity, and I hope that some way may be found, eventually, of providing it.

The school orchestra, under the direction of Mr. Bilbruck, achieved a marked degree of proficiency last year and rendered a fine service to the school and to the city.

Graduation.

The exercises of graduation of the class of 1922 were held in Music Hall on Thursday, June 22. The following was the program:

MUSIC,

High School Orchestra

INVOCATION,

Rev. Nelson Kellogg

SINGING—"Laughter of May"Lacome

ADDRESS—"What High School Has Meant to Me,"

Beatrice Evelyn Williams

ADDRESS—"Versailles, Washington and Genoa,"

Charles Perkins Wendell

SINGING—"Holiday March"H. Clements

PRESENTATION OF CLASS GIFT,

Maurice John O'Leary

ACCEPTANCE OF GIFT,

Rev. Lucius H. Thayer

(For High School Committee)

ADDRESS—"Radio and Its Possibilities,"

Irving Rydell Johnson

PRESENTATION OF HAVEN MEDALS,

Charles E. Hodgdon

(For High School Committee)

CONFERRING OF DIPLOMAS,

His Honor, Mayor Fernando W. Hartford

SINGING OF CLASS ODE,

Class of 1922

CLASS OF 1922.

Academic Curriculum

Eleanor Alkon	Irving Rydell Johnson
Randolph Newhall Beane	Ruth Louise Junkins
Dorothy Ellen Becker	Frank Emerson Lord
Clara Frances Bridle	Mary Olive Mattison
Elizabeth Chesley Churchill	Daniel Porter McIntire
David Cohen	Arthur William McMahon
Virginia Arnold Cuskley	Mary Bridget McWilliams
Clinton Smallcon Davis	Gertrude Miriam Moran
Aura Butler Drew	Arthur Gorham Rand
Georgianna Hawley Duncan	George William Randall
Charles Avery Eastman	Katherine Elizabeth Reitzell
Francis Luce Flanagan	Harold Francis Ryan
Anna Patricia Flanigan	George Winfield Scott

Gerald Orin Foss
 Henry Joseph Gamester
 Kathryn Hildebrand
 James William Hurley

Philip Wolcott Snyder
 Pauline Frances Stewart
 Paul Chandler Swett
 Wadleigh Winston Woods

Commercial Curriculum.

Ethel Pauline Adams
 Frances Elizabeth Amazeen
 Elizabeth Nettie Bryant
 Clara Jane Clark
 Gladys Mary Clark
 Harold Cecil Clark
 Eunice Cohen
 Josephine Dorothy Daley
 Harry deRochement
 Mary Belle Goodwin
 Clara Frances Hand
 Sophie Matilda Kaufman
 Lillian May Kimball
 Margaret Josephine Leary
 Mary Loretta Leary

Mary Josephine Meehan
 Virginia Pauline Micott
 Genevieve Blanche Prince
 Margaret Whitney Ramsdell
 Frances Shaw Raynes
 Ruth Kennard Raynes
 Mary Josephine Regan
 Anna Elizabeth Robinson
 Sophie Shapiro
 Sadye Sharansky
 Lillian Doris Shaw
 Vesta Enid Spinney
 Richard James Walsh
 Beatrice Evelyn Williams
 Elizabeth Ann Virgil

Domestic Arts Curriculum.

Mildred Bancroft Hannaford
 Francena Augusta Johnson
 Carrie Augusta Odiorne
 Eleanor Adelaide Pethic
 Marion Newick Shuttleworth
 Beatrice Amelia Tilley

Dorothy Mansfield Vaughn
 Dorothy May Ward
 Elenor Louise Wever
 Anna Belle White
 Lillian Gwendolene Woods

Mechanic Arts Curriculum.

Oscar Trice Aichel
 Francis Thomas Connell
 Harold Parker Cotton
 Walter Richard Harvey
 Andrew Gordon Hurley
 Wallace Reginald Jacques
 Ralph Norman Leavitt
 James Eldorado Lee
 Frank William Marshall
 Hugh Gillis McCann

Lewis Allen Minichello
 Maurice John O'Leary
 Wesley James Packard
 Francis William Pinkham
 Morris Bates Pridham
 Reginald Pendleton Reed
 Ralph Joseph Rinalducci
 Charles Perkins Wendell
 John Franklin Witham

CLASS GIFTS.

Four excellent gifts came to the school from the class of 1922: the first, a set of footlights for the stage; the second, seventy-five dollars for a fund which is to be

known as the 1922 Curtain Fund. This fund when grown sufficiently large will be used to buy an electrically controlled curtain for the stage; the third, fifty dollars to the 1921 Piano Fund, and finally fifty dollars' worth of books for the High School Library. The class of 1922 gave gifts which they thought the school needed most, and they are extremely useful and thought provoking.

Haven Medals.

The Haven Medals presented by Mr. Charles E. Hodgdon for the High School Committee were awarded as follows:

General excellence for the first two years—John Timothy O'Leary and Katherine Patricia Flanagan.

General excellence for the last two years—Irving Rydell Johnson and Mary Bridget McWilliams.

Excellence in mathematics for three years—Robert Noel McDonough and Dorothy Shaw.

Excellence in English for four years—George William Randall and Pauline Frances Stewart.

Excellence in Latin for four years—Irving Rydell Johnson.

Excellence in French for three years—Mary Bridget McWilliams.

Excellence in Science for two years—Irving Rydell Johnson.

Excellence in History for two years—Ruth Kennard Raynes.

Excellence in the Commercial Course for four years—Beatrice Evelyn Williams.

Honorable mention was made of the work of the following:

General excellence for the first two years—Bessie Greenberg, Sadie Halprin, Liliaue Lamb, Anastasia Rafferty.

General excellence for the last two years—Virginia Cuskley, William Hurley, Pauline Stewart, William Randall, Philip Snyder, Beatrice Williams.

Excellence in mathematics for three years—Ellsworth Clark, Teresa Conlon, Emerson Hall, Frank McCarthy, Natalie Moulton, John Pike, Philip Rugg.

Excellence in English for four years—William Hurley, Mary McWilliams.

Excellence in Latin for four years—Mary McWilliams, William Hurley.

Excellence in French for three years—Clara Bridle, Virginia Cuskley, William Hurley, Irving Johnson, William Randall, Pauline Stewart, Wadleigh Woods.

Excellence in science for two years—Philip Snyder, Frank Lord, William Randall.

Excellence in history for two years—William Hurley, Irving Johnson, William Randall, Pauline Stewart, Sophie Kaufman, Frances Raynes, Ralph Rinalducci, Charles Wendell.

The decision of the Board of Instruction to continue the services of a clerk in the headmaster's office I greatly appreciate, and through you I wish to extend my thanks to the Board.

In conclusion, I wish again to thank you for your un-failing support and timely advice, and to the teachers, pupils, and parents, I am much indebted for the fine spirit of cooperation that has been manifested in and toward the school.

Respectfully submitted,

LEE T. GRAY, Headmaster.

TRAINING SCHOOL.

This school shows a slight increase in the teacher training department. Now that other occupations, chiefly of a clerical nature, are not holding out so many opportunities to young women, there is a gradual return to the teaching profession. It now becomes possible to make a more careful selection of candidates for the junior class. Another good sign is the increasing interest in training school on the part of our own high school graduates.

The graduates of this year's class are teaching in the following schools:

Miss Katkin, Fair Haven, Mass.; Miss Rosa, kindergarten assistant and substitute in Portsmouth; Miss Walsh, Chocorua, N. H.

Graduating exercises were held in the High School Hall, June 19, with the following program:

Music	Junior High Orchestra
Invocation	Rev. Alfred Gooding
Music	Orchestra
Essay—"A Teacher I Have Known"	Ida P. Rosa
Address—"The Business of Teaching"	Miss Catherine A. Dole, Keene Normal School
Presentation of Diplomas	Rev. Alfred Gooding
Music	Orchestra
Graduates and subject of theses:	
Mary Teresa Katkin: "My Ideal Teacher."	
Ida Palmer Rosa: "A Teacher I Have Known."	
Mary Ellen Walsh: "Story Telling."	

REPORT OF TRUANT OFFICER FOR THE YEAR 1922.

To the Superintendent:—

While there has been a steady decrease in the number of truants in the past five years, the total of this year is far too many. The majority of cases are from the Junior High School, as is to be expected, for here are grouped the children who are in school because it is compulsory until they reach the age of 16 years. They occasionally lapse and disappear for a day or two at a time. It is, however, fair to say that one lad caused almost two-thirds of the total number in that school. This lad who had received the attention of about every agency brought into play to save him, refused to be benefited and finally it was necessary to send him to the State Industrial school. Since his departure there have been only isolated cases of truancy in this school. In one of the lower grades a feeble minded lad who lacks both mind and proper home conditions has been responsible for many cases.

There has been a favorable decrease in the number of children who are kept out of school for little or no cause at all. Chronic cases of this kind are generally dealt with by having the parents brought into court, that is, if they fail to heed the warnings. There are still a number of parents who take every opportunity and every excuse to keep their children at home. Sometimes it is a whim of the child, but more often the selfish interest of the parent which prevails. Only time and constant supervision can correct this condition.

Tardiness has been materially improved, but here only the more stubborn cases are brought to the attention of this office and they are quickly corrected.

There has also been an improvement in the child labor, and only a few cases are found and it has not been necessary to make a single prosecution this year.

One case has been dropped from the Mothers' Aid and two more are now so well established that they can get along without the aid this coming year.

The following is the statistical report for the year:

Schools	Absent					Total
	Without Cause	Sickness	Tardiness	Lack of Clothing	Other Causes	
High	2	0	0	0	3	5
Whipple	54	30	7	11	13	117
Farragut	13	17	4	3	1	45
Haven	6	17	9	2	5	43
Lafayette	1	2	0	0	0	3
New Franklin ...	0	12	3	0	0	15
Cabot St.	4	10	0	0	5	19
Atlantic Heights	0	8	0	0	0	8
Woodbury	0	1	0	0	0	1
Plains	0	0	0	0	0	0
Lafayette Road .	0	0	0	0	0	0
St. Patrick's	8	11	5	0	0	24
Total	88	108	28	16	27	280
Found working illegally						16
Number of inspections						383
Number of visits to homes						164
Supplies with shoes						9
Not enrolled, placed in school						3

Respectfully submitted,

R. D. McDONOUGH,

Truant Officer.

IN GENERAL.

A report of this sort does well to mention, at least in passing, related activities of a helpful nature.

The Chamber of Commerce has, during the year, been making a study of some phases of school work covering administration, plant equipment and finance. It has been a pleasure to co-operate with the committee in a work which is entirely helpful and constructive. Their report

which has just been given you represents a large expenditure of time and effort on the part of several of our interested fellow citizens. Their inquiry is comprehensive, their conclusions sound, and their recommendations helpful. Many of the findings of the committee have already been the subject of discussion by your membership in one form or another. I heartily endorse their recommendation that a "complete survey of the schools be made by disinterested recognized authorities in such work so that the community may know how it stands educationally."

The Parent Teacher Associations continue a work which is hard to estimate as a community upbuilding influence. Not only their worth-while achievements that may be visibly valued but also their contributions to school morale through generous, sympathetic understanding are elements which encourage us in our endeavor.

American Education Week was observed December 3-9, the aim being to bring the work of the schools to the attention of the public and to acquaint the public with school needs.

Some of the outstanding features of the week were:

Special school work programs.

High School evening session.

Saturday edition of Portsmouth Herald by High School students.

Parent-teacher meetings in nearly all buildings.

Assembly of parents at Whipple School.

Generous contribution of news and editorial space by the local press.

Store window poster advertising and school exhibitions.

Respectfully submitted,

W. H. SLAYTON,
Superintendent of Schools.

CHANGES IN THE TEACHING FORCE.

Resignations.

High—February, Helen M. Libby, Ruth H. Currier; June, Ethel B. Chapman, Jennie M. Reed, Elizabeth R. Whipple, Marian N. Hudson, Carleton L. Wiggin, Ralph H. Parker.

Whipple—June, Henry L. Livermore, Elizabeth Norris.

Farragut—June, Esther Graham.

Haven—June, Bernice Merrill, Olive Swain.

Lafayette—June, Ethel W. Kenney.

New Franklin—June, Beatrice M. Bilbruck, Mildred Newman.

Atlantic Heights—June, Nina P. Trueman.

Appointments.

High—September, Barbara R. Crosby, Ula M. Baker, Alzie E. Lane, Frances Wiggin, Helen G. Aiken, J. Garfield Reed, Fred T. Jordan, Lionel E. Ball, Newton P. Leonard; October, Lucille P. Leonard.

Whipple—September, Walter I. Piper, Louise Wight, Amelia E. Currier.

Farragut—September, Emily C. Perry.

Lafayette—September, Helen A. McAlister.

New Franklin—September, Vivian M. Wetherbee.

Atlantic Heights—September, Ethel G. Brown, Marjorie W. Herrin.

Admitted to the Training School.

September—Edna Wilson, Dorothy E. Becker, Hilda L. Cole, Florene B. Entwistle, Alice Lonergan, Florence F. Patch, Mabel J. Watkins, Roberta L. Landers, Mary L. Leary.

Transfers (September).

Elva C. Rowe, Farragut to Atlantic Heights.

Mary L. Coakley, Farragut to New Franklin.

Lucia J. Plumer, Haven to Farragut.

Ethel H. Piper, Atlantic Heights to Haven.

LIST OF TEACHERS, JANUARY, 1923.

		Where Educated	Appointed
SUPERINTENDENT OF SCHOOLS.			
William H. Slayton	140 Orchard st	Dartmouth College	1918
HIGH SCHOOL.			
Lee T. Gray, H'dmaster	285 Richards ave	Bowdoin College	1918
Emma J. W. Magraw	383 Union st	Portsmouth High	1873
Florence H. Hewitt	112 Highland st	Wellesley College	1909
Joseph B. G. Welch	129 Willard ave	Dartmouth College	1918
Margaret G. Ballard	25 Lafayette rd	Smith College	1918
Charlotte M. Matthews	112 Highland st	Dover Bus. College	1920
Minna G. Boomer	Dover, N. H.	Wellesley College	1920
Grace W. Hamilton	291 South st	Colby College	1920
Dorothy L. Odell	Greenland, N. H.	Mt. Holyoke College	1920
Charles A. Tolman	121 Aldrich rd	Thomaston, Me. High	1920
Mary B. Papineau	259 Dennett st	Framingham Normal	1920
G. Harold Billingham	239 Cass st	N. H. State College	1921
Marian A. Mansfield	259 Dennett st	Smith College	1921
Mary A. Boyd	Dover, N. H.	N. H. State College	1921
Katharine E. Brady	452 Richards ave	Trinity College	1921
Barbara R. Crosby	1 Islington st	Baypath Institute	1922
Ula M. Baker	375 Middle st	N. H. State College	1922
Alzie E. Lane	837 State st	Bates College	1922
Frances Wiggin	375 Middle st	Nasson Institute	1922
Helen G. Aiken	York Beach, Me	University of Vermont	1922
James G. Reed	332 Hanover st	Concord, N. H. High	1922
Fred T. Jordan	329 Hanover st	University of Maine	1922
Lionel E. Ball	So Berwick, Me.	Tufts	1922
Newton P. Leonard	Newcastle, N. H.	Brown University	1922
Lucille P. Leonard	Newcastle, N. H.	Smith College	1922

WHIPPLE (Junior High) SCHOOL.

Geo. F. Moody, Prin.	97 Preble Way	Fitchburg Normal	1919
Helen Loughton	278 Court st	Portsmouth Training	1899
Alice J. Newton	139 Dennett st	Portsmouth High	1880
A. Ruth Shapley	West Rye, N. H.	Portsmouth Training	1902
Annie E. Lorden	321 State st	Proctor Academy	1919
Sylvia A. Collins	So. Berwick, Me.	Berwick Academy	1920
Margaret F. Stevens	Somersworth	Plymouth Normal	1920
Helen F. Doherty	Dover, N. H.	Portsmouth Training	1920
Hazen M. Ayers	321 State st	N. H. State College	1921
Walter I. Piper	192 Park st	Newton, Mass. High	1922
Louise Wight	36 Highland st	Gorham Normal	1922

FARRAGUT SCHOOL (Training School).

Alice S. Mildram	375 Middle st	Salem Normal	1899
Elizabeth F. Byrne	2 Woodworth ave	Portsmouth Training	1918
E. Madeline Toner	506 Middle st	Fitchburg Normal	1915

LIST OF TEACHERS (continued).

Lucie P. Pray	198 Dennett st	Portsmouth Training	1903
Emily C. Perry	34 Highland st	Wheelock Kind. Tr.	1922

HAVEN SCHOOL.

Mary E. DeGross	282 Middle st	Plymouth Normal	1921
Amelia E. Currier	321 State st	Proctor Academy	1922
Helen Bartlett	55 Elwyn ave	Gorham Normal	1920
Annie L. McDonough	549 State st	Portsmouth Training	1896
Ethel H. Piper	192 Park st	Plymouth Normal	1922
Catherine E. Stone	321 State st	Keene Normal	1921
Martha Farrington	158 Cabot st	Portsmouth Training	1889
Elizabeth G. Cottle	1033 Maplewood av	Portsmouth Training	1920
Agnes M. McCarthy	260 Miller ave	Portsmouth Training	1914
M. Anna Rand	464 Middle st	Miss Woodbury's Schl	1897

LAFAYETTE SCHOOL.

Annie L. Morrison	315 Union st	Portsmouth Training	1889
Helen A. McAlister	87 Ranger st	Gorham Normal	1922
M. Katherine Conlon	245 Wibird st	Portsmouth Training	1914
Lillian E. Witham	Kittery Pt, Me.	Portsmouth Training	1921
Ellen A. Newton	139 Dennett st	Portsmouth High	1875
J. Agnes Connors	735 Islington st	Portsmouth Training	1913
Mary L. Griffin	552 State st	Portsmouth Training	1908
Emma L. Foss	Rye, N. H.	Portsmouth Training	1905
Bertha M. Bennett	499 Middle st	Wheelock Kind. Trn.	1921

NEW FRANKLIN SCHOOL.

Fannie C. Chapman	198 Dennett st	Portsmouth Training	1904
Frances M. Kiley	363 Woodbury av.	Portsmouth Training	1919
Madalene B. Paul	276 Woodbury ave	Portsmouth Training	1919
Mary L. Coakley	186 Cate st	Portsmouth Training	1922
Marguerite G. Jenness	487 State st	Portsmouth Training	1912
Irene F. Johnson	22 Humphrey's st	Portsmouth Training	1915
S. Avis Varrell	170 Cass st	Portsmouth Training	1913
Elizabeth M. Ferrin	34 Columbia st	Portsmouth Training	1902
Vivian M. Wetherbee	34 Highland st	Wheelock Kind. Trn.	1922

CABOT STREET SCHOOL.

Annie E. Knight	Kittery, Me.	Portsmouth Training	1910
A. Pearl Hoitt	3 Richards ave	Portsmouth Training	1919
Elizabeth E. McDonough	549 State st	Portsmouth Training	1892
Bertha A. Colburn	114 Cabot st	Cambridge Kind Trn	1898

ATLANTIC HEIGHTS SCHOOL.

Ethel G. Brown	9 Tanner Ct.	Portsmouth Training	1922
Elva C. Rowe	Ellet, Me.	Portsmouth Training	1920
Helen F. Butler	112 Court st	Portsmouth Training	1919
Marjorie E. Herrin	Dover, N. H.	Dover High	1922

LIST OF TEACHERS (continued).**WOODBURY SCHOOL.**

Elsie M. Hughes	232 Bartlett st	Portsmouth Training	1920
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PLAINS SCHOOL.

Gertrude H. Corey	464 Middle st	Portsmouth Training	1907
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LAFAYETTE ROAD SCHOOL.

Josie R. Rand	Lafayette rd	Portsmouth Training	1902
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SUPERVISOR OF MUSIC.

Ernest P. Bilbruck	895 State st	New York University	1917
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TRAINING SCHOOL.**Assistants.**

Julia F. Butler	112 Court st	Portsmouth Training	1918
Dorothy A. Harison	Newcastle, N. H.	Portsmouth Training	1920
Lucia Plumer	75 Aldrich rd		1922
Veronica E. Miskell	826 State st	Portsmouth Training	1921

Senior Class.

Anna A. Culbertson	Kittery, Maine
Marjorie F. Pray	138 Rockland st
Margaret G. Thomas	Dover, N. H.
Alena F. Wilson	Rye, N. H.
Edna Wilson	232 Wibird st

Junior Class.

Dorothy E. Becker	Newcastle, N. H.
Hilda L. Cole	Eliot, Maine
Florence B. Entwistle	140 Hanover st
Alice Lonergan	287 Dennett st
Florence F. Patch	Kittery Point, Me.
Mabel J. Watkins	160 Wibird st
Mary L. Leary	51 Cottage st

GENERAL STATISTICS FOR SCHOOL YEAR 1921-1922

Number of children between the ages of five and sixteen in the city October 1, 1922, according to census	2567
Boys	1285
Girls	1282
Whole number of different pupils registered during the year ...	2686
Whole number of different pupils registered, not previously registered in any other school, in the state during the school year	2656
Boys	1336
Girls	1320
Number under five years of age	61
Number between five and eight	544
Number between eight and fourteen	1218
Number between fourteen and sixteen	461
Number between sixteen and twenty-one	264
Number over twenty-one	108
Average membership	2324
Average daily attendance	2183
Average daily absence	141
Percentage of daily attendance	94
Number of tardiness	2400
Number of pupils not absent or tardy	176
Number of pupils, non-resident in High School	98
Length of school year in weeks	37
Number of visits of Superintendent	377
Number of visits by members of the Board	38
Number of visits by citizens	2002

ENROLLMENT BY GRADES.**Training School.**

Senior Class	3
Junior Class	5

High School.

Post Graduate	8
Grade XII	104
Grade XI	127
Grade X	165
Grade IX	232

Whipple Junior High.

Grade VIII	219
Grade VII	201

Elementary Schools.

Grade VI	188
Grade V	221
Grade IV	224
Grade III	214
Grade II	240
Grade I	266
Kindergarten	156
Evening School	113

Total Enrollment	2686
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THE SCHOOL YEAR ENDING JUNE 22, 1922.

Schools	Teachers	Grades	Number registered	Average membership	Average attendance	Per cent attendance	Not absent or tardy	Number of tardinesses
High	Lee T. Gray	IX-XII	636	601	577	96	100	284
Whipple	George F. Moody	VII-VIII	419	385	367	95	31	593
Farragut	Alice S. Mildram	Training	8	8	7	97	0	3
	Elizabeth F. Byrne	VI	42	38	37	98	5	39
	Elizabeth F. Byrne	V	44	40	38	95	4	33
	Madeline Toner	IV	54	47	43	93	1	47
	Madeline Toner	III	42	40	38	93	2	29
	Lucie P. Pray	II	58	31	29	95	2	73
	Lucie P. Pray	I	57	52	48	91	2	121
	Esther Graham	Kinder	33	25	22	87	0	28
			338	281	262	93	16	364
Haven	Mary E. DeGross	Principal						
	Helen Bartlett	VI	39	34	32	95	0	25
	Annie L. McDonough	V-VI	35	32	30	93	2	10
	Olive E. Swain	V	35	31	29	94	1	29
	Viola H. Johnson							
	Catherine E. Stone	IV	42	34	32	94	3	32
	Martha Farrington	III	44	39	36	93	0	54
	Elizabeth G. Cottle	II	48	41	38	93	1	59
	Agnes M. McCarthy	I	54	44	40	90	1	31
	M. Anna Rand	Kinder	29	24	21	84	0	12
			326	279	258	92	8	252
Lafayette	Annie L. Morrison	Principal						
	Ethel W. Kenney	VI	42	42	40	95	2	17
	M. Katherine Conlon	V	37	34	33	96	2	34
	Lillian E. Witham	V	37	34	32	94	1	58
	Ellen A. Newton	IV	33	34	32	96	0	57
	J. Agnes Connors	III	34	33	33	95	2	32
	Mary L. Griffin	II	34	30	27	93	1	20
	Emma L. Foss	I	40	40	36	91	1	85
	Bertha M. Bennett	Kinder	27	24	21	86	0	13
			284	271	254	94	9	316

New Franklin	Fannie C. Chapman .. Principal						
	Madalene B. Paul VI	38	39	37	94	2	22
	Beatrice M. Bilbruck .. V	32	31	28	93	1	30
	Marguerite G. Jenness IV	41	34	32	92	0	62
	Irene F. Johnson III	30	27	25	92	0	25
	Avis Varrell II	37	33	31	92	0	37
	Elizabeth M. Ferrin .. I	33	29	25	89	0	52
	Mildred Newman Kinder	24	21	17	83	0	13
		235	214	195	96	3	241
Cabot St.	Annie E. Knight III-IV	37	35	33	93	1	25
	A. Pearl Hoitt II-III	37	33	31	94	3	28
	Elizabeth McDonough I	46	41	37	91	1	25
	Bertha A. Colburn Kinder	26	25	22	87	0	33
		146	134	123	97	5	111
Atlantic Heights	Ethel H. Piper V-VI	20	17	16	91	0	38
	Nina P. Trueman III-IV	41	31	29	95	2	14
	Helen F. Butler III-IV	36	31	29	95	2	14
	Carrie N. Langley ... Kinder	17	14	13	92	1	31
		114	93	87	93	4	149
Woodbury Plains	Elsie M. Hughes I-V	25	18	16	90	0	57
	Gertrude H. Corey .. I-III	31	32	30	95	0	8
Lafayette Rd	Josie R. Rand I-VII	19	16	14	92	0	20
		2573	2324	2183	94	176	2400

MONTHLY REPORTS FOR 1922, INCLUDING HIGH SCHOOL.

Date	Whole number enrolled	Average daily attendance	Average daily absence	Average membership	Per cent of attendance	Number of tardinesses	Number of dismissals	Number of pupils not absent nor tardy
January 13	2368	2207.47	162.88	2370.35	93.13	334	83	1076
February 10	2363	2168.41	191.88	2360.29	91.87	252	68	1059
March 17	2362	2193.74	165.88	2359.62	92.55	307	115	1072
April 14	2358	2207.17	156.37	2363.54	93.38	232	141	1078
May 19	2333	2203.71	144.45	2347.16	93.85	283	111	1076
June 22	2293	2174.06	127.57	2301.63	94.46	284	138	909
October 6	2387	2311.29	70.21	2381.50	97.05	181	68	1542
November 3	2393	2321.05	77.17	2398.22	96.52	194	90	1637
November 29	2390	2302.59	95.30	2397.89	96.03	231	79	1464

PROMOTION, RETARDATION AND LOSS.

	Grades								Total
	I	II	III	IV	V	VI	VII	VIII	
Pupils promoted to next grade during, or at the end of the school year	198	204	182	175	192	169	177	185	1482
Pupils in grade at end of year not promoted	36	15	18	13	10	8	3	14	117
Pupils in grade at end of year who have been there two years	3	0	0	0	0	0	0	0	3
Pupils in grade at end of year who have been there more than two years	0	0	0	0	0	0	0	0	0
Pupils in grade I and II over ten years of age	5	5	..	..	..	..	..	..	10
Pupils who have left school, and whose school life was presumably ended during year	0	0	0	2	0	2	4	9	17
Other pupils who did not return to school after summer vacation, and whose school life was presumably ended	0	1	0	0	0	0	2	9	12
Average of September ages of all pupils in grade during year	6-5	7-3	8-11	9-11	10-7	11-10	12-3	13-3	

The following table shows the September census, total enrolment, average membership and average attendance of the schools as given in the annual reports published from 1900 to 1922 and also the same data for the fall term of the present year.

School Year	School Census	Total Enrollment	Average Membership	Average Attendance
1899-1900	1,791	1,647	1,445	1,295
1900-1901	1,695	1,706	1,479	1,322
1901-1902	1,770	1,785	1,540	1,371
1902-1903	1,938	1,888	1,654	1,470
1903-1904	1,927	1,853	1,672	1,515
1904-1905	1,910	1,833	1,640	1,502
1905-1906	1,874	1,826	1,662	1,492
1906-1907	1,982	1,703	1,541	1,397
1907-1908	2,026	1,738	1,585	1,448
1908-1909	2,057	1,741	1,597	1,431
1909-1910	2,048	1,788	1,588	1,447
1910-1911	2,150	1,780	1,608	1,476
1911-1912	2,202	1,898	1,725	1,589
1912-1913	2,283	1,949	1,798	1,689
1913-1914	2,339	2,075	1,879	1,756
1914-1915	2,385	2,190	2,016	1,898
1915-1916	2,473	2,262	2,084	1,934
1916-1917	2,528	2,327	2,163	1,976
1917-1918	2,743	2,360	2,173	2,000
1918-1919	2,766	2,694	2,190	2,023
1919-1920	2,757	2,818	2,286	2,095
1920-1921	2,651	2,642	2,387	2,229
1921-1922	2,567	2,686	2,324	2,183
Fall 1922	2,567	2,390	2,303	2,312

The last three columns refer to public school membership only.

VALUE OF SCHOOL BUILDINGS AND EQUIPMENT.

School	Location	Value	Size of Lot
High school, Islington street	\$100,000.00	45,580 square ft
Whipple school, State street	28,000.00	28,320 "
Farragut school, High street	27,000.00	17,500 "
Haven school, South School street	15,000.00	31,880 "
Lafayette school, Lafayette road	25,000.00	*40,000 "
New Franklin school, Dennett street	...	50,000.00	Unsurveyed
Cabot Street school, Cabot street	6,000.00	8,010 "
Woodbury school, Gravelly Ridge	400.00	21,344 "
Plains school, Plains	400.00	Unsurveyed
Lafayette Road school, Lafayette road		400.00	5,438 square ft

Total value of Real Estate \$256,200.00. Assessed value of Equipment \$7,476.00.

One room in Ward Room No. 4, Marcy street, is used for school purposes.

*Including the Ward Playground, 90,000 square feet.

JANITORS.

High School.

Arthur W. Blaisdell.....48 Langdon Street

Whipple School.

Frank Williams454 Lincoln Avenue

Farragut School.

Fred C. Horner.....250 Hanover Street

Haven.

John T. Dow83 Marcy Street

Lafayette School.

Fred F. Parsons.....113 Sagamore Avenue

New Franklin School

Allyne G. Yeaton.....81 Dennett Street

Cabot Street School.

John D. Bryant.....200 Union Street

Atlantic Heights School.

Morris J. Quinn53 Crescent Way

Woodbury School.

John L. McKenzieDurgin Lane

Plains School.

David B. SkedgellLeavitt Avenue

Lafayette Road School.

Lafayette Road

