

MUNICIPAL ACTIVITIES



BANGOR, MAINE

1933

MUNICIPAL ACTIVITIES

CITY OF BANGOR MAINE



For Year Ending December 31, 1933

FOREWORD

To the Citizens of Bangor:

December 31, 1933 not only marked the end of the second year of the Council-Manager Form of Government in Bangor, under the new charter adopted by the people in September, 1931, but also the end of what has proven to be one of the most difficult in the history of the City.

The year 1933 was a trying year, a year when depression and employment were at their lowest ebb, a year of great bank failures, but yet with all it was a year in which Bangor advanced definitely. It was a year in which this City faced the same problems of falling revenues and decreased business activities that have harassed all municipalities, but all in all, Bangor came through 1933 with an exceptionally good record as compared to most other cities.

In the following pages will be found brief summaries of the activities of the City during 1933, whereas in other pages will be found reviews of the city's finances.

A good word should be spoken in acknowledgement of the faithful services rendered by all of the employees of the City and also for the splendid cooperation received from the City Council during the year 1933—the second year of the Council-Manager Form of Government in Bangor.

Cordially,

JAMES G. WALLACE,
City Manager.

CHARLES D. CROSBY,
Chairman City Council, 1933.

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MUNICIPAL DIRECTORY

CITY COUNCIL

CHARLES D. CROSBY, Chairman

GEORGE E. CRAFTS

FRANCIS A. FRAWLEY

Terms Expire Jan. 1935

WILLIAM K. HALLETT

FRANK O. YOUNGS

WILLIAM J. LARGAY

HORACE W. CHAPMAN

GEORGE F. EATON

JOHN T. KELLEHER

Terms Expire Jan. 1934

Terms Expire Jan. 1936

SCHOOL COMMITTEE

Calvin M. Clark, Chairman

Charles P. Conners Ada M. Gleszer

Forest B. Ames E. Earl Brown

Supt. of Schools, Irvin W. Small

CIVIL SERVICE BOARD

Dr. Merritt Emerson, Harry Homans

Walter M. Hunt

BOARD OF MOTHERS' AID

Mrs. Ethel L. Nickerson

Mrs. Ethel F. Flagg, Mary L. Turpin

WATER BOARD

Charles D. Crosby, Chairman, ex.

Frank P. Denaco

Frank A. Thatcher

Joseph E. Friend

John H. Magee

Dr. Bertram L. Bryant

William W. Palmer

Clerk and Collector, Walter I. Brown

Chief Engineer, M. W. Burke

Superintendent, Albert W. Read

Supt. of Distribution, Thomas V. Campbell

Inspectors, Alvah W. Blaisdell,

Phillip A. Smith

Consulting Chemist, Prof. James Caird

Resident Chemist, A. C. Powell

BANGOR BRIDGE DISTRICT

Terence B. Towle, Chairman

Garrett D. Speirs

Walter S. Allen

John Wilson

Eugene T. Savage*

*Deceased.

STANDING COMMITTEES

Finance, including Accounts, Claims and Taxation:

Charles D. Crosby

George F. Eaton

Frank O. Youngs

Public Works, including Streets, Parks, Electric and City Property:

George E. Crafts

William J. Largay

Horace W. Chapman

Public Safety, including Police, Fire, Health, Welfare, Charities and Licenses:

William K. Hallett

Francis A. Frawley

John T. Kelleher

Engrossed Bills and Ordinances:

George F. Eaton

George E. Crafts

William J. Largay

Trustees of Sophia Kirstein Student Loan Fund:

Robert N. Haskell

Abram M. Rudman

Stuart B. Copeland

Wilfred A. Finnegan

I. W. Small, ex-officio

Trustees of the Hersey Fund:

Charles D. Crosby, ex-officio

C. E. Millett, ex-officio

Rev. Warren J. Moulton

William F. Curran

Donald S. Higgins

Trustees of Bass Park Fund:

Charles D. Crosby, ex-officio

James G. Wallace, ex-officio

Joseph D. Garland

John T. Quinn

Dr. James F. Cox

ADMINISTRATIVE PERSONNEL

City Manager, JAMES G. WALLACE

City Auditor, Sidney G. Robinson
City Clerk, Archie R. Lovette
City Electrician, Murray D. Gallupe
City Missionary, Jennie Johnson
City Physician, Dr. Walter R. Gumprecht
City Solicitor, William S. Cole
City Treasurer and Collector of Taxes, Charles E. Millett
Building Inspector, James W. Walsh
Chief of Fire Department, William S. Mason
Chief of Police, Thomas I. Crowley
Harbor Master, Edwin Lord
Health Officer, Dr. Harry D. McNeil
Meat Inspector, Dr. Allan J. Neal
Milk Inspector, Dr. Harry D. McNeil
Plumbing Inspector, A. H. Davenport
Purchasing Agent, Harry E. Torrens
School Agent and Attendance Officer, Harry R. Williams
Sealer of Weights and Measures, Fred C. Barnes
Supt. of Almshouse, Mrs. Agnes Klatte
Supt. of Clocks, Sidney E. Noyes

Board of Registration

Mary C. Reid, Chairman
Henry B. Thoms

P. J. McNamara

Board of Assessors

Hiram S. Haskell

Harry E. Torrens Elmer E. Hodgkins

Public Works

Phillip H. Glover, City Engineer
Daniel L. McClay, Chief Clerk

Overseers of the Poor

Entire Council

Mary L. Turpin, Secretary, Board of Overseers

CITY GOVERNMENT

Ward and Election Officers, 1933

Ward 1	C. C. Stevens (Official Counter)
Timothy J. McCarthy (Warden)	P. J. Byrnes " "
Meyer Miller (Ward Clerk)	Mrs. Fred Marsh " "
Thomas McGrath (Official Counter)	Harold O. Baker " "
Edward Hickson " "	Ward 5
Rose Pertes " "	John H. Pritchard (Warden)
Francis McNamara " "	Carrie M. Bean (Ward Clerk)
Ward 2	P. J. McNamara (Official Counter)
John R. Ahern (Warden)	Edward Curran " "
Agnes M. Sargent (Ward Clerk)	Mrs. Florence Porter " "
Daniel Sargent (Official Counter)	Helen F. Sheehan " "
Lottie Cobb " "	Ward 6
Mary C. Reid " "	Olin L. Clement (Warden)
Guy Albee " "	Louise C. Blanchard (Ward Clerk)
Ward 3	Lewis Fleming (Official Counter)
Clarence B. L. Kimball (Warden)	James H. Constantine " "
Elmer O. Whitten (Ward Clerk)	Mrs. Carolyn Webb " "
Leslie Bradbury (Official Counter)	Mrs. Maude Vandine " "
Glynn Fury " "	Ward 7
Charles Hanson " "	Edmund E. Curran (Warden)
Mary O. Leary " "	James E. Finnigan (Ward Clerk)
Ward 4	James Gallagher (Official Counter)
Joseph T. Holbrook (Warden)	Harold Casey " "
Byron C. Hodgkins (Ward Clerk)	Harold R. Epstein " "
	J. Fred Sheehan " "

Superintendents of Burials

Harold Burrill—Mt. Hope	E. H. Lewis—Oak Grove
Wm. H. McCart—Mt. Pleasant	Walter B. Allen—Pine Grove
Arthur Wentworth—Maple Grove	

Constables—Thomas I. Crowley, Walter R. Holmes, Ambrose L. Phillips, Frank J. Golden, John Hayes, John W. Mahoney, William J. Nagle, William H. Gehigan, Earl Heal, Frank J. Rogan, Harold L. Hooper, George A. Sprague, John R. Smith, H. E. Porter, William E. Dyer, Max W. Dorsky, Meyer Miller, Edwin M. Crowell, Walter E. Strout, Robert M. Forbes, Daniel F. Kennedy, Fred H. Bean, Edward J. Conley.

Measurers of Wood and Bark—Fred B. Tuck, Albert Weston, W. B. Crossman, E. H. Toole, A. J. Robinson.

Public Weighers and Gaugers—Fred B. Tuck, George M. Drew, Edward H. Toole, H. B. Finley, J. F. Hanson, W. J. Sweeney, W. F. Brackett, A. U. Daigle, C. T. Angel, R. A. Ellis, F. H. Toole, Peter A. Currier, C. W. Collamore, V. E. Campbell, H. J. Boudreau, Daniel Robinson, F. M. Burke, B. B. Scott, E. F. Doran, Frank Perry, V. E. Nowell

Surveyors of Lumber—Paul E. Atwood, Fred B. Tuck.

Fence Viewers—Ira P. Watson, James Kelleher, Nathan Saunders, W. H. Nickerson, Frank H. Prilay, John P. McGrath, S. N. Cohen, Henry W. Daggett.

1933 HIGHLIGHTS

FINANCIAL CONDITIONS—During the past year Bangor discounted all its bills, a real achievement when the financial conditions surrounding the majority of cities are considered.

Bangor has kept its outstanding uncollectable taxes down to a minimum in comparison to other cities.

Bangor operated in 1933, with all its city operations on a sound, economical basis.

Bangor's Bonds during the past two years of depression have always been in demand at top price.

During the year Bangor paid all its employees in cash, not script, town orders or credit, and did it at a time when so many other cities and towns paid their employees with credit slips, or not at all.

TEMPORARY LOAN—Due to the fine record that the City of Bangor made in 1932, the City obtained its \$700,000 temporary loan at the lowest rate of interest in the history of the city, namely, 1.33.

EXPENDITURES, 1930, 1931, 1932 and 1933—Total expenditures for these years including State and County Taxes for each year, are shown below. It will be noted that 1933 shows a decrease of \$305,097 over 1931:

	1930	1931	1932	1933
City Expenditures	\$1,404,594	\$1,477,924	\$1,325,429	\$1,174,401
County Tax	53,765	54,026	54,026	54,316
State Tax	226,612	212,543	227,719	210,659
	\$1,684,971	\$1,744,493	\$1,607,174	\$1,439,376

SAVINGS IN 1933 AS COMPARED WITH APPROPRIATION—The City operated for \$30,034.65 less than the appropriation allotted for that year.

PUBLIC WORKS—The Public Works Total Expenditure in 1933 was \$147,270, or approximately one-half of that in 1930, (\$288,487).

NOROMBEGA PARKWAY COMPLETED—The unsightly ruins where once stood the historic and famous "Norombega Hall," was purchased after the 1911 fire by a group of citizens and donated to the City of Bangor—who accepted this gift and apparently forgot about it for twenty years. However, in the first months of 1932, through the generosity of the late Luther H. Pierce, after twenty years of wishing and waiting, work was started in earnest upon converting this disgrace into a beauty spot. The finishing of this parkway "adds a million dollars worth to the good looks of Bangor."

PERMANENT STREETS—Three jobs completed, namely, Exchange Street, from Hancock to State; Harlow from Franklin to Spring; and one side of Broadway from York to State, connecting concrete roadways previ-

ously built. These streets were all in a deplorable condition, and all being State highways, the State shared in the cost.

BRIDGES—Washington Street, State Street and Franklin Street Bridges taken over by the State, thereby relieving the City of further repairs upon the same.

SIDEWALKS—Five and three-fourths miles of old, broken sidewalks, rebuilt. Also two additional miles of gravel sidewalks built.

COUNTRY ROADS STONED AND GRAVELLED—Eight miles of out-lying roads thoroughly stoned, thereby making them passable in the spring.

ROADS REGRADED—Boutelle Road, Hancock Street, Webster Avenue, were reggraded, resurfaced and tarred.

CATCH BASINS—All catch basins cleaned for the first time in a great many years.

FIRE DEPARTMENT—Official personnel thoroughly re-organized. Two light low cost trucks bought, fitted to act as hose wagons, with one equipped with a booster pump—replacing old machines, worn out and undependable. This equipment if purchased today, would cost undoubtedly considerably more than the \$2500 paid for the same.

POLICE DEPARTMENT—Morale and effectiveness of this department greatly improved. The police patrol wagon, after about ten years of service, became most unreliable and dangerous to operate; therefore, the Council in 1933 deemed it imperative that it be replaced. Accordingly, a modern ambulance patrol wagon was purchased, which would convey injured persons swiftly and comfortably to the hospital or to their homes, and at a greatly reduced price as to what it would cost today.

CHARITY—The work of the Welfare Department has more than doubled in the past few years, and without the thorough re-organization of the last two years it would inevitably have broken down instead of functioning as it did with the best efficiency in 1933. The Welfare Department of Bangor is rated as one of the best in the State of Maine.

5,167 grocery orders and 1,701 loads of wood were delivered. 10,455 people interviewed at office. Community garden plots also were issued to poor families.

CITY POOR HOUSE—In 1932, 103,720 meals were served—in 1933 this increased to 116,532.

WATER DEPARTMENT—A twenty inch water main laid on upper Essex Street, to supply a new standpipe.

TAX BILLS—The tax bills were again sent out in May, three months earlier than ever before (except in 1932) with a two per cent discount if paid on or before June 10th, thereby encouraging forty per cent of the taxes to be paid before June 10th.

TAX COLLECTIONS—Tax collections, December 31, 1933=88 2/10% of 1933's taxes collected.

ESTIMATED REVENUE—Revenue received by the city from other sources than taxes:

1930		\$467,508
1931		462,436
1932		359,492
1933		303,124*

STATE AND COUNTY VALUATION DECREASED—A decrease of \$1,305,570 was secured in the State and County Assessed Valuation of Bangor.

ASSESSED VALUATION OF CITY—The Assessed Valuation of the City was \$1,041,000 less in 1933 than in 1932.

TARRING OF STREETS—For the first time in their history the streets of Bangor were tarred prior to July 1st, six weeks earlier than ever before and at a cost of forty per cent less per square yard than what it cost in prior years.

UNEMPLOYMENT—In January, 1933, 150 men were placed at work under the Highway Department's supervision on unemployment projects. Another 100 men were started by the Water Department upon its Essex Street water main, also as an unemployment project. The unemployment project under the Highway Division's supervision furnished approximately 10,800 days of labor to the unemployed; whereas the Water Department's unemployment project furnished approximately another 7000 days labor.

Under the above the old city stable building was torn down and remodeled; also the city garage buildings were painted; Morse's, Dudley, Maxfield, Bull's Eye Bridges repaired and replanked; Stillwater Avenue Bridge rebuilt of concrete; several sewers were rebuilt or extended; many catch basins were reconstructed or built; part of Summit Park was graded as well as the lawn in front of the Auditorium; several miles of country roads were gravelled, graded and drained; two miles of gravel sidewalks built; and many other worthwhile projects.

C. W. A.—Starting in November the National C. W. A. campaign got underway in Bangor. Work was started upon the finishing of the big Arctic Brook Sewer; also an extension upon the large Meadow Brook Sewer; several street sewers; the building of a sidewalk along State Street from Otis Street to Mount Hope, which was badly needed on account of the danger incurred by pedestrians; the building of six miles of other gravel sidewalks; the grading of Kenduskeag Avenue hill; the construction of a large Municipal Athletic Field; another beauty spot, the Water Works Park; inspection and trimming of the city trees; also a Women's Project to aid unemployed women; and a little later work was started upon gravelling the Bangor Airport. None of these projects were finished until late in 1934. The total number placed at work under C. W. A.—approximately 800.

WATER BONDS DUE JULY, 1935—To pay this \$500,000 Bond Issue there is laid by in the Water Department as of January 1, 1934, a Sinking Fund of \$463,794 and in the City's 2% Sinking Fund (including the 1934 appropriation) a fund of over \$90,000, making at least a total of over \$550,000 which should be available in 1935 to pay off this Bond Issue.

RECOMMENDATIONS—1934

1. The elimination of so-called "Benny's Bend," a dangerous traffic hazard at the new Washington Street Bridge.
2. The installation of a police radio and two additional scout cars to patrol the city, thereby enabling the Police Department to handle crime quicker.
3. The proposition of an appraisal of the city to equalize land and building valuations.
4. An enabling Act in the Maine Legislature to allow municipalities to assess and collect taxes on a quarterly or monthly basis, thereby working less hardships on taxpayers.
5. Mechanical accounting in the Treasury and Auditing Departments.

BOARD OF ASSESSORS

Total Appropriation	\$7,450.00
Total Expenditures	7,374.78

Balance Unexpended	\$75.22
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Number of Transfers of Real Estate during year 1933, 438.

Number of Parcels of Real and Personal Estate inspected by Assessors in 1933, approximately 1,000.

Tax Books committed to Tax Collector, May 24, 1933.

Amount to be raised by Taxation:

For State Tax	\$210,659.77
County Tax	54,316.67
City Tax	901,312.00
Overlayings	24,597.05
	\$1,190,885.49

Assessed as follows:

Resident Real Estate Valuation.....	\$20,303,548.00
Non-Resident Real Estate Valuation.....	2,256,889.00

Total Res. and Non-Res. Real Est. Val.	\$22,560,437.00
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Resident Personal Estate Valuation.....	\$4,850,780.00
Non-Res. Personal Estate Valuation.....	545,500.00

Total Res. and Non-Res. Personal Val.	5,396,280.00
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Total Real Est. and Personal Valuation	\$27,956,717.00
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Total Real Estate and Personal Tax @ 4.18 Rate	1,168,592.49
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Poll Tax 7,431 @ \$3.00 each.....	22,293.00
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Total Tax Committed	\$1,190,885.49
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BANGOR BRIDGE DISTRICT

(Washington Street Bridge)

RECEIPTS (December 6, 1929-December, 1933)

Notes Payable (E. M. G. Hospital).....	\$35,000.00
City of Bangor 1930-1-2 (\$6,000.00).....	18,000.00
Bangor Gas Light Co. (Gas Main Rental).....	25.00
Interest on Deposits	248.95
	\$53,273.95

DISBURSEMENTS (December 6, 1929-December, 1933)

State of Maine—Highway Dept., Acc. Bridge.....	\$32,479.50
Interest during Construction	5,794.03
Miscellaneous Expenses	109.62
	\$38,383.15
Balance on Deposit	14,890.80
	\$53,273.95

LIABILITIES

Balance due State of Maine.....	\$14,217.18
Notes Payable	35,000.00

BOARD OF TRUSTEES

Terence B. Towle, Chairman
 Garrett D. Speirs, Treasurer
 Hon. John Wilson
 Col. Eugene T. Savage*
 Walter S. Allen
 William Hilton

*Deceased, 1933—Successor, William Hilton

BUILDING INSPECTOR'S DEPARTMENT

Total Appropriation	\$262.50
Total Expenditures	262.50

During the year the following permits for buildings have been issued:

	Number	Estimated Cost
Dwellings	22	\$41,950.00
Private Garages	36	6,980.00
Filling Stations	7	5,400.00
Sheds and Barns	5	1,025.00
Warehouse	1	4,500.00
Shops and Stores	5	2,650.00
Additions and Alterations	28	18,975.00
	104	\$81,390.00

CITY OWNED CEMETERIES

Burials	Mt. Hope	Pine Grove	Oak Grove	Maple Grove
Brought to Bangor.....	81	9	1	0
Died in Bangor.....	177	25	14	9
Total.....	258	34	15	9 = 316

CHARITY DEPARTMENT

1. **Appropriation—All Charities and Welfare**.....\$116,260.00
Amount Expended 118,736.11

2.

Item.	Relief to:			
	City Families	Ex- Service	Families in O. C. & T.	Almshouse
Food Supplies.....	\$19,773.88	\$2,437.72	\$2,552.37	\$7,193.35
Clothing, Etc.....	1,224.04	215.49	69.69	506.01
Fuel.....	4,435.91	556.00	211.50	2,104.90
Medical.....	2,980.86	214.97	433.52	42.75
Board.....	2,492.58	105.78	947.43	
Outside Shelter.....	5,289.51	765.78	245.56	
Burials.....	2,322.50	30.00	186.50	
Transportation.....	67.64	22.49	38.19	
Transn. Furniture.....	85.00		8.00	
Equip. and Repairs.....	655.96			
Work Relief.....	16.00			
Investigation.....	144.00			
Garden Project.....	115.35			
Miscellaneous.....	80.90	(Ptd. Supplies, Legal Paper, Public Stenographer)		
Maintenance and Rep.....				4,897.16
Household Uten.....				838.24
Farm Expenses.....				180.37
Salaries and Wages.....				6,503.62
Total.....	\$39,684.13	\$4,348.23	\$4,692.76	\$22,266.40

3. **Other Expenses.**

Salaries and Wages—Expenses.....	\$3,586.61
City Missionary	900.00
City Physician	500.00
Board and Care State Children.....	4,502.22
Mothers' Aid	4,906.00
State Sanatorium Aid.....	568.83
State Pensions	1,164.00
District Nursing Assn.	500.00
Emergency—Bangor Sanatorium	3,000.00
Odd Jobs—(Unemployed)	1,043.46
Special Medical Attendance.....	540.00
Unemployment	26,533.47

At the end of another year of depression, Bangor has cause for self-congratulation. It has not had to ask for one dollar of Federal aid for the families on its relief rolls. Many cities in Maine have had to have Federal aid. Notwithstanding this, Maine is almost at the bottom of the list of States having Federal aid for their needy. Eleven per cent of the Nation's population was on the relief rolls in 1933, 9 9/14% of Bangor's.

At the beginning of January, 1933, there were 157 families on Bangor's relief rolls. The first three months of the year the load was heavy. March had the largest expenditure, and that month there were 641 grocery orders for 237 families. There was a gradual decrease in April, May and June, with the smallest number in July, a gradual rise after that, and the peak was reached in November with 555 grocery orders for 277 families. The Nation's relief roll reached its peak in March.

The Civil Works Administration had gotten under way and commenced operations by the end of November and 164 men, representing the heads of families on the relief rolls, were put to work in Bangor. The immediate result of this was that about 800 persons, the number represented by these households, no longer needed city relief. An allotment of government supplies also helped in this reduction. The net result of all this was that the year closed with 118 families or 538 persons on the relief rolls.

In December it also became possible to have the services of two Home Economists who were on the C. W. S. appropriation. They were available to mothers and housekeepers for advice, suggestions, and instruction.

Early in May, 1933, the Bangor Public Welfare Department was an application center for men and boys desiring jobs in the Civilian Conservation Camps. More than 100 men were interviewed and their cases investigated. Sixty-eight applications were mailed to Augusta. After the government routine in Augusta was gone through, the Welfare Department was notified to have Bangor's quota of 35 Class A men (under 25) ready and at the Recruiting Office for departure at 11 o'clock of a certain day. With this half day's notice, all the men were notified, reported promptly and accepted. Later the 18 Class B men (over 25) were notified and reported, and, with very few exceptions, were enrolled. Later the eastern Maine enrollment of the C. C. C. applicants was handled in the office but by the personnel of the State Department. Twelve or fifteen of these men represented families who were getting help from the Public Welfare Department. In this way also the city was saved money.

In the spring a Community Garden project was undertaken. The ground for fifty-odd gardens was furnished and prepared. Also fertilizers and seed purchased. The American Red Cross furnished tools. More than half of the gardeners who availed themselves of this opportunity were on the relief rolls. The average of well-worked and well-cared for gardens was good. The production of these home grown vegetables was quite worth while financially and otherwise.

The distribution of Federal supplies added to the burden of the Department staff, but this distribution was handled in conjunction with six private relief organizations in the city, and the work was made easier by the cheerful cooperation of these six organizations.

Giving relief wisely is not easy. Attempting to help solve problems of the sick, suffering and needy is difficult. But the appreciation of many of those who receive help and their loyalty is greatly worth the difficulties encountered.

At all times during the year the Department has worked in harmony with the Municipal Court, the State Welfare Department and the Police Department as well as with other private agencies and all the City Departments.

Number families given relief	545
Approximate number of persons represented by families.....	2,725
Applicants in office	10,455
Consultants in office	759
Telephone calls	1,851
Visits in homes	945
Grocery orders issued	5,167
Wood orders issued	1,701

CITY FARM

No unusual event has marked the history of the City Farm for 1933. The dormitory has been crowded to capacity. In spite of frequent deaths among the older inmates, there have been admissions to more than fill the vacancies, 145 being admitted during the year, with the average number of inmates being 95. The number of meals served was 116,532.

The hospital ward, or annex to the City Farm, is a saving to the city, and many times a place of refuge for the needy who are sick and cannot be properly cared for in crowded homes. The patients are under the constant care of a trained nurse with a night nurse who has had hospital training, and these nurses under the constant supervision of the city physician. The hospital has a maximum capacity of 30 beds. The daily average number of patients has been 20. During the year an up to date sterilizer has been purchased and installed, adding greatly to efficiency and safety in the care of the patients.

THE CITY CLERK

1933

Total Annual Appropriation	\$4,000.00
Total Expenditures	3,996.19

Cash Receipts for the year	\$10,196.05
Amount sent direct to the Commissioner of Inland Fisheries and Game	3,550.50

Amount of cash paid Treasurer of City	\$6,455.55
Less amount due State for Dog Licenses	2,127.00

Cash income for the year	\$4,518.55
Transfers to credit of the office	397.50

Total income for the year	\$4,916.05
Total appropriation for 1933	\$4,000.00
Amount unexpended	3.81

Total expenses for the year 1933	\$3,996.19
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Net income over all expenses	\$919.81
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During the year the office issued the following number of dog licenses:

Males	1,612
Females	65
Kennels	17
Double Kennels	1

Total	1,695
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The office issued the following number of resident fishing and hunting licenses for the year 1933:

Fishing	3,148
Hunting	2,358
Combinations	810

Total	6,316
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Number of Births, Marriages and Deaths reported to the State:

Births	607
Marriages	345
Deaths	638

Total	1,590
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Licenses granted on order of City Council as follows:

Innholders and Victualers	164
Junk and Second Hand Dealers.....	39
Taxi-Cabs	45
Taxi-Cab Drivers	39
To sell Gasolene	72
Trucking	63
Side Walk Pumps	34
Circus	1
Roller Skating	1
Auctioneers	6
Peddlers	6
Billiards and Pool	9
Employment Agencies	3
Fireworks	25

The net income of the office for the year, \$919.81 as compared with that of 1932 of \$410.94 shows a substantial increase of \$508.87.

CITY MISSIONARY

Total Appropriation	\$900.00
Total Expenditures	900.00

Receipts from Other Sources

Interest on the Fogg Fund	\$ 50.00
Interest on the Hiram Oliver Fund	100.00
Interest on the Sabine Fund	32.93
Interest on the Stetson Fund	600.00
Gifts	129.38
	\$912.31

Expenditures

Clothing	\$146.04
Distribution	33.87
Food	315.14
Fuel	112.00
Medicine and Medical Attendance	10.85
Office Supplies	5.19
Rent	52.50
Telephone	57.53
Transportation	51.19
Incidental	128.00
	\$912.31

ELECTRICAL DEPARTMENT

Total Appropriation	\$33,000.00
Total Expenditures	30,377.01
Saving.....	\$2,622.99

POWER

1,686,700 kilowatt hours of electricity were supplied by the Water Department this year, at a cost of \$5,903.45; and 102,360 kilowatt hours from the Bangor Hydro-Electric Co., at a cost of \$2,047.20, making a total of 1,789,060 kilowatt hours of electricity consumed this year at a cost of \$7,950.65.

FIRE ALARM

Eleven new fire alarm boxes installed and all fire alarm boxes retimed and speeded to one second time, thus necessitating changing the tower bells from the alarm circuit, to a circuit by themselves.

STREET LIGHTS AND LINE DEPARTMENT

Franklin Street Mall wired and ten hollow spun concrete poles installed, the same type of light fixture used on Franklin Street, making Franklin Street and Mall a beauty spot of the City.

A new circuit was run, taking the out-side country lights off from circuit five and six and making a new circuit No. 8. This job entailed running new wires from the Sub-Station, York St., to the Home Hospital on Essex St., via Essex St., to Church Road, Six Mile Falls, Valley Ave., Griffin Road, Ohio St., Davis Road, and Union St., back in Broadway.

The following new lights were installed, one at No. 324 Birch St., two Broadway and State Sts., two Pickering Square, one at the Armory, one State and Brown Sts., a flood light Hammond and Clinton Sts., and a flood light at the Auditorium.

1,609 lights replaced; 1,464 complaints taken care of.

INSPECTION

This branch of the department has issued 259 permits and has made 476 visits on inspection, this year.

FIRE DEPARTMENT

Total Appropriation	\$101,309.00
Total Expenditures	95,818.28
Saving.....	<u>\$5,490.72</u>

ALARMS, FIRES

Automobiles	75
Chimney Fires	288
Cigarettes and Matches.....	54
Defective Boilers	26
Defective Wires	28
Electric Motors	13
False Alarms	16
Fireworks	2
Furnace	25
Gasoline	30
Gasoline Heaters	3
Grass Fires	73
Hot Ashes	9
Incendiary	7
Oil Burners	30
Oily Rags & Paper.....	5
Out of Town	18
Spontaneous Combustion	8
Sprinkler Systems	30
Stoves	35

755

PERSONNEL

1 Chief Engineer
1 Deputy Chief
1 Assistant Chief
5 Captains
5 Lieutenants
1 Master Mechanic
32 Privates
1 Switchboard operator and clerk
—
47
(One private discharged during the year.)

PURCHASES

During the year the City has purchased the following for the Fire Department: 1 new McCann 200 gallon pumper, with 100 gallon booster tank; 1 new McCann plain hose truck; 2000 feet of 2½" double jacket hose; 200 feet of one inch booster hose.

APPARATUS, EQUIPMENT ON HAND—AT ALL THREE STATIONS

- 1 1000-gallon McCann pumper, purchased 1930.
- 1 600-gallon White pumper, purchased 1918.
- 1 200-gallon McCann Diamond T. pumper, purchased 1933.
- 1 McCann plain Hose Truck, Diamond T., purchased 1933.
- 2 McCann Cities Service Ladder Trucks, purchased 1927-1929.
- 1 Mack 85 foot aerial ladder truck, purchased 1931.
- 1 Graham-Paige (chief's car), purchased 1930.
- 1 Studebaker 7 passenger (squad car), purchased 1930.
- 3 Old rebuilt Cadillac hose trucks (poor condition)

- 2 Steam fire engines, both in reserve.
- 1 American-LaFrance 500-gallon pumper, purchased 1928.
- 1 McCann 500-gallon pumper, purchased 1927.
- 1 Rebuilt Cadillac ladder truck, in reserve.

HOSE ON HAND

2½" Double Jacket at all three stations
 10,750 feet of hose in good condition
 3,300 feet of hose in fair condition
 1,100 feet of hose in poor condition

15,150 total feet of hose on hand, Dec. 31st, 1933

During the year of 1933 used at fires, 68 lines, 694 pieces or 34,700 feet of 2½" hose.

IMPROVEMENTS AND BETTERMENTS, ALL THREE STATIONS

Members of the Department have made many improvements in and about the different stations, noticeable amongst these are the lawns at stations No. 5 and No. 6; the painting, inside and outside of the three stations; heating apparatus repaired and old boilers replaced with new ones; new lockers and closets built in the different stations; removal of the old sheds in the rear of Station No. 6; the new signs placed in front of stations No. 5 and No. 6, designating the stations.

LOSSES, FIRE, INSURANCE

The fire loss for the year is small as compared to previous years as regards the value of property involved in fires. The approximate loss per capita is \$2.35.

	1933	1932	1931	1930
Value of buildings.....	\$2,283,786.51			
Value of contents.....	431,760.15			
Total valuation.....	\$2,715,546.66	\$1,200,715.08	\$721,261.32	\$1,400,051.34
Loss on buildings.....	\$36,100.29			
Loss on contents.....	32,082.67			
Total loss.....	\$68,182.96	\$78,359.81		
Ins. on buildings.....	\$2,078,472.10			
Ins. on contents.....	398,596.00			
Total insurance.....	\$2,477,068.10	\$1,041,448.00	\$565,005.42	\$1,077,182.55
Ins. paid on buildings	\$34,632.35			
Ins. paid, contents.....	31,948.80			
Total Ins. paid.....	\$66,581.15	\$78,359.81	\$45,487.65	\$43,174.34
Total value of property involved in fires, 1933.....				\$2,721,546.66
Total loss on property involved in fires, 1933.....				68,182.96
Total value of property saved.....				\$2,653,363.70

ORGANIZATION, PERSONNEL

The year of 1933 has witnessed several changes in the Fire Department, outstanding amongst these changes has been the complete reorganization of the Department during the early months of the year. At this time five captains and five lieutenants were appointed, also one assistant chief, these appointments being the first to be made under the new civil service examinations.

At this period of reorganization, members were transferred from station to station, to form a more evenly balanced department.

Fire Department now being under civil service rules and regulations, all appointments and promotions must come through civil service examinations.

An entirely new policy of drills, lectures and examinations for all members of the department now in effect in the department.

During the month of May an inspection and examination of the Department was held by the National Board of Fire Underwriters.

The past year has seen a closer cooperation between the insurance companies, Fire Department, and the State Insurance Commissioner.

DUTIES, SERVICES, LABORS PERFORMED, OTHER THAN FIRE DUTIES

Periodical inspections are made of the business and residential sections of the city, these inspections being rechecked to see that recommendations and suggestions as to fire hazards are followed out.

Any old buildings which have become a fire menace must now be torn down or repaired. The city has had the Insurance Commissioner condemn several such buildings during the past year.

An educational program of lectures in all the schools of the city is now carried out.

CITY FORESTER

Total Appropriation	\$3,300.00
Total Expenditures	3,164.00

Fourth Street, corrective and dead-limb pruning, of 91 trees—bracing, treating wounds other than cavities and removing six dangerous trees.

Complaints received, 126, 74 corrected, consisting of: dangerous trees, dangerous limbs, low limbs, split trees, thinning, limbs damaging property and trees damaged by collision (autos). Representing one hundred twenty-seven (127) trees.

Trees removed	29
Trees braced, by cable and eye-bolts	9
Trees braced, by thru-bolts	3
Wounds treated, mechanical injuries	3
Various types of pruning, cutting back from property and dangerous limbs, thinning and low limbs	89
50 small elm on outer Hammond Street pruned.	
Planting: Fairmount Park, 23 trees.	
6 trees planted—charged to abutting owner.	

HARBOR MASTER

Total Appropriations	\$400.00
Total Expenditures	400.00

The ice left the river March 12th and closed to navigation December 18, 1933, although the U. S. Coast Guard "Kickapoo" (ice breaker) came up January 1st with an oil boat and went out January 2, 1933.

River open to navigation 282 days.

Between March 12th and December 18th, 518 vessels arrived.

- 249 steamships
- 78 motorships, mostly oil tankers
- 29 barges
- 65 motor schooners
- 90 schooners
- 3 yachts
- 4 U. S. coast guard boats

With a gross tonnage of 499,663 tons.

Merchandise arrived by vessel as follows:

- 27,493 tons anthracite coal
- 16,081 tons bituminous coal
- 115 tons iron pipe
- 963 tons fertilizer
- 2,960 tons salt
- 100 tons oyster shells
- 150,315 gallons molasses
- 14,105 cords pulpwood from foreign ports
- 5,766 cords pulpwood from domestic ports
- 75 cords white birch
- 440,980 bbls. gasoline
- 304,100 bbls. fuel oil
- 101,780 bbls. kerosene

Foreign vessels arrived 18, arrived from foreign ports 18, cleared for foreign ports, 18.

Total receipts of merchandise.....	215,718 tons
Total shipments scrap iron.....	1,100 tons

Several oil tanks were erected this year by the Gulf Oil Co., its boats discharging at the Connor Coal & Wood Co. wharf, Brewer, making the storage capacity of gasoline and oil in this port over nineteen million gallons, received by water, distributing over thirty-five million gallons.

Approximately 11% of the world commercial tonnage is now in tankers while about 19% of the American tonnage is represented by this type of vessel.

HEALTH DEPARTMENT

Total Appropriation	\$12,733.00
Total Expenditures	12,615.40
Balance.....	\$117.60

COMMUNICABLE DISEASES

MISCELLANEOUS

	Res.	Non-Res.		
Chickenpox	131	0	Analysis	511
Diphtheria	3	1	Antitoxin (units)	274,000
Encephalitis		3	Blood Donors (Clinic-Polio- myelitis)	9
Erysipelas	2	0	Commitments, Bangor State Hospital	25
Influenza	186	2	Court Cases	27
Meningitis	4	5	Disinterment, identifying finger prints	1
Measles	19	0	Emergency, accident calls.....	52
Pellagra	0	0	Examinations, summer camps	74
Pneumonia	61	16	Examinations, Pre - School Clinic—Tuberculosis	150
Poliomyelitis	1	2	Health complaints investi- gated	816
Scarlet Fever	8	0	Inoculations for Rabies (in animals)	1001
Septic Sore Throat.....	3	0	Inspections, Beauty Shops.....	20
Tetanus	0	0	Inspections, Dance Halls.....	11
Tuberculosis	14	27	Inspections, Hospitals	24
Typhoid Fever	0	4	Inspections, Rooming Houses	12
Typhoid Fever—Para. 0	0	0	Milk Violations	32
Undulant Fever	1	0	Office Calls for treatment.....	973
Vincent's Angina	3	0	Publicity articles	146
Whooping Cough	11	0	Special cases referred else- where after thorough in- vestigation	3111
			Special cases	84
			Suspicious Rabies (cats and dogs)	8
			Vaccinations	33

TRUSTEES OF THE HERSEY FUND

The Trustees of the Income of the Hersey Fund, namely, Charles D. Crosby, Warren J. Moulton, C. E. Millett, William F. Curran, Donald S. Higgins, received from City Treasurer the sum of \$4000 in quarterly payments, which they in turn paid to the Treasurer of the Board of Managers of the Bangor Public Library, who has included it in his annual report for 1933.

BANGOR PUBLIC LIBRARY

51st Year

BOARD OF MANAGERS

Charles D. Crosby, (Chairman of Council) President
 Warren J. Moulton, (February, '35)
 William F. Curran, (February, '37)
 Donald S. Higgins, (February, '39)
 Charles E. Millett, (City Treasurer)

Trustees
 of
 Hersey Fund

Harry D. Benson, Vice-President
 George F. Eaton
 Franklin E. Bragg
 Horace S. Stewart

Representing
 Bangor Mechanic
 Association

CONDENSED REPORTS OF BANGOR PUBLIC LIBRARY—1933

Financial Statement

The receipts for the year are from the following sources:

City tax levy	\$17,500.00
State grant	200.00
Invested funds	39,450.81
Fines, etc.	2,500.00
Interest on deposits	847.98

Total..... \$60,498.79

Payment for Maintenance

1. Library operating expenses:

Librarians' salaries	\$20,903.20
Books, etc.	22,904.97
Periodicals	1,904.45
Binding	728.91
Maps, prints and music	672.25
Supplies, stationery, printing, etc.	1,366.07
Furniture, equipment, etc.	322.21
Transportation	247.96
Sundries	273.86
Other items	2,094.12

Total..... \$51,418.00

2. Building maintenance expenses:

Janitors' salaries	\$2,627.61
Janitors' supplies	348.01
Building repairs, etc.	336.87
Heating	2,028.45
Light	415.59
Insurance	819.99

Total \$6,576.52

Total maintenance expense *\$57,994.52

HORACE S. STEWART, Treasurer.

*There are small balances in the several incomes from invested funds. The income of most of these funds is assigned to books; in other cases they are being held for emergency expenditure.

Every year for thirteen years, there has been an increased use of the Library's resources by the public. Now again the year 1933, shows the largest use of books in the history of the institution. Since, by general consent, the great increase in the use of libraries during the past two years has been due to unemployment, it is to be expected that the added strain and stress will appear in the Adult departments. In the report for 1932, attention is called to an increase for that year of 21% in circulation from the Adult desk. This year the circulation from that desk has been 265,120, an increase over 1932 of 8 4/10%.

Statistics for the Reference department are not so easily kept but such figures as are recorded show 10,442 references looked up besides help and suggestions given in many other cases. This is an increase over 1932 of 12%.

The Extension department which carries on all work done outside the building—except the Music Branch—in hospitals, schools, institutions, business houses, etc., has circulated 70,431 books, an increase of about 4,000.

The Juvenile department reports a somewhat smaller circulation. If it is necessary to find a reason it would appear that the peak reached in 1932 was beyond normal, for it is certain that never in any year has the Library given more devoted service to this branch.

Circulation at the Music Branch has increased about 800.

The total circulation in all departments for 1933 was 397,015 or 13.8 per capita. (If the population of Orrington and Glenburn, whose people are partially served, is included this figure becomes 13.1). Of this total, 115,084 are the Juvenile circulation of both the Extension and Juvenile departments.

OTHER OUTSTANDING STATISTICS OF 1933

10,997 books were added to the Catalogue.

There are more than 19,000 registered borrowers, of whom 18,000, which is 63% of the total population of the city, are residents of Bangor.

The percentage of non-fiction is again 32.

From the office there were sent out by parcel post 2,061 books to 154 persons representing 103 towns, and to 19 libraries.

There were 74 assignments made for the use of the Lecture Hall of the Library.

TYPES OF NON-FICTION SHOWING THE LARGEST INCREASE OF USE

It is interesting to notice the classes of books that show an increase in use. General Works, including unbound periodicals, increased 12%; Useful Arts, 13%; Fine Arts, including music, 23%; Literature, 14%; Description, 10%; Biography, 6%. It would not be difficult to discover the reason for each increase except perhaps Literature.

THE FIFTIETH ANNIVERSARY

Open house was the order of the day on June 5, 1933—the fiftieth anniversary, with the younger members of the Staff acting as guides to take all visitors who so desired on a complete tour of the building. The

work of each department was graphically portrayed by posters, as well as explained by the department head.

Exhibits, showing the history and growth of the Library, were displayed. Other exhibits included books by Bangor authors, children's books of early publication date, and pictures by local artists displayed by the Bangor Society of Art. The building was decorated with flowers donated by local florists and friends. Refreshments were served in the afternoon. Addresses were made by prominent public people.

(A detailed report is on file at the City Clerk's Office or at the Library).

PLUMBING INSPECTOR

Total Appropriations	\$1,200.00
Total Expenditures	1,200.00
Bath tubs	56
Lavatories	102
Sinks	108
Soda Fountains	8
Toilets	128
Urinals	11
Complaints	187
Inspections made	960
Permits	370
Amount received for permits	\$292.20
Amount received for licenses	28.00
Total.....	\$320.20

POLICE DEPARTMENT

Total Appropriation	\$79,500.00
Total Expenditures	75,821.25
Saving	\$3,678.75

During the year this department has accomplished work as follows:

ARRESTS AND PROSECUTIONS

Nature of Offense	Number of persons arrested	
	Res.	Non-Res.
All automobile offenses	95	115
Assault (different degrees)	49	20
Idle and disorderly	11	34
Intoxication	393	705
Larceny	49	31
Non-support	21	6
Trespassing	4	26
Miscellaneous	107	68
Total number of persons arrested.....	729	1005

MISCELLANEOUS

Suicides	1
Attempted suicides	4
Persons found dead	8
Shelters (persons given lodging).....	983
Doors found open and reported (East Side).....	132
Doors found open and reported (West Side).....	157
Desk and telephone complaints attended to.....	1776
Automobile accidents investigated	497
Accidents investigated (Misc.)	42
Stolen automobiles recovered	47
Lost children found and taken home.....	15
Patrol ambulance calls	31
Bank alarms responded to	1
Officers answering bank alarms.....	2
Patrol answering fire alarms.....	95
Patrol answering false fire alarms.....	9
Officers answering fire alarms.....	199
Patrol conveying persons (hospitals, etc.).....	129
Patrol and squad car trips (Misc.).....	3362
Parking violations recorded	1446

Property lost or stolen (value as reported when lost or stolen).....	\$17,933.75
Property recovered (value as reported when lost or stolen)	16,878.00

There have not been any appointments made to the Police Department since 1931. One sergeant, however, was pensioned off during the summer of 1933. So as to allow police officers more time on the street and upon their regular duties, a skilled stenographer, trained in systematic office work, was employed, starting in the late fall and thereby eliminating the necessity of officers losing time making out reports, hunting for records and looking after files. This office assistant, taking the place of the pensioned officer, has made a saving to the city of over six hundred dollars per year.

During the past year the old patrol wagon, which was worn out, unfitted for use and unsafe to be on the street, was replaced by a new combination ambulance and patrol.

Throughout the year Safety Talks on Highway Safety have been given by police officers in all the schools.

Traffic lanes have been established in the busy down-town streets. Traffic signs and markers have been standardized. Safety islands have been placed in both West Market Square and Pickering Square to assure safety to pedestrians crossing these busy thoroughfares.

Military methods have been instituted in all roll calls. Modern styles in police uniforms have been adopted.

PUBLIC WORKS DEPARTMENT

Total Annual Appropriation	\$150,800.00
Total Annual Expenditures	147,270.32

GENERAL STATISTICS

Area of city, land.....	20,662 acres
Area of city, water.....	400 acres
Total area city.....	21,062 acres
Area of Parks.....	27.38 acres
Population, 1930, 28,749.	
Area of city, 33 square miles.	
First settled, 1769.	

SIDEWALKS

	sq. yds.	miles
Cement concrete.....	36,347	9.03
Bituminous and colas.....	134,307	35.35
Brick	2,165	0.45
Gravel	171,120	52.55
Total.....	343,939	97.38

STREETS

	sq. yds.	miles
Granite cobbles	15,824	0.64
Granite blocks	2,468	.10
Recut granite blocks	5,924	.30
Bituminous macadam	1,212	0.11
Bituminous retread surface	24,257	1.24
Cement concrete.....	314,473	17.62
Wood blocks	17,352	0.78
Gravel tar surface.....	812,755	46.50
Gravel calcium chloride	71,750	6.13
Gravel		47.25
Total.....	1,266,015	120.67

SEWERS

Brick	20.855
Brick and pipe.....	.135
Clay pipe	28.735
Cement pipe	8.423
Stone	.475
Wood	.052
Cast iron pipe	.073
Steel pipe	.013
Total.....	58.761
Number of manholes.....	428
Number of catch basins.....	1414

SURVEYS

Surveys for either road or sidewalk construction were made on Webster Avenue, Hancock Street, Boutelle Road, Exchange Street, Harlow Street, Stetson Square, Cram and Griffin Roads, Center Street, Egery Street, State Street and Lincoln Street.

Surveys for sewer construction were made on Dean, Perkins, Frazier, Birch, Dutton, South Park, and Garland Streets, Bass Park, Mount Pleasant Cemetery, Arctic Brook, Meadow Brook.

STREETS AND HIGHWAYS

Harlow Street from Franklin to Spring, Exchange Street from Hancock to State, and one side of Stetson Square were concreted as State Aid work and thereby connecting previously concreted areas under the State Aid program.

A section of Cram and Griffin Roads was built as a Third Class State Aid Road. Norombega Parkway, completed and planted—the cost coming out of the Norombega Parkway Fund.

5¾ miles of old tar or gravel sidewalks rebuilt with asphalt.

A section of Lower Main Street, where concrete was badly worn, resurfaced with asphalt.

Boutelle Road, Hancock Street and Webster Avenue, regraded and re-built and tarred.

Approximately eight miles of country roads gravelled and thereby making them passable in the spring-time.

6,943 sq. yds. concrete paving, State Aid.

3,000 lineal feet Third Class Road

46.5 miles, streets tarred

6.2 treated with chloride

228 square yards cement sidewalks built.

SEWERS, ETC.

The following sewers were constructed during 1933:

South Park	372'	12" tile
Frazier Street	220'	12" tile
Dean and Perkins Street.....	350'	10" tile
Mount Pleasant Cemetery	220'	18" tile
Birch Street	50'	8" tile
Garland Street	132'	6" tile
Arctic Brook	542'	30" cement

90' of 6" pipe was laid in catch basin connections

2150' of tile pipe was laid in frost holes

1363 catch basins were cleaned

9 new manholes and 14 catch basins were built

98 others were rebuilt or repaired.

PARKS

Norombega Parkway completed. Usual work in connection with the care and maintenance of the parks was performed during the year.

BRIDGES

A new concrete bridge was constructed on Stillwater Avenue to replace the old wooden one which was falling to pieces.

The State Highway Commission constructed the approach on the Bangor end of the Bangor-Brewer Bridge.

Repairs were made on several of the bridges on the outer roads.

C. W. A. WORK UNDER SUPERVISION OF THE PUBLIC WORKS DEPT.

Work started on the Arctic Brook Sewer, the first C. W. A. Project, on November 23rd. Meadow Brook began work December 1st. Various other projects followed as soon as they were approved. They included work on the city trees, various smaller sewers, gravel sidewalks, street drains, Bass Park Athletic Field, Water Works Park, remodeling of Coe School, and development of the Airport—780 people were allotted to these projects, including the women's project.

RECOMMENDATIONS

A determined effort to continue the repairing of sidewalks in Bangor along the lines followed in 1932 and 1933 which in time will give Bangor decent sidewalks to walk upon.

The older sewers are decidedly inadequate and many of these will have to be replaced within the near future.

Within the next few years all the old bridges will have to be replaced.

PURCHASING AGENT

Total Appropriation	\$3,150.00
Total Expenditures	2,100.15
Unexpended Balance	\$49.85

This second year of operation of a Purchasing Department for the City of Bangor has proven beyond question the desirability of centralized purchasing for municipal buying. The savings made the first year have been increased and augmented by further improved methods which experience has developed. Better acquaintance with the using departments and their needs has enabled the Purchasing Agent to judge better the type and grade of materials that could be satisfactorily and economically used and this has resulted in additional large savings.

Approximately twelve thousand purchase orders were issued by this department in 1933, and these covered the buying of several hundred thousand dollars' worth of supplies, material and equipment. It has been estimated by qualified authorities that the savings effected by an efficient centralized purchasing department average over ten per cent, and inasmuch as the total cost of operating this department, including salaries and all expenses, was only thirty-one hundred dollars and fifteen cents (\$3100.15) for 1933, it is obvious that the City is many thousands of dollars gainer each year by having such a department. These savings allowed the various operating departments to perform many additional services for the citizens with the money allowed their departments.

SCHOOL DEPARTMENT

SCHOOL COMMITTEE

Elected	Term Expires
1932 CALVIN M. CLARK, 306 Union St.....	December 31, 1934
1932 CHARLES P. CONNERS, 6 State St.....	December 31, 1934
1933 E. EARLE BROWN, 89 Cumberland St.....	December 31, 1935
1932 ADA GLESZER, 51 Leighton St.....	December 31, 1933
1932 FORREST B. AMES, 11 Graham Ave.....	December 31, 1933

Officers of the Committee

C. M. CLARK, Chairman
I. W. SMALL, Secretary

Superintendent of Schools

I. W. SMALL

Secretary

CHARLOTTE L. MULHERIN

School Agent and Attendance Officer

HARRY R. WILLIAMS

Office of the Superintendent of Schools—Room 106, High School Building.

Office is open from 8:30 o'clock A. M. to 12:00 M. and from 2:00 P. M. to 5:00 P. M.

Office hours of the Superintendent—Monday, Wednesday, Friday, 4:00 to 5:00 P. M. Saturdays, 9:00 to 11:00 A. M.

Office of the School Agent—Room 001 and 106, High School Building.

CALENDAR

Fall Term—Sept. 6 to Dec. 15, 1933—15 weeks.

Winter and Spring Terms—First Unit—Jan. 1, 1934 to Feb. 23, 1934—8 weeks; Second Unit—Mar. 5, 1934 to April 20, 1934—7 weeks; Third Unit—April 30, 1934 to June 22, 1934—8 weeks.

SCHOOL COMMITTEE

As anticipated in the Report of the Committee of a year ago, the chief work of the Committee for the year 1933 has been to keep intact the educational system as already organized and to maintain the school properties in first rate condition, on an appropriation reduced from that of previous years by \$50,000. This has been accomplished chiefly by the generous willingness of the teachers and other employees to contribute to the city one-eighth of their year's salaries, and by the rigorous pruning of all other expenditures by the Superintendent and School Agent. To these the School Committee, as representative of the citizenship, are profoundly grateful. It means that the school constituency of our city are as adequately supplied with educational facilities as in previous years, while many municipalities, in Maine as well as elsewhere, have diminished their teaching force, lopped off well devised and essential departments, reduced equipment, and thus and otherwise increased the teacher's load, to the detriment of the quality of teaching. All this may have been absolutely necessary, but it is none the less to be regretted, because children cannot postpone growth; because the best years for education can never come a second time; because it is now or never, or never so well and effectively; because the half educated or ill educated child is that much handicapped in discharging his civic responsibilities in later life to the highest benefit of his community. Bangor, therefore, owes its school employees and teachers much. These have set the entire citizenship a fine example of public service.

The severe pruning of expenditures has resulted in an overdraft on the amount set apart at the opening of the year for books and for maintenance and repairs, overdrafts having to be made good from other parts of the budget and that with great difficulty. The chief uncertainty which the Committee faces is in the increasingly rapid deterioration of wooden school-houses built long ago, and the wear and tear of textbooks. School buildings must be kept in good repair; pupils must have an adequate supply of first class textbooks as well as teachers.

The Coe building, already in previous years utilized in part for two grade rooms, is still further being prepared to provide adequate and pleasant quarters for the Open Air School, hitherto housed most inadequately over the furnace room of the Hannibal Hamlin School. For financing this work the Committee are under obligations to the Anti-Tuberculosis Association and the Junior Welfare League for generous donations and cooperation, and to them would express their hearty thanks.

The Committee face the year ahead with the determination to keep our school system at its highest possible efficiency.

They regret the loss from their number of Charles P. Connors, Esq., who goes to the City Council, and welcome as his successor for the unexpired term of one year, John T. Quinn, Esq., judge of the municipal court.

CALVIN M. CLARK,
Chairman.

SCHOOL BUDGET

Twelve Months—1933

General Administration:

Salary of Supt., Medical Inspectors, Clerks.....	\$6,700.00	
Office Supplies	300.00	
School Agent	1,487.50	
		\$8,487.50

Teachers' Salaries:

High School, inc. Man. Tr., Dom. Sci. and Sub- stitutes	\$88,735.00	
Common Schools, inc. Man. Tr., Dom. Sci., Open Air School, and Substitutes	156,378.05	
		\$245,113.05

Textbooks and Supplies	5,206.69
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Janitor Service:

High School Janitors and Engineers.....	\$ 7,716.50	
Common Schools, inc. Suburban.....	12,091.50	
		\$19,808.00

Fuel and Light	16,000.00
Maintenance and Repairs	6,000.00
Manual Training	1,000.00
Domestic Science	500.00

Physical Education:

Equipment	\$ 250.00	
Salaries	3,829.76	
		\$4,079.76

Open Air School	1,440.00
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Evening School:

Equipment	\$ 175.00	
Teachers	3,175.00	
		\$3,350.00

Incidentals	7,725.00
Conveyance	1,200.00
Water	2,325.00
R. O. T. C.	65.00
Rents	300.00
School Nurses	2,400.00

 \$325,000.00

ESTIMATED REVENUE FROM STATE AND OTHER SOURCES 1933

City Superintendency	\$1,200.00
Physical Education	1,575.00
State School Fund:	
(a) Teachers	17,600.00
(b) Census	22,932.00
(c) Aggregate Attendance	4,400.00
State Aid Courses:	
Manual Training	2,400.00
Domestic Science	2,400.00
General Evening School	1,631.66
Americanization	300.00
Tuition	10,380.00
Library Fuel	2,700.00
Returns from Evening School Tuition and Sale of Books	312.00
	\$67,830.66

SOPHIA KIRSTEIN STUDENT LOAN FUND

In order that the purpose, management, and administration of this fund may be clearly understood, the following statements are made:

The sum of ten thousand dollars (\$10,000) is to be given to the City of Bangor as a memorial to Sophia Kirstein, the same to be known as the SOPHIA KIRSTEIN STUDENT LOAN FUND. The principal and interest of this fund is to be loaned to worthy boys and girls of the City of Bangor, to help finance their education.

TRUSTEES

The administration and re-investment of this fund is left entirely to the trustees, subject to the suggested rules and regulations submitted herewith. The trustees of this fund, five in number, are to be appointed by the City Government, upon approval of the Mayor. Vacancies are to be filled in the same manner.

One trustee to be appointed for two years.

Two trustees to be appointed for four years.

Two trustees to be appointed for six years.

As these appointments terminate one or two trustees are to be appointed for a period of six years. Trustees are to serve without pay. Upon appointment said trustees will elect from their number one member as a chairman, for a term not to exceed six years. Said trustees to have power to receive funds, or property, in trust, from any source, where such funds, or property are given for the advancement of education or for any city improvement or betterment.

Any boy or girl, who for the past three years has been a resident of Bangor, and who is now a resident of Bangor, may apply to the trustees [for a loan from this fund. Application forms will be provided by the trustees, which applicants for loans must obtain, fill out completely, and return forms to the trustees, who will consider the application and notify the applicant concerning their decision.

SUPERINTENDENT'S DEPARTMENT

Up to the present time the organization of the school system has been maintained as in past years, without the loss of any departments, or the shortening of the school year. This is an excellent testimonial to the citizens and public officials of Bangor, as to their faith and loyalty in, and support of, public education for the boys and girls of our city.

The future welfare of any community can be made secure only through the education of its children who are to be its future citizens, and who will have to assume the responsibilities of governmental affairs and community interests. The program of education must be adequate to meet the needs of this modern age if the children are to receive a square deal. No community can afford to plan its program of education second to any other needs, except it be the sustaining of life and health. In this respect our city has met its obligations well.

From 1926 up to December 31, 1932, the school department received from the city practically the amount of money set up in each school budget, and returned a small balance to the city at the close of each fiscal year. The school department, in conjunction with other city departments, was asked to make a reduction in its proposed budget for the fiscal year 1933. This reduction was made which reduced the proposed school budget \$51,918.53, or practically 13.7 per cent. To assist in meeting this reduction all school employees voted to the city a voluntary contribution of 12½% of their contract salaries. The remainder of the reduction was provided for in other places in the school budget. Through careful organization and planning it has been possible to keep within the reduced budget and report good progress throughout the school system.

The present courses of studying being used in the elementary schools and kindergartens have been in use for the past five years. These courses of study were compiled by the teachers, supervisors, directors and principals of the elementary schools and kindergartens working through organized committees under the direction of the office of the Superintendent of Schools. These courses of study need to be reorganized and the weak places strengthened and supplemented. To provide for this work a similar organization as compiled the courses of study will rewrite the entire curriculum. It is hoped that this work will be ready for duplication by the closing of the present school year.

At the closing of this report will be found tables containing much information on school costs and school enrollment. These tables are self-explanatory and need no further comment. The low costs of education for

1933 as compared with the costs of preceding year listed in the tables are due to the 13.7% reduction in the budget of 1933, already referred to in this report.

The schools, although operating on a reduced budget, have maintained their standards and quality of work throughout the year. This has been made possible by the faithful service rendered by all school employees who have given freely of their time and efforts to their work.

The public school system is an organization which makes many contacts with the life of any community and needs the entire support of the community in order to accomplish its best work. During the year our schools have been visited by 7329 parents and citizens which is concrete evidence that the public is taking an active interest in the welfare of their schools.

**STATISTICAL REPORT ON ENROLLMENT IN HIGH SCHOOL, GRADES
AND KINDERGARTEN FOR THE RESPECTIVE
SCHOOL YEARS INDICATED**

Year	High School	Common Schools	Kindergraten
1914.....	633	3035	281
1915.....	720	3011	275
1916.....	771	3079	305
1917.....	871	3098	304
1918.....	948	2987	309
1919.....	998	2999	270
1920.....	1125	3037	334
1921.....	1140	2970	317
1922.....	1311	2958	324
1923.....	1372	2962	406
1924.....	1363	2852	383
1925.....	1391	2883	445
1926.....	1259	2727	518
1927.....	1246	2846	540
1928.....	1160	2945	524
1929.....	1117	3032	530
1930.....	1139	3052	519
1931.....	1179	3143	615
1932.....	1197	3210	606
1933.....	1243	3242	573

EXPENDITURES OF SCHOOL BUDGETS FOR THE FISCAL YEARS 1927 TO 1933

	1927	1928	1929	1930	1931	1932	1933
Supt. of Schools	\$5,516.12	\$4,200.00	\$4,200.00	\$4,200.00	\$4,200.00	\$4,200.00	\$3,675.00
School Committee	332.50	360.00	360.00	360.00	360.00	000.00	000.00
School Agent	1,700.00	1,700.00	1,700.00	1,700.00	1,700.00	1,700.00	1,487.50
Clerks	2,276.95	2,055.50	1,992.00	2,076.75	2,132.25	2,094.25	2,019.50
Medical Inspection	922.20	1,000.08	1,030.08	1,000.08	944.52	1,000.00	1,000.00
School Nurses	3,199.92	3,199.92	3,199.92	3,176.61	2,654.65	2,600.00	2,400.00
High School Teachers	84,524.35	87,861.41	93,560.93	99,633.92	101,849.82	101,256.04	87,996.08
Common School and Kdgn. T.	150,127.42	148,684.10	158,645.60	168,847.76	174,104.74	174,800.26	152,894.43
Night School Teachers	3,897.50	3,380.00	3,512.50	3,735.00	3,315.00	3,392.50	3,205.00
High School Janitors	8,440.64	8,435.64	8,430.64	8,471.40	8,562.64	8,526.40	7,721.00
Common School Janitors	12,045.09	12,563.09	12,541.73	13,423.63	13,597.68	13,709.98	12,135.78
High School Fuel	5,242.92	4,874.59	5,377.42	4,534.38	4,354.14	4,271.86	4,512.78
Common School Fuel	11,416.17	11,402.60	11,460.43	10,102.40	9,856.09	9,599.87	8,458.20
High School Books	3,083.45	2,199.37	3,988.11	2,929.14	2,724.01	3,219.93	3,384.45
Common School Books	3,215.88	3,186.54	4,349.73	3,135.47	3,523.13	2,494.56	2,665.70
High School Supplies	1,679.74	1,978.25	1,224.40	946.52	641.19	684.74	525.91
Common School Supplies	4,317.55	5,953.97	2,905.16	3,624.82	3,698.39	2,843.53	3,330.15
Night School Books and Supplies.....	66.70	45.37	175.08	109.15	121.07	290.43	58.17
Kindergarten Supplies	393.61	366.53	455.56	539.43	784.67	313.46	191.80
Office Supplies	225.48	370.47	379.66	415.20	334.51	401.02	377.34
Physical Education	4,436.13	4,382.20	4,470.17	4,694.80	4,616.62	4,548.38	3,972.16
Manual Training	1,509.54	1,620.96	1,502.38	1,482.43	1,499.87	1,072.71	876.83
Domestic Science	680.57	692.13	754.64	754.96	697.85	558.88	486.08
Maintenance	2,928.56	3,098.82	6,078.04	4,073.47	3,136.23	4,104.97	1,576.02
Repairs	16,942.70	14,308.47	11,375.84	16,582.23	15,641.47	14,482.10	7,521.39
Incidentals and Insurance	11,306.30	12,187.28	10,519.55	10,832.24	10,158.07	9,569.86	7,174.40
Conveyance	1,614.00	835.00	1,225.00	1,201.35	1,359.42	1,299.00	1,260.06
Water	113.18	85.17	84.90	120.47	105.40	145.88	2,016.61
Rent	2,158.75	600.00	600.00	600.00	600.00	600.00	480.00
R. O. T. C.	Cr. 14.09	72.04	88.32	Cr. .74	103.47	202.55	46.14
Open Air School						1,918.70	1,521.36

COST OF EDUCATION PER PUPIL BASED ON ITEMS LISTED OVER PERIOD OF TIME INDICATED

	1926	1927	1928	1929	1930	1931	1932	1933
Cost per pupil enrollment based on school budget expenditures	\$70.30	\$69.53	\$73.81	\$76.12	\$78.99	\$76.44	\$74.98	\$64.25
Cost per pupil for high school books.....	2.76	2.51	1.89	3.57	2.48	2.31	2.69	2.72
Cost per pupil for high school supplies.....	.53	1.37	1.73	1.09	.81	.54	.58	.42
Cost per pupil for common school books.....	1.65	1.02	1.08	1.43	1.03	1.12	.78	.82
Cost per pupil for common school supplies.....	.74	1.37	2.02	.96	1.19	1.18	.88	1.03
Cost per pupil for kindergarten supplies.....	1.39	.71	.70	.86	.91	1.27	.52	.33
Cost per pupil for high school instruction.....	71.95	68.94	75.74	83.76	87.47	86.39	84.59	70.79
Cost per pupil for common school and kindergarten instruction	41.23	40.53	42.86	44.53	46.33	46.32	45.81	40.08

CITY TREASURER

Total Appropriation	\$12,088.00	
Total Expenditures	11,383.21	
Cash on hand and in banks, January 1, 1933.....		\$31,407.54
Petty cash		500.00

\$31,907.54

RECEIPTS

Accounts Receivable, Unclassified	\$1,499.65	
Bangor Police and Fire Depts., Salary Donation.....	5,654.25	
Bangor and Brewer Bridge	1,900.68	
Bangor Water Dept., Misc.	2,070.98	
Cemeteries, Sale of Lots.....	400.00	
Cemetery Perpetual Care and Income Acct.....	889.79	
Charity	7,341.22	
City Hall	2,948.62	
Cost of Suits and Summons	785.20	
Education	11,441.68	
Electric	269.41	
Grants and Gifts from State	80,873.43	
Highway	4,205.15	
Interest	5,546.36	
Licenses and Permits	6,668.91	
Protection of Persons and Property	4,653.30	
Refunds	2,539.85	
Reimbursement from State	2,788.96	
Release Deeds	6.00	
Rents, Auditorium and Property	1,934.75	
Trust Fund, Fogg and Sabine	82.75	
Sale of City of Bangor Bond Issue.....	32,000.00	
Sale of Water	132,919.74	
Special Assessments, Roads, Sewer, Sidewalk.....	1,586.59	
Suspense Cash	55.25	
Taxes, Motor Excise	46,468.23	
Taxes	1,075,597.07	
Tax Titles Redeemed	18,793.69	
Teachers' Retirement Fund	2,084.73	
Tile Floor Fund	296.80	
Temporary Loans	700,000.00	
Trustees Bangor Water Board	21,000.00	
		\$2,175,303.04
		\$2,207,210.58
Treasury Warrants Paid		2,199,440.39
		\$7,770.19
Cash on hand Dec. 31, 1933.....		

The same method of collecting taxes was used in 1933 as was used in 1932, whereby the real and personal taxes were made due and payable June 10th with a 2% discount for taxes paid on or prior to that date. By so doing 40% of the taxes were paid on or before that date. Poll taxes were made payable May 1st instead of September 1st as was the custom prior to 1932. The small cash balance as shown on December 31, 1933, is accounted for by the fact that real estate taxes were not paid as promptly in 1933 as in 1932. In 1932 only about a thousand parcels of real estate were advertised whereas in 1933 there were about fourteen hundred parcels advertised. The amount to be tied up in tax deeds in the year 1933 will be much larger than it was in 1932.

WATER DEPARTMENT

REPORT OF THE WATER BOARD 59th Year

Bangor, Me., January 1st, 1934.

The Honorable, The City Council,
Bangor, Maine.

Gentlemen:

We herewith present the fifty-ninth annual report of the Bangor Water Board for the fiscal year ending December 31st, 1933.

In many respects, this was a most trying year for our various departments.

Everything which was financially possible, has been done in the construction division, in order to give employment to local labor. In the laying of the 20" extension to the Essex St. main, local labor received approximately \$15,000.00. In order to execute this work it was necessary to draw \$21,000.00 from the contingency fund.

As of Jan. 1st, 1934, the contingency fund amounts to \$29,978.70.

The total income of the Department from the sale of water was \$148,254.68, a decrease of 2.3%.

This is the first time in years that the Collector has reported unpaid water bills. However, these are in process of collection. The unpaid accounts are for five consumers, which under the existing conditions, is most remarkable.

The present funded debt amounts to \$635,000.00 while the sinking fund contains \$432,000.00 in bonds and \$31,794.43 in cash.

The books of the Department have been audited four times, as is our usual custom.

The Superintendent reports the following major additions to the plant.

New mains, net addition	8136 feet
Valves	27 feet
Hydrants	7 feet
Services	29 feet

In addition to the above, a new pump has been installed, which may be operated by two powers: i. e. gasoline or electricity.

The Chief Engineer of the pumping station reports the delivery of 1,201,681,000 gallons of water to the city mains, an increase of 1.3% compared with the previous year.

The Chemist and Bacteriologist reports that the delivered water was of a satisfactory sanitary quality. Research work is being continued looking to a further improvement in reducing the "activity" of the water to metals.

This department also examined fourteen samples of water for the local health officer.

The State Health Department have also made frequent examinations of the delivered water and in each instance reported that it was of satisfactory sanitary quality and certified this fact to the U. S. Treasury Department, so that its use is approved for common carriers.

On March 16th, 1933, Mr. Joseph T. Mullen, a member of this Board, passed to his rest. Although a member for a short time, his wide experiences were of great value.

Continuous studies are being made looking to the betterment of the entire system, and as finances permit, these improvements are being inaugurated.

Respectfully submitted,

CHARLES D. CROSBY, Chairman
FRANK P. DENACO,
JOS. E. FRIEND,
FRANK A. THATCHER,
W. W. PALMER,
JOHN H. MAGEE,
BERTRAM L. BRYANT,

Members of the Water Board

BANGOR WATER BOARD

Chas. D. Crosby, Chairman, ex-officio

Frank P. Denaco.....	Term expires January, 1935
Frank A. Thatcher.....	Term expires January, 1935
Joseph E. Friend.....	Term expires January, 1936
John H. Magee.....	Term expires January, 1936
Dr. Bertram L. Bryant.....	Term expires January, 1937
William W. Palmer.....	Term expires January, 1937

Walter I. Brown, Clerk

SUPERINTENDENT'S DEPARTMENT

EXTENSION OF STREET MAINS

Street mains have been laid as follows:

Location	Feet	Size in Inches
Essex Street from Garland to near location of proposed new standpipe	6587	20
Lancaster Avenue from Essex Street west.....	38	12
Stillwater Avenue, south of 20 inch main.....	41	12
French Street from Hancock to Washington.....	414	8
Lincoln Street extension	125	8
Mountain View Avenue from Seventh to West Broadway.....	507	8
York Street from French to Exchange.....	210	8
Milford Street west from Essex.....	45	8
Larkin Street extension	275	8
Birch Street extension	67	6
Stillwater Avenue extension	50	6
French Lane from State Street extension.....	277	4
	8,636	
Discontinued	500	
Total	8,136	

Total number of miles connected with the system 67 89/5280.

All of the mains in the distribution system have been flushed twice and some of the dead ends have been flushed oftener.

SERVICES

New	Renewed	Discontinued	Cleaned
29	70	11	366

Total number connected with the system, 6077.

At present there are 66 automatic fire services connected with the system. No new fire services were added.

FIRE HYDRANTS

Three hydrants were broken by automobiles.

Seven hydrants were added during the year.

All fire hydrants have received the usual inspection and are in good working condition.

Location	Pressure	Make
Essex, near Lancaster Avenue		E
Mountain View Avenue and Seventh.....	68	E
Essex Street, 400 ft. north of Stillwater Avenue.....		E
York and Exchange Street	100	E
Bellevue Avenue and State	93	E
Summit Avenue and State	93	E
Larkin Street, north of Third	70	E

Five of the old Holly hydrants have been replaced with modern approved types.

Total number 404.

LEAKS

Twenty-seven leaks have been repaired, twenty-two in service pipes, two in mains and three hydrant branches.

METERS

At the present time there are 180 meters connected to the system in sizes $\frac{5}{8}$ inch to 6 inches.

STREET-WATERING STANDPIPES

The number and location of the street-watering standpipes now in use are as follows:

WEST SIDE

Main, near City Farm
Main, opposite Patten Street
Summer and Union Street
Union and Hammond Street

Total number 4.

PUMPING STATION

The old steam pump was removed and replaced with a new centrifugal pump consisting of of two single stage units in series. This pump can be operated either with a Sterling gasoline engine or a General Electric motor.

A new low pressure heating system has been installed resulting in much better distribution of heat and saving of fuel.

The two Babcock and Wilcox water tube boilers have been removed from the boiler room. By removal of these two boilers we have made room for a forty ton coal pocket and a blacksmith shop.

FILTER PLANT

Filters No. 2 and 3 were thoroughly cleaned, and the brass strainers and cast iron laterals were replaced with red brass pipe which has the correct size and number of holes to distribute the air and wash water evenly all over the filter bed. These filters are working successfully.

STANDPIPE

The inside of the standpipe has been scrapped and two coats of Valdura paint applied. The outside of the wooden structure has been covered with two coats of white paint.

DAM AND PIERS

Very little work has been done on the dam the past year, but it will be necessary to re-plank a large area of it, and it is proposed to start this work in the immediate future.

ELECTRIC DEPARTMENT

We generated 2,397,000 K. W. H. 1,686,700 K. W. H. or 70.4% was sold to the City. The balance, 710,300 K. W. H., was used by the Water Department for power and lights.

During the winter 4,887 feet of 20" main was installed. This was done to relieve the unemployment situation. The labor on this installation amounted to approximately \$15,000.00. This installation was made in the line of improvements, as it will re-inforce the distribution system in this section, and at the same time be in readiness to connect to the proposed standpipe, which it is hoped will be erected during the coming season.

WATER COLLECTOR'S DEPARTMENT

CASH STATEMENT

RECEIPTS

On hand January 1, 1933.....		\$222.93
General water accounts from January 1, 1933 to January 1, 1934.....	\$132,633.39	
Fines, delinquent water customers.....	371.75	
Water supplied for building and testing.....	8.64	
Water supplied to circus.....	13.50	
		\$133,027.28
Chlorine returned on account of damaged cylinders.....	\$26.25	
Installing automatic fire service (on account 1933).....	45.00	
Refund for telephone service.....	3.02	
Sale of pipe, fittings and labor.....	835.56	
Return premium on insurance policies.....	572.66	
Gasoline and oil.....	80.18	
Use of air compressor, labor and trenching.....	71.31	

Alum bags	26.40	
150 K. W. Generator, second hand.....	100.00	
Sand	1.00	
Filter supplies	50.00	
Junk	29.00	
Sale of Alum	6.00	
Repairing service	17.51	
Repairing meter frozen	6.94	
		\$1,870.83
Installing water services inside curb.....		346.96
		<u>\$135,468.00</u>

DEPOSITS

Paid City Treasurer	\$134,990.72	
Balance December 31, 1933	477.28	
		<u>\$135,468.00</u>

SUMMARY OF YEAR'S RECEIPTS

Schedule ledger	\$107,925.47	
Meter ledger	23,549.60	
Automatic fire services and private fire hydrants.....	1,552.21	
		<u>\$133,027.28</u>
Credit from City for water furnished the City Depts.		15,227.40
		<u>\$148,254.68</u>
Total for water		
Merchandise ledger:		
Miscellaneous	\$1,870.83	
Installing water services	346.96	
		<u>\$2,217.79</u>
Credit from City for electricity.....		5,903.45
		<u>\$156,375.92</u>
Total receipts for year.....		

NON-PAYMENT OF WATER RATES

It is with considerable regret that we are unable to report all rates paid as in former years. Without exception it has been a year filled with unusual conditions regarding collections.

A total of 112 shut off orders were issued, of this number 94 have paid. It was necessary to discontinue service in 18 instances and at the present time five of these services are still out of use. In several cases it was necessary to issue orders each quarter against the same property. All possible persuasion was used before discontinuing service.

REFUNDS AND VACANCIES

Refunds for vacancies and non-use of fixtures amounted to \$203.72, same being paid from the petty cash fund.

NEW SERVICES AND RENEWALS

Twenty-nine new services were installed, and seventy services were renewed. Seven new fire hydrants were set.

TURN-ON AND SHUT-OFF RECORD

The turn-ons amounted to 1203 and the shut-offs to 1568. This record shows a considerable increase over previous years both in turn-on and shut-off orders.

THE WATER LOAN SINKING FUND

On January 1, 1933 the sinking fund amounted to \$442,969.19 and at this date it amounts to \$463,794.43.

THE WATER CONTINGENCY FUND

This fund at the present time amounts to \$29,978.70, and is made up of balances accumulating from year to year from the operations of the several departments of the Water Plant.

YEARLY REVENUE FOR WATER SERVICE

Statement of the yearly revenue received from water service since the introduction of the Water Works in 1875 = \$4,620,913.86.

PUMPING STATION

The amount of water pumped to the consumers during the year has been as follows:

January	97,233,000
February	90,951,000
March	97,923,000
April	91,842,000
May	102,606,000
June	103,537,000
July	108,975,000
August	102,574,000
September	99,371,000
October	100,728,000
November	98,225,000
December	107,716,000
Total.....	1,201,681,000

This is a daily average of 3,293,347 gallons.

Of the total amount 626,000 gallons were pumped by the electric pump.

The total amount of electricity generated by the Electric Plant was 2,397,000 K. W. H., of which 1,686,700 K. W. H. were sold to the Municipal Electric Department. The remaining 710,300 K. W. H. was utilized in the Water Department.

During the year, the two Babcock and Wilcox boilers, having been condemned by the insurance companies, were removed.

The Deane Steam Pumping engine was removed and replaced by Warren, two single stage, double suction, centrifugal pumps, with two way drive. On one of these pumps is a 250 H. P. General Electric motor; on the other a 425 H. P. Sterling gas engine. These have been tested and proved satisfactory.

The power pumps and water wheel gearing have been overhauled as usual.

A new low pressure heating system was installed throughout the plant, which will be found very economical.

REPORT OF WILLIAM J. CURRIER, AUDITOR

(Detailed report on file city clerk's office)

Bangor, Maine, March 6, 1934.

The Honorable Bangor Water Board,
Bangor, Maine.

Gentlemen:

As per your instructions, I have audited the books of the Bangor Water Board for the year ending December 30, 1933, for the purpose of verifying the cash transactions of the period under review, and the correctness of all other entries made upon the books, and submit herewith the following exhibits showing the results of the years operations, viz: (See report in city clerk's office).

Exhibit "A"	Balance Sheet December 30, 1933.
Exhibit "B"	Comparative Balance Sheet, 1932-1933.
Exhibit "C-1"	Comparative Results of Operations.
Exhibit "C-2"	Comparative Results of Operations (Continued)
Exhibit "C-3"	Comparative Results of Operations (Continued)
Exhibit "D"	Collections and Disbursements.
Exhibit "D-1"	Cash Summary, Year 1933.
Exhibit "E"	Petty Cash.
Exhibit "F"	Changes in Fixed Capital, 1933.
Exhibit "G"	Sinking Fund Investment.
Exhibit "H"	Sinking Fund Reserve.
Exhibit "I"	Depreciation Reserve.
Exhibit "J"	Analysis of Surplus.
Exhibit "K"	Analysis of Accounts Receivable.
Exhibit "L"	Analysis of Prepaid Expense.
Exhibit "M"	Analysis of Contingency Fund.
Exhibit "N"	Analysis of Material and Supplies.

CASH

All cash shown to have been received has been properly entered upon the books and deposited with the City Treasurer, excepting the cash on hand Dec. 30, 1933, as shown by Exhibit "A", and is supported by receipts properly signed by the Treasurer or his authorized agent, and are on file in the office of the Collector. These receipts have been checked with the records of the City Treasurer.

All disbursements from Petty Cash are supported by receipted vouchers properly receipted and recorded.

An attempt was made to verify the Cash Collection Account balance shown on Exhibit "A", amounting to \$477.28, with the City Treasurer's and the City Auditor's records, but it could not be done, for the reason that a cash account is not kept in either place with the Water Board Dept.

PETTY CASH

The Petty Cash fund of \$700.00 has been found to be in balance at all times during the year, cash on hand plus receipted vouchers equalling the fund called for by the General Ledger.

SPECIAL DEPOSITS

The City of Bangor Coupon Account, \$10,400.00, checks with the records of the City Auditor.

The City of Bangor Contingency Fund Account, \$29,978.70, has been verified with the books of the Merrill Trust Co., also the City Auditor, and found to be in agreement.

SINKING FUND INVESTMENT

The bonds comprising this account held in the hands of the Merrill Trust Company have been examined and found to be in agreement with the Sinking Fund Investment Account as carried on the books of the Water Board.

The Sinking Fund Uninvested has been verified with the records of the Merrill Trust Company and those of the City Auditor and found to be in agreement.

In verifying the Sinking Fund Investment Account a difference of \$3,143.89 was found between the balance as carried by the City Auditor and the Water Board books, the difference being accounted for in this manner—the City Auditor carrying the bonds at cost, or \$428,856.01, and the Water Board at par, or \$432,000.00. I believe it would be policy to carry the bonds at the same figure in both the City Auditor's office and the Water Board, either at cost or par, according to the best judgment of those in charge, thus eliminating the difference that has always existed between the two accounts.

Exhibits "B-2", "C-1", "C-2" and "C-3" are made in analytical form and show the increase or decrease in Capital Assets, Liabilities, Income and Expense.

All books of record have been examined, totals verified and checked to General Ledger accounts, and the General Ledger found to be in balance as evidenced by a trial balance taken from same as of December 30, 1933.

The records of the Bangor Water Board for the year have been kept in an excellent manner and are a credit to those in charge.

For the coming year I would make the following suggestion relative to cash collection account—that when a deposit is made all money collected should be deposited and not any held back.

At no time during the last year has cash collection money been deposited with the City Treasurer in its entirety, there always being a small amount held back. On December 30th, at the close of the year, there was in the hands of the Collector \$477.28 representing collections for 1933, that was not deposited with the City Treasurer.

The co-operation and courteous treatment accorded me during the year by your Collector, W. I. Brown, his assistants, the City Treasurer, and City Auditor, with whom it has been necessary to confer from time to time, has been very helpful, and I take this opportunity of expressing my appreciation of same.

I hereby certify that the several exhibits attached to, and forming a part of this report are based upon the books of the Bangor Water Board, and that Exhibit "A", Balance Sheet, sets forth the true condition of the Bangor Water Board as of December 30, 1933, and is true to the best of my knowledge and belief.

Respectfully submitted,

WM. J. CURRIER,
Public Accountant and Auditor.

BANGOR WATER BOARD

Comparative Balance Sheet

December 30, 1932-33

ASSETS	1932	1933	Increase	Decrease
Fixed Capital as of 6/30/15.....	\$1,421,514.60	\$1,396,441.32		\$25,073.28
Installed since 6/30/15.....	638,814.07	714,966.00	\$76,151.93	
Total	\$2,060,328.67	\$2,111,407.32	\$51,078.65	
Cash Collection Account.....	222.93	477.28	254.35	
Cash Petty	700.00	700.00		
Total	\$922.93	\$1,177.28	\$254.35	
Special Deposits				
City of Bangor, Coupon Account.....	\$10,240.00	\$10,400.00	\$160.00	
City of Bangor, Contingency Fund.....	\$46,932.15	29,978.70		\$16,953.45
Total	\$57,172.15	\$40,378.70		\$16,793.45
Accounts Receivable	747.68	1,023.58	275.90	
Material and Supplies	34,991.07	27,691.04		7,300.03
Prepaid Expense	2,437.37	1,533.85		903.52
Sinking Fund Investment	432,500.00	432,000.00		500.00
(M. Tr. Co.) Sinking Fund Uninvested.....	10,469.10	31,794.43	21,325.43	
Bond Discount	1,215.64	995.92		219.72
Total	\$482,360.86	\$495,038.82	\$12,677.96	
Total Assets	\$2,600,784.61	\$2,648,002.12	\$47,217.51	

LIABILITIES, RESERVES AND SURPLUS	1932	1933	Increase	Decrease
Funded Debt Bond	\$635,000.00	\$635,000.00		
Accrued Insurance	23.12	1.95		\$21.17
Accounts Payable	2,174.74			2,174.74
Bond Interest Accrued	1,800.00	1,800.00		
Bond Interest Matured	10,240.00	10,400.00	\$160.00	
Prepaid Commercial Sale	73.92	25.45		48.47
Sinking Fund Reserve	442,969.10	463,794.43	20,825.33	
Depreciation Reserve	242,190.99	260,547.47	18,356.48	
Other Temporary Reserves	975.30	650.20		325.10
Surplus	1,265,337.44	1,275,782.62	10,445.18	
Total Liabilities	\$2,600,784.61	\$2,648,002.12	\$47,217.51	

BANGOR WATER BOARD
Comparative Results of Operations—Continued

OPERATING EXPENSE	1932	1933	Increase	Decrease
Pumping Labor	\$8,034.94	\$6,816.15		\$1,218.79
Fuel for Steam	1,403.94	1,213.21		190.73
Fuel for Filter	476.95	473.60		3.35
Fuel for Gas Engine		74.40	\$74.40	
Power Purchases	536.60	28.00		508.60
Lubricants—Pumping Station	375.73	125.74		249.99
Pumping Supplies and Expense	792.15	623.78		168.37
Repairs Pumping Station, Shop and Office Bldg.	369.59	492.20	122.61	

BANGOR WATER BOARD

Comparative Results of Operations—Continued

Maintenance Pumping Station	1,152.55	1,351.92	199.37	
Maintenance Pumping Station Grounds		690.18	690.18	
Maintenance Dams and Piers	1,405.69	440.65		965.04
Maintenance Boiler Plant	4.75			4.75
Maintenance Flume		193.40	193.40	
Maintenance Pumping Station Equipment	1,811.64	1,540.89		270.75
Maintenance Aqueducts—Intakes—Suction	4.72	.88		3.84
Other Expense Pumping Station				
Purification Labor	9,220.41	8,009.93		1,210.48
Purification Supplies	9,005.85	10,111.49	1,105.64	
Maintenance Purification System	4,708.19	6,226.39	1,518.20	
Distribution Labor	4,536.24	3,416.13		1,120.11
Meter Installation	136.61	80.00		56.52
Work on Consumers' Premises	2,764.78	2,474.64		290.14
Distribution Supplies and Expense	1,897.02	1,310.13		586.89
Maintenance Reservoirs and Stand Pipe	3,956.32	2,050.01		1,906.31
Maintenance Distribution Mains	928.37	982.86	54.49	
Maintenance Service	1,823.80	1,632.61		191.19
Maintenance Meters	331.83	256.76		75.07
Maintenance Hydrants and Fire Cisterns	1,629.07	1,341.45		287.62
Maintenance Other Distribution	424.42	26.43		397.99
Maintenance Fountains and Troughs	197.83	145.99		51.84
Commercial Salaries and Expenses	6,620.19	5,755.45		864.74
Commercial Office Supplies and Expense	1,973.67	1,894.00		79.67
General Office Salaries and Expense	3,544.89	3,335.28		209.61
General Office Clerks Salaries and Expense	1,144.00	1,077.54		66.46
General Office Supplies and Expense	184.69	333.01	148.32	
Maintenance General Office Structures	605.83			605.83

General Expense	187.25	163.75		23.50
Relief Dept. and Pensions		897.44	897.44	
Stable and Garage Expense	318.66	63.24		255.42
Store Room and Shop Expense	739.73	177.32		562.41
Injuries and Damages	10.00	5.00		5.00
Insurance	1,808.26	3,193.76	1,385.50	
Taxes	354.20	329.00		25.20
Valuation Expense	20.64			20.64
Depreciation and Contingencies	24,855.52	24,868.88	13.36	
Flushing	1,194.33	943.49		250.84
Miscellaneous Adjustments	633.97	393.44		240.53
Cleaning Service	658.43	542.35		116.08
Service Turn-on's and Shut-off's	951.81	882.85		68.96
Total Operating Expense	\$103,736.06	\$96,985.71		\$6,750.35

BANGOR WATER BOARD
Comparative Results of Operations—Continued

	1932	1933	Increase	Decrease
Revenue Brot Fwd. (See "C-1")	\$151,925.07	\$149,638.23		\$2,286.84
Operating Expense Brot Fwd. ("C-2")	103,736.06	96,985.71		6,750.35
Add Other Deductions:				
C. W. A. Expense		38.64	\$38.64	
Interest	25,400.00	25,400.00		
Extinguishment Bond Discount	219.72	219.72		
Sinking Fund Expense	315.56	454.71	139.15	
Total Other Deductions	\$25,935.28	\$26,113.07	\$177.79	
Total Opr. Exp. and Other Deductions	\$129,671.34	\$123,098.78		\$6,572.56
Net Gain or Loss to Surplus	\$22,253.73	\$26,539.43	\$4,285.72	

BANGOR WATER BOARD

Sinking Fund Investment

Dec. 30, 1933

	Due	Rate	Cost	Face	Market Price	Market Value
Androscoggin Electric Co.	Oct. 1, '34	5	\$19,875.00	\$20,000.00	86	\$17,200.00
City of Bangor, Municipal	Nov. 2, '34	4	2,975.00	3,000.00	100	3,000.00
City of Bangor, Water	July 1, '35	4	83,212.20	84,000.00	100	84,000.00
City of Bangor, W. W. Reconstr.	Sept. 1, '36 to '40	4	9,815.00	10,000.00	100	10,000.00
Baltimore & Ohio Equip. Trust	Nov. 1, '34	4½	10,664.50	11,000.00	100	11,000.00
Bangor Railway & Electric Co.	July 1, '35	5	28,065.00	28,000.00	100	28,000.00
Eastern Mfg. Co.	Dec. 1, '38	7	10,350.00	10,000.00	52½	5,250.00
Empire Bond & Mortgage Corp.	July 1, '34	5½	9,862.50	10,000.00	20 Flat	2,000.00
Kittery, Maine, Water Dist.	Jan. 1, '34	5	1,027.40	1,000.00	100	1,000.00
Maine Central Railroad	Dec. 1, '35	6	77,762.50	73,000.00	67	48,910.00
Maine Central Railroad	Dec. 1, '35	4½	43,725.00	45,000.00	62	27,900.00
City of Medford	Nov. 1, '34	4½	4,028.00	4,000.00	99½	3,980.00
Minneapolis General Electric	Dec. 1, '34	5	6,190.00	6,000.00	101	6,060.00
City of Nashua	July 1, '34	4¼	15,106.50	15,000.00	100⅞	15,018.75
City of Nashua	July 1, '35	4¼	15,117.00	15,000.00	100½	15,075.00
Province of New Brunswick	Mar. 2, '35	4¾	7,022.40	7,000.00	100	7,000.00
Northern Maine Seaport R. R.	April 1, '35	5	10,050.00	10,000.00	99	9,900.00
City of Portland	April 1, '34	4	1,997.50	2,000.00	100	2,000.00
City of Portland	Nov. 1, '34	4	6,991.25	7,000.00	100¼	7,017.50
Rumford & Mexico Water Dist.	May 1, '37	5	4,723.99	5,000.00	95 Nor.	4,750.00
State of Maine Highway Bridge	Nov. 1, '34	4	5,940.00	6,000.00	100⅞	6,037.50
State of Maine Highway Bridge	Sept. 1, '34	4	7,425.00	7,500.00	100	7,500.00
City of Waterbury, Conn.	Jan. 15, '35	4¼	22,139.70	22,000.00	99⅞	21,917.50
City of Westbrook, Me.	Aug. 15, '34	4	495.00	500.00	100	500.00
City of Woonsocket, School	Mar. 15, '34	4¼	7,000.00	7,000.00	70 to 80 Nor.	5,600.00
City of Woonsocket, School	Mar. 15, '35	4¼	13,062.40	13,000.00	70 to 80 Nor.	10,400.00
City of Woonsocket, Fire Station	June 1, '35	4¼	4,020.00	4,000.00	70 to 80 Nor.	3,200.00
City of Woonsocket, Sewer	June 1, '35	4¼	3,015.00	3,000.00	70 to 80 Nor.	2,400.00
City of Woonsocket, Park Imp.	June 1, '35	4¼	2,010.00	2,000.00	70 to 80 Nor.	1,600.00
City of Woonsocket	May 1, '34	6	1,066.10	1,000.00	70 to 80 Nor.	800.00
Total			\$434,733.94	\$432,000.00		\$369,016.25
Market Value			369,016.25	369,016.25		
Decrease			\$65,717.69	\$62,983.75		

BANGOR WATER BOARD

Sinking Fund Reserve

Dec. 30, 1933

1933

Jan. 1	Sinking Fund Investment Bond.....		\$442,969.10
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Add:

Bond Purchases	\$ 500.00
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Interest on Bonds	20,190.00
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Interest on Bank Deposits.....	638.67
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Matured Bonds	1,000.00
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Total Additions	\$22,328.67
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\$465,297.77

Less:

Paid for Bonds	\$ 500.00
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Paid for Accrued Interest.....	3.34
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Less Matured Bond	1,000.00
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Total	\$1,503.34
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Dec. 30	Balance	\$463,794.43
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REPORT OF THE CHEMIST AND BACTERIOLOGIST

(Detailed report in city clerk's office)

The plant is in charge of Mr. A. C. Powell, resident chemist and bacteriologist.

The Penobscot River has been the source of the Bangor water supply ever since the original pumps were installed in 1875.

The drainage area of the Penobscot river, above the waterworks intake, is about 7,700 square miles. The water is always colored, carries very little turbidity, but is somewhat polluted due to the sewage from several localities, waste from pulp mills and drainage from the numerous farms.

In 1906 the coagulation basin was completed and placed in operation. This basin is in use at the present time in connection with the new filters. The basin has a capacity of 1,500,000 gallons, the water entering and leaving at the top. In 1920 some baffles were installed so that at the present time the retention period in this basin is about three hours when operating at the rate of 5,000,000 gallons per day.

In 1911 a concrete gravity filter plant was placed in operation and consisted of six filter units. In 1912 the capacity of the plant was increased by the equipment of two blank units, so that at the present time this plant consists of eight units with a total sand area of 3,470 square feet.

The usual mechanical filter plant with a similar sand area, operating at a rate of two gallons per minute per square foot, would have a capacity of about ten million gallons per day, but, owing to the character of the water to be treated, this plant is operated at a rate not exceeding 1.6 gallons per square foot per minute; tho this rate may be exceeded under certain conditions. At the present rate the capacity is eight million gallons per day.

On October 12, 1927, a modern aerator plant was placed in operation. The water before entering this aerator contains the sulphate of alumina which is used as a coagulant. Liquid chlorine is also applied to the water at this point.

This aerator, which is in two sections, removes a large amount of free carbon dioxide gas, iron and some other gases, and has resulted in a great improvement in the taste of the water.

Commencing in September, 1932, activated carbon was applied to the unfiltered water before aeration. This resulted in a marked improvement in the taste of the water, and it has also been possible to reduce the amount of sulphate of alumina previously used.

Commencing in April, 1933, Bleaching Clay was substituted for the Activated Carbon. The use of this material has also proven very successful.

At times of extreme cold weather ice has been formed in the rear of the filter units, under the concrete deck, but this has been overcome by reducing the "head" of the water on the sand beds, which permits the air to circulate freely under the filter decks.

In operating the filters during the cold weather, it is necessary to wash them every six to eight hours; otherwise they become airbound and permit undesirable water to pass. The airbound conditions commence when the temperature of the water is below 45° F. When the water is warmer it is possible to operate the filters from 16 to 24 hours between washings.

TABLE SHOWING WATER FILTERED

Year	Gallons	
1933	1,355,910,000	0.9% inc.
Avg. 5 yrs. (1929-33)	1,377,896,000	4.6% dec.

The average amount of water treated during the past year was 3,714,822 gallons per day.

TABLE SHOWING WASTE WATER

Year	Gallons	Percent
1933	138,754,000	10.3%
Avg. 5 yrs. (1929-33)	113,403,080	8.3%

The amount of water wasted was 14.4% higher than during the previous year.

The waste water includes that used for washing the filters and also that discharged from the coagulation basins when they are cleaned.

The coagulation basins have a combined capacity of 1,500,000 gallons and are cleaned every month during the warm weather.

During the year 4,470 filters were washed, an average of 12.2 washes per day. This is an increase of 423 washes or 10.4%.

TABLE SHOWING WATER DELIVERED

Year	Gallons	
1933	1,201,681,000	1.3% inc.
Avg. 5 yrs. (1929-33)	1,030,032,400	11.7% dec.

The average amount of water delivered was 3,292,277 gallons per day or a per capita consumption of about 126.6 gallons. These figures include a large amount of water used in flushing the mains and in street sprinkling.

TABLE SHOWING TYPHOID FEVER DEATH RATE PER 100,000 POPULATION—FROM RECORDS OF THE STATE HEALTH DEPT.

Year	Rate
Avg. 5 yrs. (1900-1904)	77.0
Avg. 5 yrs. (1905-1909)	42.3
Avg. 5 yrs. (1910-1914)	45.8
Avg. 5 yrs. (1915-1919)	32.0
Avg. 5 yrs. (1920-1924)	15.6
Avg. 5 yrs. (1925-1929)	8.9

In judging the purity of a water supply it is well to consider the Typhoid Fever death rate.

CITY AUDITOR

CASH

The Cash receipts for the fiscal year were.....	\$2,174,283.07
Cash from the following funds was transferred to the Treasurer's General Cash in March:	
Tile Floor Fund	\$186.47
Teachers' Retirement Fund	808.50
Norumbega Parkway Fund	120.39
Trust Funds—Unexpended Income.....	387.36
Cemeteries—Unexpended Income	89.11
	1,591.83
Total Receipts	\$2,175,874.90
Balance, January 1, 1933	47,699.98
	\$2,223,574.88
Paid Treasury Warrants	\$2,209,294.14
Transferred to Coupon Account.....	7,010.55
	\$2,216,304.69
	\$7,270.19
Petty Cash	500.00
	\$7,770.19
Balance December 31, 1933	

CASH ON HAND AND IN BANKS:

Merchants National Bank, Bangor.....	\$4,312.89
Eastern Trust & Banking Co.....	896.86
Merrill Trust Company	470.18
Deposit made up	1,590.26
Petty Cash	500.00
	\$7,770.19

TILE FLOOR FUND

January 1, 1933, Balance	\$169.49
Added during year	127.31
Balance December 31, 1933.....	\$296.80

TEACHERS' RETIREMENT FUND

January 1, 1933, Balance	\$ 538.84
Received from teachers' pay rolls.....	1,545.89
	\$2,084.73
Amount sent to State.....	1,279.78
	\$804.95
Balance December 31, 1933.....	

TRUST FUNDS—UNEXPENDED INCOME

January 1, 1934, Balance	\$362.36
Receipts:	
Fogg Fund	\$ 50.00
Kirstein Scholarship Fund	250.00
Holton Medal Fund	100.00
Sabine Fund	32.75
	\$432.75
	\$795.11

Expended:

Fogg Fund	\$ 50.00	
Holton Medal Fund	105.80	
Kirstein Scholarship Fund	293.75	
Sabine Fund	32.93	
		\$482.48

Balance December 31, 1933		\$312.63
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CEMETERIES—UNEXPENDED INCOME

January 1, 1933, Balance	\$ 89.11	
Interest added	489.79	
		\$578.90
Expended		415.76
Balance December 31, 1933		\$163.14

TRUST FUNDS

The Trustees of the Joseph P. Bass Fund turned over to the City of Bangor, in January, 1933	\$12,739.63	
Interest added during year	385.04	
Income from various sources	1,167.09	
Balance December 31, 1933		\$14,291.76

FIREMEN'S RELIEF FUND

January 1, 1933, Balance	\$9,822.67	
Interest added	589.36	
		\$10,412.03
Expended		871.79
Balance December 31, 1933		\$9,540.24

SOPHIA KIRSTEIN STUDENT LOAN FUND

January 1, 1933, Balance	\$2,307.15	
Interest added	133.75	
		\$2,440.90
Expended		600.00
Balance December 31, 1933		\$1,840.90

BONDS OUTSTANDING DECEMBER 31, 1933

Municipal Bonds	\$595,000.00
Water Bonds	635,000.00
Total Bonds Outstanding.....	<u>\$1,230,000.00</u>

There were set up in Reserves and charged

Operating Accounts as follows:

Coupons on Municipal Bonds	\$ 2,920.00
Coupons on Water Bonds	10,160.00
Bangor Bridge District	6,000.00
Highway Department	2,000.00
	<u>\$21,080.00</u>

State of Maine Tax	<u>\$210,659.77</u>
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Less:

Railroad and Telegraph Tax	\$30,415.15
Grants and Gifts for Schools	44,338.61
Dog Licenses Refunded	196.59
State Aid for Highways	9,283.10
State Aid for Third Class Roads	4,464.30
	<u>\$88,697.75</u>

Due State of Maine on Taxes.....	<u>\$121,962.02</u>
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County Tax	\$54,316.67
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Less: Court Fees	<u>3,194.28</u>
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Due County of Penobscot on Taxes.....	<u>\$51,122.39</u>
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WATER LOAN SINKING FUND CASH

January 1, 1933, Balance	\$10,469.10
Interest on bank deposits	638.67
Coupons deposited	20,190.00
Bond matured	1,000.00
	<u>\$32,297.77</u>

Less: Bonds purchased	<u>503.34</u>
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Cash on hand December 31, 1933.....	<u>\$31,794.43</u>
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WATER LOAN SINKING FUND SECURITIES

January 1, 1934, Balance	\$429,352.67
Less: City of Gardiner bond matured.....	1,000.00
	<u>\$428,352.67</u>

Add: Bond purchased	<u>503.34</u>
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Total Securities	<u>\$428,856.01</u>
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Water Loan Sinking Fund—Cash.....	\$ 31,794.43
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Water Loan Sinking Fund—Securities	<u>428,856.01</u>
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Total Water Loan Sinking Fund.....	<u>\$460,650.44</u>
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Face Value of Bonds in Sinking Fund.....	<u>\$432,000.00</u>
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WATER DEPARTMENT EMERGENCY FUND

January 1, 1933, Cash Balance	\$33,734.66
Interest allowed by bank.....	1,155.69
Received from City of Bangor for the balance due Water Department after deducting cost of operat- ing the Department from revenue received, year 1932	13,197.49
	\$48,087.84
Less: Amount transferred to Water Department for work on Essex Street	21,000.00
	\$27,087.84
Total Water Department Emergency Fund.....	

2% SINKING FUND CASH

January 1, 1933, Cash Balance	\$32,000.00
Appropriation as per Budget for year 1933.....	30,000.00
	\$62,000.00
Less: Securities bought	32,000.00
	\$30,000.00
Cash on hand December 31, 1933.....	

2% SINKING FUND SECURITIES

Bonds Purchased	\$32,000.00
The unexpended balances for the year 1933 were transferred to 2% Sinking Fund in accordance with the provisions of the City Charter in the amount of	30,034.65
In December the Bangor Anti-Tuberculosis Association and Junior Welfare League gave \$500.00 each towards alterations of the Coe building for the use of the Fresh Air School. \$387.94 was ex- pended, leaving a balance of.....	612.06

Exhibits A, B, C and D show the Revenue Accounts. Schedule 1 shows Miscellaneous Revenue. Schedules 2 and 3, Operating Expenses and Additions and Betterments. Schedule 4, Bonded Indebtedness. Schedule 5, Trust Funds.

CITY OF BANGOR

Exhibit A

Balance Sheet as at December 31, 1933

ASSETS

Cash:			
General	\$7,270.19		
Petty Cash	500.00		
			\$7,770.19
Coupon Account:			
Merrill Trust Company	\$ 3,940.00		
Merchants National Bank, Boston.....	16,540.00		
Eastern Trust & Banking Co.....	440.55		
Merchants National Bank, Bangor.....	640.00		
			\$21,560.55
Taxes Due:			
1933	\$140,789.31		
1932	7,967.08		
1931	364.50		
1930	319.46		
			\$149,440.35
Supplemental Taxes:			
1933	\$192.31		
1932	140.00		
1931	7.05		
			\$339.36
Tax Titles:			
1932	\$43,634.46		
1931	12,768.99		
1930	2,726.93		
			\$59,130.38
Sewer Accounts:			
Assessments	\$567.57		
All Other	3.67		
			\$571.24
Highway Accounts:			
All Other	\$1,926.15		
Sidewalks	334.99		
			\$2,261.14
Miscellaneous Accounts Receivable		5,545.91	
Charity Accounts Receivable		4,292.87	
Soldiers' Benefits		174.00	
Aerial Truck		9,985.00	
Wood Account		1,518.75	
Insurance Account		268.75	
Water Department:			
Sinking Fund Cash	\$ 31,794.43		
Sinking Fund Securities	428,856.01		
Emergency Fund Cash	27,087.84		
			\$487,738.28
2% Sinking Fund:			
Cash	\$30,000.00		
Securities	32,000.00		
			\$62,000.00
Trust Funds Invested:			
J. P. Bass Fund—Cash	\$14,291.76		
Cemeteries—Cash	14,271.60		
Sabine Fund—Cash	1,000.00		
Hiram Fogg Fund—Bond	1,000.00		
Kirstein Missionary Fund—Bond	500.00		
			31,063.36
City Property			4,943,783.03
Total Assets			\$5,787,443.16

CITY OF BANGOR

Balance Sheet as at December 31, 1933

LIABILITIES

Treasury Warrants Unpaid		\$39,041.25
Bangor Bridge District Voucher Unpaid.....		6,000.00
Cemeteries—unexpended income		163.14
Open Air School Donation		612.06
Teachers' Retirement Fund		804.95
Tile Floor Fund		296.80
Notes Payable		9,985.00
Bonds Matured—not presented for payment.....		7,000.00
Bonds Outstanding:		
Municipal	\$595,000.00	
Water	635,000.00	
		<u>1,230,000.00</u>
2% Sinking Fund		30,000.00
Sinking Fund—Unexpended Appropriations		30,034.65
Water Department Emergency Fund		27,087.84
Accrued Interest on funded debt		7,943.36
Interest on Trust Funds used with Arrears.....		312.63
Reserves:		
Water Coupons	\$10,400.00	
Municipal Coupons	3,530.00	
Highway	2,000.00	
		<u>15,930.00</u>
Reserve for Bad and Doubtful Tax Titles.....		2,512.39
Suspense Cash		464.89
Overlays:		
1933	\$17,547.58	
1932	5,122.29	
1931	984.16	
1930	495.04	
		<u>24,149.07</u>
Motor Excise Tax, 1934		4,018.22
State Tax for 1933	\$210,659.77	
Less Reimbursements	88,697.75	
		<u>121,962.02</u>
County Tax for 1933	\$54,316.67	
Less Reimbursements	3,194.28	
		<u>51,122.39</u>
Trust Funds:		
Invested	\$ 31,063.36	
Used by City	247,837.91	
		<u>278,901.27</u>
Surplus—Assets over Liabilities		3,899,101.23
Total Liabilities		<u>\$5,787,443.16</u>

Exhibit C

CITY OF BANGOR

SURPLUS—ASSETS OVER LIABILITIES

For the Year Ended December 31, 1933

Balance January 1, 1933	\$3,830,168.08
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CREDITS

Bonds Retired	\$52,000.00	
Accrued Interest on Funded Debt	459.98	
Swimming Pool—unexpended balance	3.29	
Dog Licenses	139.00	
Norumbega Parkway Fund—unexpended balance....	62.39	
Revenue—Water Loan Sinking Fund.....	20,828.67	
Additions to City Property	70,932.75	
		144,426.08
		\$3,974,594.16

DEBITS

New Bond Issue	\$32,000.00
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Tax Titles Cancelled:

Previous to 1920.....	\$10,971.91	
1930.....	17.22	
1931.....	12.97	
1932.....	1922	
		11,021.32

Accounts Receivable Cancelled:

Sewer Assessments Suspended until entry	\$5,436.20	
Miscellaneous Accounts Receivable....	68.94	
State Pensions	9.29	
		5,514.43
Five Yr. Suspense Account Discontinued	58,957.18	
		107,492.93
Credit Balance December 31, 1933.....		\$3,867,101.23

Exhibit D

CITY OF BANGOR

REVENUE AND EXPENSES

For the Year Ended December 31, 1933

Real Estate (Valuation April 1, 1933) \$22,560,437 at \$41.80	\$943,026.27
Personal Property (Valuation April 1, 1933) \$5,396,280 at \$41.80	225,564.50
	\$1,168,590.77
Overage due to fractions in computing tax.....	1.72
	\$1,168,592.49
Polls—7604 less 173 exempted—7431 at \$3.00.....	22,293.00
Total Tax	\$1,190,885.49
Less:	
State Tax	\$210,659.77
County Tax	54,316.67
	264,976.44
	\$925,909.05
Less: Overlayings	24,597.05
Net assessment available for all municipal purposes as per Budget	\$901,312.00
Less: Non-revenue expenditures (for improvements and additions)	17,344.47
Amount available from assessments for operating and maintenance purposes	\$883,967.53
Add: Estimated Revenue Earned	303,124.35
Total Credits	\$1,187,091.88
Less: Departmental and other expenses as per Schedule 2	1,137,057.23
Unexpended Balance to 2% Sinking Fund as per City Charter	\$30,034.65

Schedule 1

ESTIMATED REVENUE

For the Year Ended December 31, 1933

Taxes:

	Estimated Revenue	Total Revenue	Under Estimate
Railroad and Telegraph Tax	\$30,000.00	\$30,415.15	\$415.15*
State Bank Tax.....	10,000.00		10,000.00
Auto Excise Tax.....	45,000.00	46,803.31	1,803.31*

Licenses and Permits:

City Clerk's Office Fees.....	4,600.00	4,719.80	119.80*
All Other Fees.....	200.00	218.61	18.61*

Grants and Gifts from State:

Schools	44,000.00	44,535.28	535.28*
Library	500.00	200.00	300.00
Dog Licenses Refunded.....	100.00	196.59	96.59*

Privileges:

Public Service—Wires and Franchise	3,800.00	1,900.68	1,899.32
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General Government:

City Hall	2,000.00	2,490.24	490.24*
Auditorium	500.00	1,486.75	986.75*

Protection of Persons and Property:

Police Dept.—Court Fees.....	2,500.00	3,194.28	694.28*
Fire Dept.—Sundry	500.00	1,127.65	627.65*

Public Works Department:

Sewers—Sundry		152.70	152.70*
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Charities:

Farm—Sale of Products).....		264.02)	
Alms-house).....		1,484.26)	
Hospital).....	4,000.00	1,000.45)	4,048.63*
Reimbursements).....		5,299.90)	

Soldiers' Benefits:

State Pensions	1,200.00	1,164.00	36.00
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Education:

Tuition	9,000.00	9,630.92	630.92*
Sale of Heat.....	2,000.00	2,011.05	11.05*

Public Service Enterprises:

Water Department	136,000.00	134,990.72	1,009.28
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Cemeteries:

Sale of Lots.....	200.00	400.00	200.00*
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Interest:

On Taxes and Deposits.....	4,000.00	6,898.10	2,898.10*
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Supplemental Taxes:

Taxes	1,000.00	1,552.34	552.34*
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Unclassified:

Sundry		987.55	987.55*
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Totals	\$301,100.00	\$303,124.35	\$2,024.35*
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CITY AUDITOR

For the Year Ended December 31, 1933

REVENUE

	Appropriations	Total Expenditures	Balance Available
GENERAL GOVERNMENT:			
General Government:			
1b General Expenses.....	\$150.00	\$182.07	\$ R 32.07*
City Manager:			
2a Salaries	6,988.00	6,988.00	
2b General Expenses.....	180.00	195.23	15.23*
Auditor and Auditing:			
3a Salaries	3,699.00	4,028.04	329.04*
3b General Expenses.....	200.00	181.64	18.36
Treasurer and Collector:			
4a Salaries	9,288.00	9,172.10	115.90
4b General Expenses.....	2,800.00	2,211.11	588.89
Assessors:			
5a Salaries	6,900.00	6,864.23	35.77
5b General Expenses.....	550.00	510.55	39.45
Law:			
6a Salary	1,313.00	1,312.50	.50
6b General Expenses.....	300.00	12.85	287.15
City Clerk:			
7a Salaries	3,500.00	3,344.36	155.64
7b General Expenses.....	500.00	651.83	151.83*
Purchasing Agent:			
8a Salaries	2,750.00	2,731.91	18.09
8b General Expenses.....	400.00	368.24	31.76
Civil Service Commission:			
9a Salary	20.00	25.00	5.00*
9b General Expenses.....	20.00	14.50	5.50
Inspector of Buildings:			
10a Salary	262.50	262.50	
Registration:			
11a Salaries	2,400.00	2,964.00	564.00*
11b General Expenses.....	600.00	521.24	78.76
Elections:			
11c Salaries	630.00	642.00	12.00*
11d General Expenses.....	500.00	278.19	221.81
City Hall:			
12a Salaries	5,106.00	5,151.64	45.64*
12b Fuel, Water, Light).....		1,800.98)	
12c Insurance).....	5,200.00	563.05)	1,078.15
12d General Expenses).....		1,757.82)	
Attendance Officer:			
13a Salary	437.50	437.50	
Auditorium:			
14a Salaries	500.00	480.00	20.00
14b General Expenses.....	1,700.00	438.61	1,261.39

	Appropriations	Total Expenditures	Balance Available
PROTECTION OF PERSONS AND PROPERTY:			
Police Department:			
15 Salaries	\$73,000.00	\$68,873.59	\$4,126.41
17 Auto Maintenance	1,000.00	1,110.82	110.82*
18 Equipment and Repairs	1,200.00	1,262.10	62.10*
20 Other Expenses	800.00	1,074.74	274.74*
22 Patrol Wagon	3,500.00	3,500.00	
Fire Department:			
25 Salaries	76,300.00	72,249.25	4,050.75
26 Water	11,711.00	11,711.00	
27 Fuel and Light	1,798.00	2,122.44	324.44*
28 Auto Maintenance	2,000.00	1,918.70	81.30
28a New Equipment	2,500.00	2,500.00	
29a Hose)		1,679.90)	
29b Equipment and Repairs)	5,000.00	2,076.80)	1,243.30
30 Other Expenses	2,000.00	1,560.19	439.81
Other Pro. of Persons and Prop'y:			
39 Dog Officer	250.00	191.70	58.30
HEALTH DEPARTMENT:			
Health:			
44 Salaries	2,813.00	2,904.72	91.72*
45 Milk Inspector	175.00	175.00	
46 Vital Statistics	600.00	599.50	.50
47a Meat Inspector)		354.00)	
47c General Expenses)	1,925.00	1,345.18)	225.82
47b Garbage Removal	4,970.00	4,970.00	
48 Dumps	1,050.00	1,067.00	17.00*
49 Plumbing Inspector	1,200.00	1,200.00	
PUBLIC WORKS DEPARTMENT:			
General Administration:			
50 Salaries	1,654.00	1,466.57	187.43
Engineering:			
51a Salaries	4,114.00	3,436.69	677.31
51b General Expenses	500.00	433.35	66.65
Sewers:			
52 General Administration	680.00	678.00	2.00
53a Sewer Maintenance	2,780.00	1,425.92	1,354.08
54b Catch Basin Maint.	5,082.00	3,558.56	1,523.44
Sanitation:			
57 Street Cleaning)		3,565.07)	
57a Spring Clean-up Gutters)		337.39)	
57b Fall Clean-up Leaves)	7,526.00	994.83)	2,128.71
57c Clean-up Week)		500.00)	
Highways:			
60 General Administration	3,238.00	3,198.46	39.54
63a Yard and Shops)		12,467.46)	
63b Garage)		19,357.40)	
63c Replacements)		3,913.30)	
63d Maintenance of Roads)	57,151.00	8,086.21)	2,978.17
63e Patrol Maintenance)		7,271.55)	
63f Rep'g Frost Damage)		2,050.96)	
63g Semi-Perm'ent Const.)		258.11)	
63h Gravel Pit Operations)		767.84)	
65a R. M. Sidewalks	7,000.00	11,562.08	4,562.08*

	Appropriations	Total Expenditures	Balance Available
Highways Continued:			
66 Snow and Ice Removal	\$10,000.00	\$11,945.52	\$1,945.52*
67a Sprinkling).....		1,841.66)	
67b Tarring Streets).....	26,000.00	28,326.80)	4,168.46*
Bridges:			
61a Maint. and Repairs.....	4,175.00	1,565.42	2,609.58
Parks:			
68a Maintenance & Oper.....	4,500.00	3,752.20	747.80
68b Trees	3,300.00	3,164.50	135.50
PUBLIC WELFARE:			
Charities:			
70a Salaries).....		2,609.00)	
70b Office Expense).....	2,975.00	306.90)	59.10
71a Almshouse).....		19,037.25)	
71b Farm).....	21,000.00	180.37)	1,266.40*
71c Hospital).....		3,048.78)	
72 Outside Relief	43,425.00	40,354.84	3,070.16
72b Ex-Service Relief	3,100.00	4,348.23	1,248.23*
73 Relief by O. C. & T.....	2,000.00	4,692.76	2,692.76*
77 City Physician	500.00	500.00	
78 City Missionary	900.00	900.00	
Soldiers' Benefits:			
79 State Pensions	1,200.00	1,164.00	36.00
State Children:			
80a Board and Care.....	5,000.00	4,502.22	497.78
Mothers' Aid:			
80b Mothers' Aid	6,000.00	4,906.00	1,094.00
State Sanatorium Aid:			
80c Aid		568.83	568.83*
Other Welfare:			
104d District Nurse Assn.....	500.00	500.00	
108 Emergency	3,000.00	3,000.00	
109d Odd Jobs Bureau.....	1,060.00	1,043.46	16.54
109e Add'l Medical Attend.	600.00	540.00	60.00
Unemployment:			
110a Wages).....		22,459.62)	
110b Material).....	25,000.00	2,619.82)	1,533.47*
110c Insurance).....		1,454.03)	
EDUCATION:			
Schools	325,000.00		30.22
81a Gen. Admr. Supt. etc.....		6,694.50	
81b Gen. Admr. Sch. Agt.....		1,487.50	
81c Gen. Admr. Office Sup.		377.34	
82a Teachers' Sal. High Sch.		87,996.08	
82b Teachers' Sal. Com. Sch.		152,894.43	
83 Text Books and Supplies		10,098.01	
84a Janitors' Ser. High Sch.		7,721.00	
84b Janitors' Ser. Com. Sch.		12,135.78	
85a Fuel & Light High Sch.		4,484.54	
85b Fuel & Light Com. Sch.		8,486.44	

	Appropriations	Total Expenditures	Balance Available
Schools Continued:			
86 Maintenance & Repairs		\$9,095.02	
87a Manual Training		879.22	
87b Domestic Science		486.08	
87c Physical Education		3,972.16	
88a Night School Teachers...		3,205.00	
88b Night School Supplies....		58.17	
89 Incidental		7,174.40	
90 Conveyance		1,260.00	
91 Water		2,016.61	
91a R. O. T. C.....		46.14	
92 Rents		480.00	
93 Open Air School.....		1,521.36	
94 School Nurses		2,400.00	
LIBRARY:			
98 Appro. by City.....	17,500.00	17,500.00	
99 Granted by State.....	500.00	200.00	300.00
UNCLASSIFIED:			
104 Dam. to Per. & Prop'y	500.00		500.00
105 Memorial Day	350.00	350.00	
106 Reserve	5,900.00	2,537.42	3,362.58
106b Outside Auditor	800.00	800.00	
106c Pensions	25,000.00	21,198.91	3,801.09
109a Harbor Master	400.00	400.00	
109b Supt. of Clocks.....	150.00	161.60	11.60*
109c Sealer of Wgts. & Meas.	25.00	12.64	12.36
109f Annual Reports	600.00	263.60	336.40
PUBLIC SERVICE ENTERPRISES:			
Electric Department:			
111a Salaries)		16,096.83)	
111b Maint. & Operation)	33,000.00	14,280.18)	2,622.99
Water Department:			
112 Maint. & Constn.....	111,160.00	109,590.72	1,569.28
CEMETERIES:			
115 Maintenance	2,500.00	2,498.49	1.51
INTEREST:			
120 On Temporary Loans....	8,000.00	6,860.05	1,139.95
122 On Municipal Bonds	23,860.00	23,860.00	
123 On Trust Funds.....	12,212.00	12,202.33	9.67
124 On Water Bonds.....	25,400.00	25,400.00	
MUNICIPAL INDEBTEDNESS:			
132 Serial Bond Require'ts	20,000.00	20,000.00	
SINKING FUNDS:			
137 2% Sinking Fund.....	30,000.00	30,000.00	
	Appropriations	Total Expenditures	Balance Available
NOTES PAYABLE:			
143 Aerial Truck	\$4,309.00	\$4,309.10	.10*
DISCOUNT ON TAXES PAID IN ADVANCE:			
144 Discount on Taxes.....	12,000.00	10,865.30	1,134.70
SPECIAL FIVE YEAR SUSPENSE ACCOUNT:			
145 Suspense Account.....	19,500.00	19,500.00	
Totals.....	\$1,183,312.00	\$1,157,057.23	\$26,254.77

Schedule 3

NON-REVENUE

PUBLIC WORKS DEPARTMENT:

Sewers:

53b Sewer Construction.....	\$1,600.00	\$1,201.31	\$398.69
54b Catch Basin Constn.....	500.00	465.28	34.72

Highways:

64b Constn. General	9,000.00	9,677.88	677.88*
65b Reconstn. Sidewalks.....	2,000.00		2,000.00

BANGOR BRIDGE DISTRICT:

109 Bridge District	6,000.00	6,000.00	
Totals.....	\$19,100.00	\$17,344.47	\$1,755.53

(*Overdrafts)

STATEMENT OF BONDED INDEBTEDNESS

As at December 31, 1933

	Date of Issue	Due	Rate	Amount
Municipal Bonds (Serial)	November 1, 1914	November 1, 1934	4%	\$5,000.00
Municipal Bonds (Serial)	July 1, 1925	July 1, 1934	4%	20,000.00
Municipal Bonds (Serial)	July 1, 1927	July 1, 1934/38	4%	85,000.00
Municipal Bonds (Serial)	July 2, 1928	July 2, 1936/7	4%	40,000.00
Municipal Bonds (Serial)	August 1, 1928	August 1, 1937/40	4%	125,000.00
Municipal Bonds (Serial)	August 1, 1931	August 1, 1934/48	4%	230,000.00
Municipal Bonds (Serial)	June 1, 1932	June 1, 1934/62	4%	58,000.00
Municipal Bonds (Serial)	July 1, 1933	July 1, 1934/49	4%	32,000.00
Total Municipal Bonds.....				\$595,000.00
Water Bonds (Time)	July 1, 1905	July 1, 1935	4%	\$500,000.00
Water Bonds (Serial)	September 1, 1923	September 1, 1936/40	4%	135,000.00
Total Water Bonds.....				\$635,000.00
Total Municipal Bonds			\$595,000.00	
Total Water Bonds			635,000.00	
Total Bonds			\$1,230,000.00	

TRUST FUNDS

Schedule 5

As at December 31, 1933

Name of Fund	Purpose	Rate of Interest		Income Un- Amt. expended
Bangor Fuel Society	For the Society	\$3,500.00	4%	\$4,500.00
		1,000.00	6%	
Bass, Joseph P. Fund	For Bass Park—In Savings Banks			14,291.76
Bangor Mechanic Association	For the Library		6%	12,000.00
Bangor Children's Home	For the Home		5%	40,000.00
Firemen's Relief Fund	For Relief		6%	9,540.24
Fogg, Hiram Fund	For the City Missionary	Bond	5%	1,000.00
French Medal Fund	For School Medals only		5%	5,956.77
Holton Medal Fund	For School Medals and Educational Purposes		5%	2,000.00
Home for Aged Women	For the Home		6%	25,000.00
Hersey Fund	For the Library		4%	100,000.00
Kirstein, Louis and Sophia Fund	For the City Missionary	Bond	5½%	500.00
Kirstein, Louis and Sophia Fund	For Scholarship		5%	5,000.00
Kirstein, Sophia Student Loan Fund	For helping scholars by loan		6%	1,840.90
Oliver, Hiram Fund	For the City Missionary		5%	2,000.00
Stetson Fund	For the City Missionary		5%	12,000.00
Wakefield Fund	For the Home for Aged Women, for Widows, for Spinsters over 50 years of age		5%	10,000.00
Coe, T. U. Fund	Same as Wakefield		5%	3,000.00
Pierce, Anna Hayford Fund	Same as Wakefield		4%	4,000.00
Stodder, George T. Fund	Same as Wakefield		5%	11,000.00
Sabine, Lorenzo Fund	For the City Missionary—In Bangor Savings Bank			1,000.00
Cemetery Funds	For Perpetual Care of Lots—In Savings Banks			14,271.60
	Totals			\$278,901.27
				\$312.63

OUTSIDE AUDITOR'S REPORT

May 25, 1934.

City Council, Bangor, Maine.

Gentlemen:

In accordance with your instructions as amplified by the Finance Committee, the scope of the examination by our office of the books of the City of Bangor for the year 1933, authorized by the Council on March 12th, was broadened somewhat from that of previous years, with particular reference to the inclusion of the various subsidiary departments. In accordance with the recent request of your Chairman, we now summarize herewith, for inclusion in the printed City Report, certain of the more salient points shown by our detailed report to you dated April 30, 1934 on file with the City Clerk.

We found routine procedure as a whole such as to set forth various matters without material error and to properly safeguard the interests of the taxpayers; the most striking exceptions to this occurring in the lack of any consistent program for proper correlation of records, activities, etc., as between the office of the City Auditor and the various subsidiary departments, and in the methods employed in handling such accounts on both the City Books and those of the Water Department as those with City Property, Sinking Fund Securities, Inventories and Surplus. These combine to reduce materially the accuracy and value of any balance sheets or statements of gains and losses prepared from the books of the City of Bangor; especially if not based on properly consolidated figures of the City and its Water Department.

Certain of the more important figures submitted to you last month by our office, are shown in somewhat condensed form in the three Exhibits herewith:

Exhibit A. Consolidated Balance Sheet as of December 31, 1933.

Exhibit B. Summary of Cash Receipts and Disbursements, 1933.

Exhibit C. Summary of Appropriations, Expenditures, Revenue and Net Expense, 1933; with Analysis of Taxpayer's Dollar.

All figures in the Exhibits, or elsewhere in this condensed report, are subject to analyses and qualifications contained in detailed report dated April 30, 1934.

During the year just ended the various accounts previously carried on the City Books, which were of the nature of surplus and deficit items and which were in Balance Sheets usually brought together under that head, were closed to the usual "Surplus" Account; including the unliquidated balance in the (so-called) "Suspense" Account in the sum of \$58,957.18. No appropriation was made in 1934 for further liquidation of this "Suspense Account", for which \$19,500 had been appropriated in 1932 and 1933.

During 1933 the surplus shown on the City Books was increased by \$136,414.55; the principal items being the following:

Additions:

Appropriations for "Suspense" Account.....	\$19,500.00
Net Bond Retirement	20,000.00
Revenue Water Loan Sinking Fund.....	20,828.00
Additions to City Property.....	70,932.00
Excess Current Revenue over Expense.....	30,034.00
Other Items	664.00
Total Additions	\$161,958.00

Deductions:

Old Tax Titles and Sewer Assessments.....	\$16,408.00
Adjustments 1932 Additions City Property.....	9,010.00
Other Items	126.00
Total Deductions	\$25,544.00
Net Additions to Surplus during 1933.....	\$136,414.00

We mention below a few of the more pertinent facts to which attention has been called:

(a) Taxes assessed in 1933 exceeded the sum of the net expense of running the City and the "overlays" (reserved for possible future shrinkage in tax collections) by \$30,034.65; which sum was on your books added to the surplus.

(b) 1933 liabilities to the extent of \$210,821.00 were carried over unpaid to 1934 on account of lack of available cash; which sum was greater by \$15,500.00 and \$60,628.00 than items similarly carried over from 1932 and 1931 into succeeding years. This is felt to show a very serious situation; one which is liable to prove very embarrassing in the future and which will eventually require sizable additional tax assessments to overcome.

(c) Money tied up in unpaid taxes and tax titles at the close of 1933 totalled \$182,000.00; greater by \$53,294.00 and \$95,000.00 than at the close of 1932 and 1931 respectively.

(d) The net cost of running the City in 1933 (exclusive of course of state and county taxes) is shown on your books as amounting to \$871,277.00, which sum compares with \$965,936.00 and \$992,469.00 in 1932 and 1931 respectively.

(e) The Water Department showed a total operating revenue during 1933 amounting to \$148,078.00; which, after deducting expenses, etc., left a net profit of \$26,539.45 which was closed to surplus of that department. There is met debit and credit items closed to that account directly resulting in net addition to their surplus during 1933 in the sum of \$10,445.18.

In a supplementary report prepared at your request and dated May 2, 1934, we discussed at length certain matters connected with routine of handling cash, accounts, etc., of the City, and made suggestions as to possible improvements therein.

Very truly yours,

WILLIAM D. HAYES,
Certified Public Accountant.

WDH/D

Exhibit A

CITY OF BANGOR, MAINE

CONSOLIDATED BALANCE SHEET

As shown by books of Record as of Decemoer 31, 1933

ASSETS

	City Books	Water Dept.	Consolidated
Cash Unencumbered	\$ 7,305.30	\$1,177.28	\$8,482.58
Taxes, etc., Owned to City.....	182,248.63		182,248.63
Other Accounts Receivable.....	12,845.16	1,023.58	13,868.74
Sinking Fund Investments.....	522,650.44	463,794.43	525,794.43*
Trust Fund Investments.....	31,063.36		31,063.36
Other Reserved Cash.....	48,648.39	40,378.70	51,539.25*
City Property	4,943,783.03	1,850,859.85	4,784,711.32*
Misc. Assets	10,253.75		10,253.75
Prepaid Expense		2,529.77	2,529.77
Materials and Supplies.....	1,518.75	27,691.04	29,209.79
Total Assets	\$5,760,316.81	\$2,387,454.65	\$5,639,701.62*

LIABILITIES

Accounts Payable	\$39,041.25		\$39,041.25
State & County Taxes Payable (net after offsets).....	173,084.41		173,084.41
Interest Accrued on Bonds.....	7,943.36	1,800.00	7,943.36*
Notes Payable	9,985.00		9,985.00
Bonds Payable	1,230,000.00	635,000.00	1,230,000.00*
Bond Int. and Prin. Payable.....	20,930.00	10,400.00	20,930.00*
Liability to Trust Funds.....	278,901.27		278,901.27
Misc. Fund Liability	1,713.81		1,713.81
Misc. Liabilities	6,475.77	677.60	7,153.37
Total Liabilities	\$1,768,074.87	\$647,877.60	\$1,768,752.47*
Deferred Credits	6,018.22		6,018.22

SURPLUS

Segregated	\$ 549,738.28	\$ 493,773.13	\$ 555,773.13*
Unencumbered	3,436,485.44	1,245,803.92	3,309,157.80*
Total Surplus	\$3,986,223.72	\$1,739,577.05	\$3,864,930.93
Total Surplus, Liabilities and Deferred Credits	\$5,760,316.81	\$2,387,454.65	\$5,639,701.62

Subject to all analyses, qualifications, etc., contained in detailed report dated April 30, 1934, from office of William D. Hayes, C. P. A.

*Duplicated items of Assets and Liabilities eliminated from consolidated figures.

CITY OF BANGOR, MAINE

SUMMARY OF RECEIPTS AND DISBURSEMENTS OF UNENCUMBERED
CASH—1933

Opening Balance, January 1, 1933.....	\$49,480.17
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Receipts:

Taxes, Tax Titles, etc.	\$1,094,390.76	
Motor Excise Taxes	46,468.23	
State Grants, Gifts, etc	80,953.55	
Water Department	155,994.74	
Temporary Loans	700,000.00	
Refunding Bonds	32,000.00	
All Other Sources	64,787.43	
		\$2,174,594.71
		\$2,224,074.88

Disbursements:

1932 Warrants Paid	\$ 39,982.33	
1933 Warrants Paid	2,169,311.82	
Less Check Found Short.....	— .01	
	\$2,209,294.14	
Reserve Cash transferred to separate Accts.	7,010.55	
		\$2,216,304.69

		\$7,770.19
Less Reserve for Checks not presented.....		464.89

Net Closing Bal. Unencumbered Cash, Dec. 31, 1933.....	\$7,305.30
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SUMMARY OF APPROPRIATIONS, EXPENDITURES, REVENUE, NET COSTS TOGETHER WITH APPROXIMATE
DISTRIBUTION OF TAXPAYER'S DOLLAR—1933

Department	Appropriations	Expenditures	Revenue	Net Cost	Distribution Tax Dollar
General Government	\$ 56,894.00	\$54,091.69	\$8,893.38	\$45,198.31	\$3.60
Police	79,500.00	75,821.25	3,194.28	72,626.97	5.60
Fire	101,309.00	95,818.28	1,127.65	94,690.63	7.30
Dog Officer	250.00	191.70		191.70	
Health	12,733.00	12,615.40	218.61	12,396.79	.96
Public Works	137,700.00	135,925.85	152.70	135,773.15	10.46
Public Welfare	116,260.00	118,736.11	9,212.63	109,523.48	8.44
Education	325,000.00	324,969.78	56,177.25	268,792.53	20.71
Library	18,000.00	17,700.00	200.00	17,500.00	1.35
Water	111,160.00	109,590.72	134,990.72	—25,400.00	*
Electrical	33,000.00	30,377.01		30,377.01	2.34
Unclassified	33,725.00	25,724.17		25,724.17	1.98
Cemeteries	2,500.00	2,498.49	400.00	2,098.49	.16
Interest	69,472.00	68,322.38	6,898.10	61,424.28	2.78*
Indebtedness	54,309.00	54,309.10		54,309.10	4.19
Discount and Suspense	31,500.00	30,365.30		30,365.30	2.34
"Non-Revnué" (Improvements)	19,100.00	17,344.47		17,344.47	1.34
Other Revenue			81,659.05	—81,659.03	†
	<u>\$1,202,412.00</u>	<u>\$1,174,401.70</u>	<u>\$303,124.35</u>	<u>\$871,277.35</u>	<u>\$73.55</u>
State and County Tax	264,976.44	264,976.44		264,976.44	22.25
Overlays	24,597.05				1.89
	<u>\$1,491,985.49</u>	<u>\$1,439,378.14</u>		<u>\$1,136,253.79</u>	<u>\$97.69§</u>
Less Revenue		303,124.35			
Net Cost		<u>\$1,136,253.79</u>			
Less Estimated Revenue	301,100.00				
Tax Assessed	<u>†\$1,190,885.49</u>				
* \$25,400.00 excess receipts from Water Department exactly offsets interest on Water Department funds, leaving no net income or expense.					
† Used to reduce proportionately cost of all City departments.					
‡ Taxes Assessed					
					\$1,190,885.49
Less: Expense Running City				\$1,136,253.79	
Overlays (as used for coll. taxes)				24,597.05	
				<u>\$1,160,850.84</u>	
Net Gains Closed to Surplus					\$30,034.65
§ To Surplus \$231.					

