

1878

City of Bangor Mayor's Address, Also, The Annual Reports of the Several Departments, and the Receipts and Expenditures, for the Municipal Year, 1877-78

Bangor (Me.)

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# CITY OF BANGOR.

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MAYOR'S ADDRESS;

ALSO, THE

# ANNUAL REPORTS

OF THE SEVERAL DEPARTMENTS,

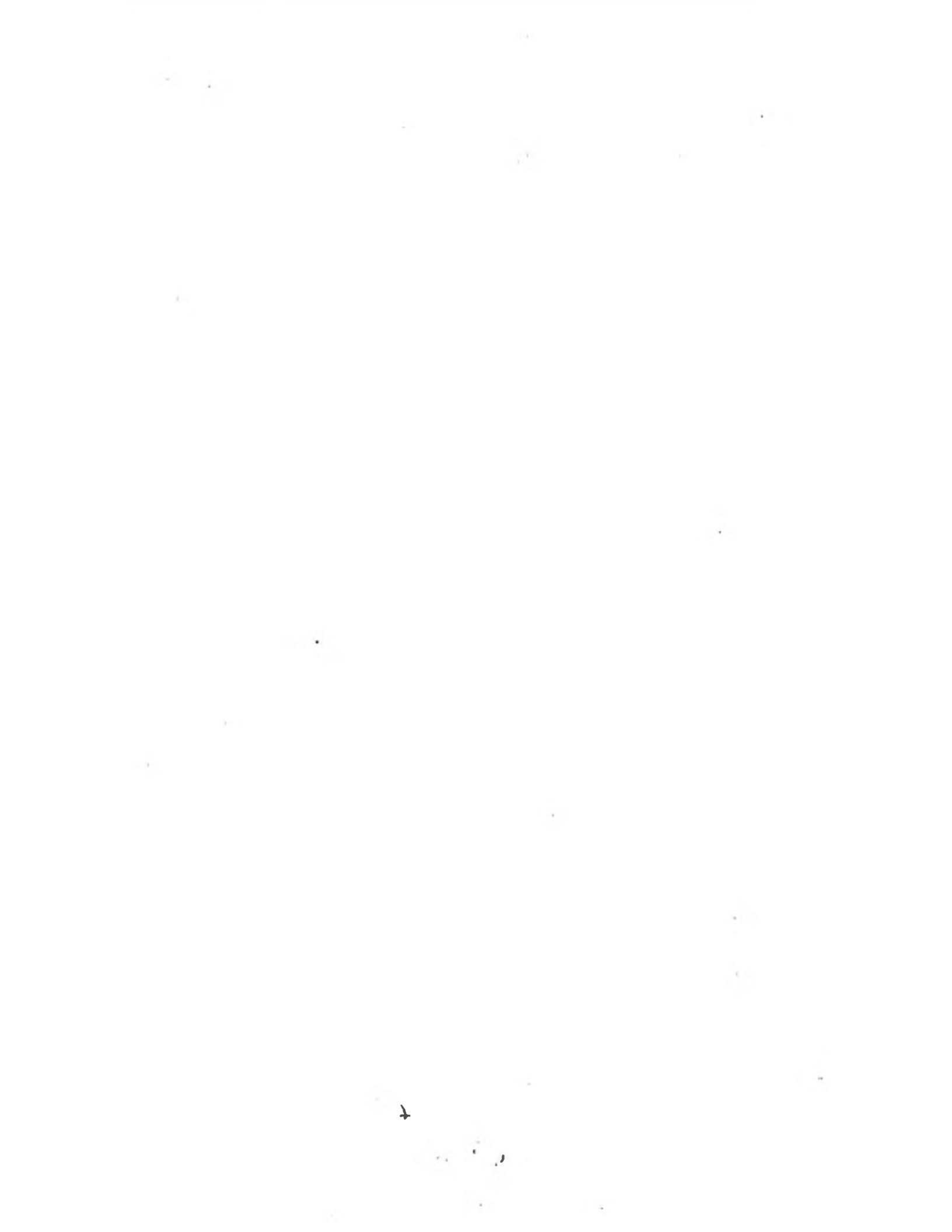
AND THE

RECEIPTS AND EXPENDITURES

FOR THE MUNICIPAL YEAR 1877-'78.



BANGOR:  
BURR & ROBINSON, PRINTERS.  
1878.



# MAYOR'S ADDRESS.

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GENTLEMEN OF THE CITY COUNCIL:

We have assembled to-day for the purpose of taking the oath of office and assuming our duties as members of the City Government of 1878.

We meet, it is true, under financial difficulties, but they are of less degree than those which greeted our predecessors of last year, and which they have considered and encountered with commendable spirit. It is my duty to admit and state with a spirit of fairness, that the obstacles presented to you to-day in our municipal affairs, are really less difficult than those encountered last year. The public mind is more willing to receive propositions of reduction of expense in the various departments, and the severe burden of taxation of last year has lessened the feelings of opposition to the proposed measures of relief. Furthermore, your predecessors, at the commencement of their labors, were embarrassed and staggered with the great burden of \$55,000, which they were obliged to carry as best they could.

To-day, you will find no floating debt to impede your progress, but on the contrary a legacy of \$16,000 to assist

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you in your efforts in economy and the reduction of taxation. This great surplus of money, bequeathed to you by the last City Government, deserves your warmest thanks, and presents a bright and worthy example. Let us not hesitate to render honor to whom honor is due.

Instead of issuing a loan to meet deficiencies and conceal the true rate of taxation, the City Council boldly and properly met the issue squarely by direct taxation, and the result has been greatly to the advantage of the City. Necessity compelled us to make the degree of taxation last year to be 3.35; but with the advantage gained, the rate this year should not exceed 2.50 on the present valuation.

Our tax payers justly complain of the burdens laid upon them by reason of the municipal expenditures, and appear determined at the present time to subordinate all other issues to that of economy and retrenchment.

A very large reduction has been made during the past year in the expenses of the City, amounting to \$36,000 over the previous year; and yet the necessities of the case, and the wishes of the citizens call for a still greater reduction. All public improvements, however desirable, if not absolutely required, must wait for further growth of wealth and population, a diminished debt, and better times. In the examination of the proposed measures of relief, I would respectfully suggest that all matters pertaining to the subject be carefully considered, and that no hasty action be taken. As regards compensations and salaries, we must not forget to make them commensurate with the duties performed. It may be true that persons may be found to fill certain offices at nominal salaries, but incompetency is always dear at any price, and it has generally been found to be poor economy to exchange officers of known integrity and capacity, for persons who have been untried in public affairs. The City might lose more in the at-

tempt to introduce new officers with greatly reduced salaries, than by retaining the old who have been tried, and found capable and true.

It is not in the reduction of the present arranged salaries that much relief is to be experienced in the burden of taxation, but rather from the decrease in the appropriations in the various departments.

And to place these appropriations and reduce the expenditures within reasonable limits without injury to municipal interests, form a perplexing if not a grave question for your consideration. Let your policy be wise, liberal, and far reaching. Insist upon fidelity, economy and strict accountability in every department of government, and banish all visionary schemes.

If we apply ourselves to our municipal labors with a conscientious regard for the public welfare, we shall undoubtedly receive the hearty support of all good and honest citizens.

#### FINANCES.

Let us now take a look at our financial condition. "Happy is the country whose history is a blank," said the witty historian. May we not at the present time, exclaim with equal fervor and truth, happy is the municipality without a credit.

The extravagance of the last twenty years we are now beginning to realize, and also the fact that much of it arises from an excess of credit as well as of confidence. When we take a glance over the condition of some of the cities of the north and the south, the truth of the aphorism becomes at once apparent. After the war the cities of the north were led to a reckless spirit of enterprise, and which, in many instances, has resulted in a condition of embarrassment, if not of disaster.

On the contrary, the cities of the south, supposed to have been ruined by the war and destitute of credit, were com-

pelled to exercise prudence and economy, and are now in better condition than their northern sisters, so far as relative taxation is concerned.

But, alas! experience is like the stern light of a ship at sea—it illumines only the path over which it has passed. Nevertheless it does not become us to complain of the hardships of the times; but rather profit by the experience of the past, and apply its severe lessons to our propositions for the future. I regard the financial exhibit presented to you to-day of our City's condition, to be worthy of praise, when all the obstacles to be overcome are considered.

ABSTRACT TREASURER'S ACCOUNT RENDERED MARCH 14,  
1878.

C H A R G E S .

1877.

March 16.

For balance on hand, per account this date,.....\$16,358 19

1878.

March 14. Receipts for municipal year 1877-8

viz. Water Loan Bonds (at face value,  
as the premium received, \$1,389 17, is

included in credit to the Water Fund,)..... 20,500 00

Treasurer's notes discounted,..... 92,500 00

Collections of taxes, 1878-8, including abate-

ments, and discount for prompt payment,.....329,636 54

Credits as follows, additional to appropriations to various  
funds:

Highway .....	\$1,580 59
Schools .....	10,451 50
Paupers.....	4,394 71
Incidental .....	1,593 27
Fire .....	202 50
Police.....	3,711 71
Sewers.....	3,575 76
Interest.....	4,538 82
City Agency.....	21,674 89
Bangor Water Works.....	13,242 42

1878.]

CITY OF BANGOR.

7

Received from Bangor and Piscataquis R. R. Co., on account coupons on City loan advanced by City .....	\$10,500 00	
Received from E. & N. A. Railway Co., on account advances made in 1875 for coupons on City loan.....	\$9,896 31	
Less amount received for interest and credited in interest account.....	3,377 80	
	<hr/>	6,498 51
Received from State of Maine for amount advanced to State pensioners, 1877.....	1,212 00	
Received for redemption of real estate sold for non-payment of taxes.....	2,886 59	
Amount of Trust Fund from Hon. A. G. Wakefield.....	10,000 00	
	<hr/>	\$555,058 00

CR.

1878.

March 14. By amount of Mayor's orders paid,		
Highway .....	\$21,507 31	
Schools.....	36,352 37	
Pauper.....	26,185 55	
Incidental .....	22,443 57	
Discount on taxes, 1877.....	28,042 31	
Salaries .....	5,089 61	
Fire.....	15,265 93	
Police .....	9,196 13	
Sewers.....	1,550 09	
Water.....	30,760 32	
City Agency.....	18,255 72	
Gas .....	4,918 85	
Interest.....	52,980 21	
Loans.....	147,500 00	
	<hr/>	\$420,047 93
State Tax, 1877.....	30,142 20	
County Tax, 1877.....	26,550 84	
Coupons on City loan to B. & P. R. R. Co.	58,005 00	
State Pensions.....	1,212 00	
Amount paid for redemption of real estate	2,886 59	
	<hr/>	\$538,844 56
Making amount disbursed.....		16,213 44
Cash on hand.....		<hr/>
		\$555,058 00



## COLLECTION OF TAXES.

1878.

March 14. The commitment to the Collector for 1877 was.....	\$344,557 17
Balance uncollected on taxes of 1873-6, as per account rendered March 16, 1877.....	59,778 24
Supplementary taxes collected.....	114 32
Total charged.....	<u>\$404,449 73</u>

The amount paid into the Treasury during year 1877-8,  
including abatements and discounts, was:

For 1873,.....	\$1,384 62
For 1874,.....	1,995 24
For 1875,.....	3,384 22
For 1876,.....	38,194 40
For 1877,.....	284,678 06
	<u>\$329,636 54</u>

Balance remaining uncollected:

For 1873,.....	\$1,015 86
For 1874,.....	2,201 29
For 1875,.....	4,150 18
For 1876,.....	7,518 75
For 1877,.....	59,926 81
	<u>74,813 19</u>

Which balances this account..... \$404,449 73

The above statement shows, notwithstanding the high rate of taxation, and the "stringency of the money market" (as a distinguished gentleman of this city has it), our citizens have paid as large a proportion of the tax assessed, as in previous years at the corresponding season of the year.

## SEWER ASSESSMENTS.

Although no extended sewer has been constructed during the past year, it will be seen that the Treasurer has collected an amount some \$400 in excess of collection of previous year, say,

On sewers built in 1876.....	\$2,724 46
On sewers built prior to 1876.....	851 30
	<u>\$3,575 76</u>

It has been our experience during the past year, that property adjacent to several of our sewers, constructed prior to 1871, and therefore not liable to assessment until connected with the sewers, has been obliged to enter to afford better drainage in connection with the introduction of service pipe from the water works, and we thus have gained several hundred dollars, as an incidental benefit to our treasury attributable fairly to the *water works*. The enforcement of assessments for sewerage, under the law of 1871, (till within two or three years a dead letter) authorizing sale of assessed property, for non-payment, has been of great service to the Treasurer in his efforts to collect this class of charges. The parcels of land assessed for this purpose in 1875 and 1876, on which the amounts remain unpaid, have been sold under the statutes, thus preserving the lien on the estates in favor of the City.

## ASSETS.

Balance due on uncollected taxes as per Collector's statement.....	\$74,813 19
Balance cash as per Treasurer's account.....	16,213 19
Balance due from E. & N. A. Railway, which will undoubtedly be paid during the year. ....	8,000 00
Balance promissory notes secured by mortgage.....	415 00
Balance unpaid assessments for sewerage.....	1,641 30
	\$101,082 68

Nearly all of which is ultimately collectable. Besides the above, there is due the City as follows :

From the Bangor and Piscataquis Railroad Co., for balance of advances for coupons on City loan to said road :

Paid prior to 1873.....	\$65,218 10
Paid prior to 1876.....	22,815 00
Paid prior to 1877 .....	47,505 00
	\$135,538 10

This amount will probably remain unpaid for many years. There are several other claims of great age, and of problematical value, mentioned in former reports, and not necessary to be repeated here.

#### LIABILITIES.

The bonded indebtedness of the City has been increased during the year by the issue of \$20,500 water loan bonds, leaving unsold of the original amount authorized, say \$1,500.

The amount of Bonds outstanding is as follows :

Issued for strictly municipal purposes.....	\$256,000 00
Issued for Water Loan.....	495.500 00
	\$751,500 00

None of the above matures until July, 1879, and December, 1879, when \$10,000.00 is due at each of the respective dates.

The City holds as Trust Funds :

For the Bangor Fuel Society.....	\$1,000 00
Home for Aged Women.....	25,000 00
Children's Home.. . . . .	40,000 00
Bangor Mechanic Association.....	12,000 00
Wakefield Trust.....	10,000 00
Total,	\$88,000 00

This latter fund has been received from the Hon. A. G. Wakefield, as a perpetual trust, the entire income of which, after the fulfilment of conditions precedent, is to be expended under direction of the Mayor and Aldermen for the benefit of needy and deserving women residents in this city, "without distinction of race, color, or religion."

The City has no floating debt of any description.

#### INTEREST.

The amount of interest on bonds and trust funds maturing the present year is \$50,870, of which nearly \$30,000 accrues on the water loan. This amount will be somewhat reduced by net receipts from water service; but the most of it must be raised by taxation.

## RAILROAD LOANS.

This class of our liabilities remain the same in amount as stated in the Treasurer's report one year since.

Passing over the small unsurrendered amount of the loan to the Penobscot and Kennebec road, nominally \$9,000, which will doubtless be easily adjusted whenever the Maine Central Railroad Company are ready to attend to the settlement, it may be said as before of the loan of \$1,000,000 to the European & North American Railway Company, due January 1st, 1894, that the interest coupons are promptly and invariably paid by the Trustees under the second mortgage, and that there is no cause for anxiety that it will ever add to the burdens of our tax payers.

On the loan of \$925,000 to the Bangor and Piscataquis Railroad Company, \$58,005 has been advanced for coupons, and \$10,500 has been paid in by the Company—the balance, say \$47,500, being provided for by taxation in 1877. A large outlay has been made in narrowing the guage of the road and rolling stock, and in improving and adding thereto, and adjusting land damages. This expenditure, which has drawn more than \$20,000.00 from the net earnings of the road, being of an extraordinary nature, it may reasonably be calculated, without making any estimate for increase of receipts, that the Company will be able to provide at least one-half the amount of interest due the present year, thus relieving the treasury of the City, as compared with the past year, more than \$20,000.00.

## BANGOR WATER WORKS.

The amount of water loan bonds authorized by the Legislature is \$500,000.00. Of these have been sold as follows :

In 1875-6, .. .. .	\$300,000 00. ....	netting ....	\$298,695 50
In 1876-7, .. .. .	175,000 00 .. .. .	netting .. .. .	185,275 50
In 1877-8, .. .. .	20,500 00 .. .. .	netting .. .. .	21,889 17
	<hr/>		<hr/>
In all, .. .. .	\$495,500 00. ....	netting .. .. .	\$505,860 17



## Amount received from water rates, etc. :

In 1876-7, .....	\$7,198 55	
Receipts in 1877-8—		
From Geo. H. Bartlett, Clerk, .....	160 75	
Geo. F. Bryant, Clerk, .....	11,675 00	
Sales of barrels, &c., .....	17 50	
		<u>\$19,051 80</u>
Total credits, .....	\$524,911 97	

## EXPENDITURES.

Mayor's orders, 1875-6, .....	\$287,000 00	
“ “ 1876-7, .....	198,808 94	
“ “ 1877-8, .....	30,760 32	
		<u>\$516,069 26</u>
Unexpended balance due Water Board, from Treasury,	8,842 71	
		<u>\$524,911 97</u>

## Resources at disposal of the Water Board:

Amount due from treasury as above, .....	\$8,842 71	
Water loan bonds unsold, .....	4,500 00	
		<u>\$13,342 71</u>

## WATER.

It is incumbent on the Joint Standing Committee on Finance, in accordance with the provisions of the water ordinance, to include in the appropriation to the several departments using water, such amounts as the Water Board shall assess for such use. By adding the amount so assessed to the estimated receipts from private consumers, and deducting this amount from the sum of the interest on the water bonds, and the annual expenses for maintenance and ordinary repairs, we shall ascertain the amount of appropriation requisite for the Water Department. This of course will not change the gross amount of appropriations to all the departments, but simply place upon each its own burdens and credits, and the progress of the water works towards becoming self-sustaining can be more intelligently noted.

## RECEIPTS AND EXPENDITURES IN VARIOUS DEPARTMENTS.

## FUNDS WITH UNEXPENDED BALANCES.

	Appropriations and credits.	Amount expended.	Balance unexpended.
Highway,	\$24,080 59	\$21,507 31	\$2,573 28
Schools,	86,951 50	36,352 37	599 13
Pauper,	28,394 71	26,185 55	2,209 16
Incidental,	23,957 40	22,443 57	1,513 83
Fire,	16,302 50	15,265 93	936 57
Salary,	5,500 00	5,089 61	410 39
Police,	10,711 71	9,196 13	1,515 58
Sewers,	3,575 76	1,550 05	2,025 71
Interest,	54,538 82	52,980 21	1,558 61
City Agency,	21,674 89	18,255 72	3,419 17
Gas,	5,000 00	4,918 85	81 15
	<u>\$230,587 88</u>	<u>\$213,745 30</u>	<u>\$16,842 58</u>

## FUND OVERDRAWN.

			Overdrawn.
Discount on Tax, 1877,	\$27,000 00	\$28,042 31	\$1,042 31
	<u>\$257,587 88</u>	<u>\$241,787 61</u>	<u>\$15,800 27</u>

Showing net balance unexpended, \$15,800.27.

Comparative statement of expenditures in practical departments for 1876-7 and 1877-8:

	Expenditures, 1876-7.	Expenditures, 1877-8.	Less in 1877-8.	More in 1877-8.
Highway,	\$82,389 47	\$21,507 31	\$10,882 16	
Schools,	41,511 66	36,352 37	5,159 29	
Pauper,	25,015 12	26,185 55		1,170 43
Incidental,	25,174 62	22,443 57	2,731 05	
Salary,	7,822 98	5,089 61	2,733 37	
Fire,	17,349 03	15,265 93	2,083 10	
Police,	11,334 16	9,196 13	2,138 03	
Sewers,	12,727 23	1,550 05	11,177 18	
Gas,	5,422 33	4,918 85	503 48	
	<u>\$178,746 60</u>	<u>\$142,509 37</u>	<u>\$37,407 66</u>	
			1,170 23	

Total amount less in 1877-8, than in 1876-7, \$36,237 23

The whole amount saved in compensation paid to subordinate officers in 1877-8, by reduction from 1876-7, is nearly \$8,000.00, a large percentage on the gross amount allowed them.

I will now allude briefly to some of the reports of the various departments, and refer you for further information to the published statements.

#### CITY SOLICITOR.

The report of the City Solicitor exhibits the results of his labors during the year, and which have been more than usual for the period of time. A number of claims against the City in consequence of the flowage of the dam, have been settled, for the account of which, and other unsettled claims, I must refer you to the published report.

#### THE HARBOR MASTER

reports whole number of arrival of vessels to be one thousand six hundred and sixty-three, of which nine ships, ten barques, two barkentines, nine steamers, and one thousand six hundred and thirty-three schooners. He recommends an appropriation for improving the condition of the bed of the Kenduskeag stream.

#### THE SUPERINTENDENT OF SEWERS

returns the amount of money collected for the sewers, as \$3,575.76, of which sum \$1,550.05 was expended in repairs and new constructions, leaving as a balance in favor of the department, of \$2,025.71. It is probable that a small appropriation will be required during the present year to meet requirements of the service.

#### THE CITY AGENCY

reports the expenditure of about \$16,000 in the purchase of liquors, with a profit of about \$2,000 in the sale thereof.

## SCHOOLS.

The reports of the School Committee and the School Agent will give you much valuable information on the condition of the schools. It appears that in the reduction of salaries alone, a saving of \$5,000 has been effected without impairing the efficiencies of the school system. The entire school department is undoubtedly in excellent condition, and much of it is due to the ability of the present School Committee, and the untiring zeal of Mr. Bradbury, who has acted as School Agent, and performed his duties with great fidelity.

For the particulars relating to the department, I must refer you to the reports.

## STREETS.

The Street Commissioner states that his expenditures on the streets and highways have been the lowest for the past eleven years; and believes that the expense for the ensuing year ought not to exceed \$12,000 or \$15,000, if no exigencies arise. He returns an unexpended balance of \$2,500, which is a pleasing proof of the ability with which he has conducted his affairs.

## WATER BOARD.

The exhaustive report of the Board will give you much information concerning the water works. It appears that the income from the use of the water in various ways amounted to over \$12,000 for the past year, still leaving a deficiency of over \$20,000 in the matter of interest on the construction of the works and running expenses. But in offset to this deficiency, we enjoy a feeling of security for ourselves and property which cannot be estimated in money.

The saving on insured property along the lines of pipes is large; and the remarkable health of the city during the past year, may in part be ascribed to the introduction and use of the Holly water.



The income from the use of water, will, I hope, steadily increase so that in a few years the works may become self-sustaining. We have still remaining on hand over \$13,000 available funds to complete the works and meet liability for damage.

#### POLICE.

Mr. Low submits several reports of his labors as City Marshal, Truant Officer and Health Officer, to which I must refer you for particulars.

The whole number of arrests by the police have been eight hundred and twenty-six, of which three hundred and eighty-five were for drunkenness.

The Chief reports his force to be in excellent condition, and that it will compare favorably with those of other cities of corresponding size.

As we are dependent upon our policemen for the enforcement of good order and the protection of person and property, it seems to me that their continuance in office should depend upon good behaviour and efficiency, and should be entirely independent of political caprice. There are, comparatively, but few men among us who possess the qualities required for the police officer, such as good character, temperate habits, health, courage, promptness to obey, and readiness to submit to discipline.

#### OVERSEERS OF THE POOR.

The report of the Overseers exhibits an unexpended balance of over two thousand dollars out of the appropriation and credits of \$28,392,51. To this balance may perhaps be added the further sum of about \$1,500 due from other towns. The whole number of persons supported in whole or in part, has been sixteen hundred and eighty-five, of which number two hundred and thirteen have been cared for at the Alms House; twenty-two in the Insane Hospital; sixty-two in other towns;

two at the Children's Home, and three at the Jail. The number of persons remaining at the Alms House on the first of March was one hundred and five. On account of the resignation of Mr. Jewett, as Superintendent of the City Farm and Alms House, Mr. and Mrs. Ashur S. Sands were appointed to fill the vacancies. Among the suggestions in the report of the Overseers, is one for the furnishing of labor to all persons who are obliged to become paupers temporarily from want of work. If this suggestion could be carried out, much expense would be saved to the City.

The labors of the Overseers for the past year have been to my personal knowledge excessive, and it gives me great pleasure to testify to their constant attention to business, and their almost unrequited efforts to perform faithfully the duties entrusted to their care.

#### FIRE DEPARTMENT.

The report of the Chief Engineer of the Fire Department, shows the department to be in excellent condition and worthy of the commendation of the public. The means at our disposal for the prevention and subjection of fire are ample. We have besides the one hundred and fifty-one hydrants connected with the water works, three steam engines and two hand engines kept in reserve, besides the chemical engine known as the Babcock, and the Hook and Ladder Company.

To meet the requirements of the service, there is also a sufficient supply of leather, linen and cotton hose, in good condition.

The number of men employed and paid in the department is between seventy and eighty in all, and are well selected for the duties required of them. Besides the above mentioned is a volunteer company of fifteen men at Cottageville, who serve without pay. The material of this company is of the very best class, and it is deserving of public commendation.

We have been remarkably exempt from destructive fires during the past year. The loss by fire and water during this period is estimated at \$9,575.00, of which \$7,850.00 was covered by insurance.

#### NOTES.

The question of the change of the ward lines has been during the past year a special theme of discussion among our citizens, and has led to misunderstanding and ill feeling among the people, if it has not actually injured the interests of the City.

I would therefore recommend that the subject of the revision of the wards meet with your prompt consideration, and that it be reviewed and entertained in an impartial spirit; that you consult the interests of the City without regard to the importunities of either political party. Let there be a fair decision, showing all proper respect to the minority, as well as the authority of the majority.

There is in our community a noble, generous public spirit which has been evinced on more than one occasion, and it may be proper for me to allude to the last instance, that it may become a part of the record of the history of the City.

After the terrible conflagration in our sister city of St. John, an appeal for aid came from the unfortunate sufferers.

Our citizens, deeply moved with compassion, instantly sprang to the work of succor. A train of cars laden with food of all kinds was immediately sent, and was the first to arrive at the scene of distress. In the mean time a public meeting of our citizens was held, and in a few hours quite ten thousand dollars or its equivalent was raised. The magnitude of this sum becomes the more apparent when it is compared with the gifts of larger and more opulent cities, and the financial condition of our citizens is considered.

This act of humanity and generosity will always be remembered as one of the most glorious impulses in the history of Bangor; and it beautifully illustrates the remark, "A touch of nature makes the whole world kin."

#### CONCLUSION.

In conclusion let me assure you that in our financial condition there is no great cause for anxiety. We are suffering, it is true, from a depression in business, and consequent depression in the value of property, but this condition extends all over the country and to other nations. Prosperity will soon return again to commerce and manufacture, and we will undoubtedly receive our share of benefits. We have many advantages to make us contented—an intelligent and law-abiding population—excellent schools, good water, a healthy climate, and favorable water and railroad facilities. Our geographical position commands a large and fertile agricultural region, and we are yet one of the chief lumber marts of the country. Therefore, when we come to look around us and examine our resources, we should take new courage, and await patiently the dawning of better and brighter times.

A. C. HAMLIN,

Mayor.





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TREASURER'S REPORT.

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# TREASURER'S REPORT.

DR. JOHN L. CROSBY, Treasurer,

1877.

March 16.

For balance of cash on hand, as per account rendered this day..... \$16,358 19

1878.

March 14. Receipts for municipal year 1877-8, viz: From sale of Water Loan Bonds ..... 20,500 00

(At face value, the Premium \$1,889 17, being credited to water department below.)

From Treasurer's notes..... 92,500 00

John L. Crosby, Collector of taxes, including abatements and discounts as per his ac't, this day rendered, viz:

For 1873,..... \$1,384 62

For 1874,..... 1,995 24

For 1875,..... 3,384 22

For 1876,..... 38,194 40

For 1877,..... 284,678 06

\$329,636 54

From credits to following funds additional to appropriation, viz:

Highway..... \$1,580 59

Schools..... 10,451 50

Paupers..... 4,394 71

Incidental..... 1,593 27

Fire..... 202 50

Police..... 3,711 71

Sewers..... 3,575 76

Interest..... 4,538 82

City Agency..... 21,674 89

Bangor Water Works..... 13,242 42

64,966 17

From Bangor and Piscataquis R. R. Co., on account advances for interest coupons on City loan.....

10,500 00

European and North American Railway Co., on account advances in 1875, for coupons on City loan.....

\$9,896 31

Less allowed by Road for balance interest to March 11, 1878, and included in credit to Interest Fund.....

3,397 80

6,498 51

Amount received from State of Maine for advances to State pensioners, for 1877

1,212 00

Received for redemption of real estate sold for non-payment of taxes.....

2,886 59

from Hon. A. G. Wakefield by order City Council, Trust Fund.....

10,000 00

\$555,058 00

## In account with the CITY OF BANGOR, Cr.

1878.

March 14.

By amount disbursed for municipal year		
1877-8, by Mayor's orders on the several		
funds, viz:		
Highway .....	\$21,507 31	
Schools.....	36,352 37	
Pauper.....	26,185 55	
Incidental .....	22,443 57	
Discount on taxes, 1877.....	28,042 31	
Salaries .....	5,089 61	
Fire.....	15,265 93	
Police .....	9,196 13	
Sewers.....	1,550 05	
Water.....	30,760 32	
City Agency.....	18,255 72	
Gas .....	4,918 85	
Interest.....	52,980 21	
Loans.....	147,500 00	
	<hr/>	\$420,047 93
Paid tax for 1877 to State of Maine.....		30,142 20
“ “ “ County of Penobscot.....		26,550 84
Coupons on City loan to B. & P. R. R. Co.		58,005 00
State Pensions, quarterly, to 37 pensioners,		
residents of Bangor.....		1,212 00
amount rec'd for redemption of real estate		
sold for non-payment of taxes, refunded		
to purchasers of same at tax sales.....		2,886 59
		<hr/>
		\$538,844 56
Balance as follows:		
At Kenduskeag National Bank, Bangor.....	\$11,000 00	
Merchants National Bank, Boston.....	2,426 45	
Cash on hand.....	2,786 99	
	<hr/>	16,213 44
To the City Council. Respectfully submitted.		\$555,058 00

JOHN L. CROSBY, Treasurer.

Bangor, March 14, 1878.

BANGOR, March 18th, 1878.

The foregoing account of the City Treasurer for the municipal year 1877-8, on examination appears fully vouched and correctly stated.

S. C. HATCH. { Appointed by City  
Council to examine  
this account.

## Detailed Statement of the Standing of the Several Funds, 1877-8.

## HIGHWAY.

For amount of Mayor's orders.....	\$21,507 31	
Unexpended balance .....	2,573 28	
By appropriation.....		\$22,500 00
Received for concrete walks.....		355 87
horses sold .....		160 00
swine " .....		84 30
gravel and other material .....		75 87
use of teams.....		15 00
from Pauper Dep't, for manure ...		225 00
Sewer " labor .....		216 00
Water " " .....		448 55
	<u>\$24,080 59</u>	<u>\$24,080 59</u>

## SCHOOL.

For amount of Mayor's orders.....	\$36,352 37	
Unexpended balance.....	599 13	
By appropriation.....		\$26,500 00
received of State of Maine, viz:		
school fund, 1877.....		3,575 67
mill tax " .....		5,713 90
high school fund, 1877.....		500 00
S. P. Bradbury agent, for tuition collected from pupils belong- ing to other towns.....		132 22
same for books sold, repairs, etc.		29 71
balance returned unexpended of previous years.....		500 00
	<u>\$36,951 50</u>	<u>\$36,951 50</u>

## PAUPER.

For amount of Mayor's orders.....	\$26,185 55	
Unexpended balance.....	2,209 16	
By appropriation.....		\$24,000 00
received from Overseers of the Poor, from town and persons.. ..		3,584 54
received from sale of boilers.....		205 00
hay to Highway dep't, city farm products...		157 00
381 19		
Jona. Burbank, sundry collec- tions.....		54 78
order No. 985, drawn in dupli- cate, .....		12 20
	<u>\$28,394 71</u>	<u>\$28,394 71</u>

1878.]

## CITY OF BANGOR.

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## INCIDENTAL.

For amount of Mayor's orders.....	\$22,443 57	
Unexpended balance.....	1,513 83	
By appropriation.....	\$12,500 00	
for overlayings... ..	9,864 13	
		\$22,364 13
Received for licenses on dogs.....		453 00
exhibitions.....		97 00
billiards.....		20 00
rent of City Hall.....		315 50
building on Court-st....		250 00
house on Fourth st.....		113 00
sale of building.....		15 00
grass.....		16 00
liquor packages from Sheriff,		57 25
legal costs and fees....		71 31
advertising non-resident taxes...		22 50
tax for 1877, collected in advance,		37 00
charged State of Maine, on account		
rent of armory.....		100 00
same, railroad tax, 1876.....		25 71
	\$23,957 40	\$23,957 40

## FIRE.

For amount of Mayor's orders.....	\$15,265 93	
Unexpended balance.....	936 57	
By appropriation.....		\$16,000 00
cash received from city of Augusta, for use		
of steamer.....		124 00
cash rec'd of O. D. Maddox, for sale of hose,		74 00
order No. 498 drawn in duplicate.....		4 50
	\$16,202 50	\$16,202 50

## SALARY.

For amount of Mayor's orders.....	\$5,089 61	
Unexpended balance... ..	410 39	
By appropriation.....	\$5,500 00	\$5,500 00

## POLICE.

For amount of Mayor's orders.....	\$9,196 13	
Unexpended balance.....	1,515 58	
By appropriation .....		\$7,000 00
costs, etc., received from City Marshal....		544 37
County Treasurer,		1,166 23
Police Judge....		2,001 11
	<u>\$10,711 71</u>	<u>\$10,711 71</u>

## SEWERS.

For amount of Mayor's orders.....	\$1,550 05	
Unexpended balance.....	2,025 71	
By collections of assessments on account of sewers constructed prior to 1876 .....		\$851 30
Same on sewers constructed in 1876.....		2,724 46
	<u>\$3,575 76</u>	<u>\$3,575 76</u>

## INTEREST.

For amount of Mayor's orders.....	\$52,980 21	
Unexpended balance.....	1,558 61	
By appropriation.....		\$50,000 00
received of Trustees of European and North American Railway Co., interest to March 11, 1878, on amount advanced by City in June, 1875.....		3,397 80
accrued on water loan bonds sold.....		229 32
rec'd from Treasurer County of Penobscot on payment of County tax in advance,		297 09
received of Kenduskeag National Bank on deposits.....		488 76
received on non-resident tax of 1876... ..		45 62
received from sundry persons.....		59 23
received on D. Mehegan's note.....		21 00
	<u>\$54,538 82</u>	<u>\$54,538 82</u>



## CITY AGENCY.

For amount of Mayor's orders.....	\$18,255 72	
Unexpended balance.....	3,419 17	
By cash received of Fred. C. Morrill, Agent..		\$3,542 20
“ “ W. Z. Clayton . . . . .		18,000 00
“ “ E. P. Chase, State Agent for liquors returned.....		132 69
	<u>\$21,674 89</u>	<u>\$21,674 89</u>

## BANGOR WATER WORKS.\*

For amount of Mayor's orders.....	\$30,760 32	
By amount received of Geo. H. Bartlett, Clerk,		\$160 75
“ “ Geo. F. Bryant, Clerk,		11,675 00
“ premium on \$20,500.00, water loan bonds sold.....		1,389 17
“ sales of barrels, table, etc.....		17 50
“ “ water bonds, face value,		20,500 00
“ balance due from March 16, 1877,		5,860 61
“ balance due from Treasury to Water Works, this date.....	8,842 71	
	<u>\$39,603 02</u>	<u>\$39,603 02</u>

\*For statement of financial standing of this Department from inception of this work, see a subsequent page of this Report.

## TEMPORARY LOANS.

For amount of Mayor's orders.....	\$147,500 00	
By appropriation.....		\$82,000 00
balance paid from other sources.....		65,500 00
	<u>\$147,500 00</u>	<u>\$147,500 00</u>

## G A S .

For amount of Mayor's orders.....	\$4,918 85	
Unexpended balance.....	81 15	
By appropriation.....	<u>\$5,000 00</u>	<u>\$5,000 00</u>



## DISCOUNT ON TAXES, 1877.

For amount of Mayor's orders.....	\$28,042 31	
By appropriation .....		\$27,000 00
balance in excess of appropriation,		1,042 31
	<u>\$28,042 31</u>	<u>\$28,042 31</u>

## Recapitulation of Standing of Funds for 1877-8.

## FUNDS WITH UNEXPENDED BALANCES.

	Appropriations and credits.	Amount expended.	Balance unexpended.
Highway,	\$24,080 59	\$21,507 31	\$2,573 28
Schools,	36,951 50	36,352 37	599 13
Pauper,	28,394 71	26,185 55	2,209 16
Incidental,	23,957 40	22,443 57	1,513 83
Fire,	16,202 50	15,265 93	936 57
Salary,	5,500 00	5,089 61	410 39
Police,	10,711 71	9,196 13	1,515 58
Sewers,	3,575 76	1,550 05	2,025 71
Interest,	54,538 82	52,980 21	1,558 61
City Agency,	21,674 89	18,255 72	3,419 17
Gas,	5,000 00	4,918 85	81 15
	<u>\$230,587 88</u>	<u>\$213,745 30</u>	<u>\$16,842 58</u>

## FUND OVERDRAWN.

			Overdrawn.
Discount on Tax,			
1877,	\$27,000 00	\$28,042 31	\$1,042 31

## SUMMARY.

Funds with unexpended balances to amount of overdrawn.....	\$16,842 58 1,042 31
Net unexpended balance.....	<u>\$15,800 27</u>

It will be seen that an unexpended balance remains to the credit of all funds above referred to, with the single exception of the discount for taxes, which is accounted for by reason that the citizens have paid a larger portion of the tax for 1877, than was anticipated at the time of making the estimate.

**Statement of Dues to the City of Bangor, March 14, 1878.**

Balance due on taxes, as per acc't of John L. Crosby, Collector, 1873-1877, submitted this day herewith, viz:		
For year 1873.....	\$1,015 86	
1874.....	2,201 29	
1875.....	4,150 48	
1876.....	7,518 75	
1877... ..	59,926 81	
	<hr/>	\$74,813 19
Cash on hand as per preceding statement, including bank balances in Bangor and Boston, Balance, as cash March 11, 1878, on amount advanced to pay coupons on city loan to European & North American Railway Co. July 1, 1875.....		16,213 44
Balance due from Bangor & Piscataquis Railroad Company as follows, viz:		
Note of Consolidated E. & N. A. R. Co., given to City for coupons on B. & P. City loan paid prior to April 1, 1873, being date of said note .....	\$65,218 10	
Amount of coupons on City loan to B. & P. R. Co., paid from Treasury, 1876-7, \$25,315 00 less paid to City same year by Co., 2,500 00	<hr/>	22,815 00
Am't of coupons on same paid, 1877-8, 58,005 00 less paid to City, 1877-8,.....\$10,500 00	<hr/>	47,505 00
	<hr/>	\$185,538 10
Notes secured by mortgage, viz:		
David Mehegan, int. paid to Jan'y 1, 1878,	\$800 00	
George W. Hill.....	115 00	
	<hr/>	415 00
Unpaid assessments for sewerage, 1876.....	\$734 88	
Same, 1875.....	559 93	
	<hr/>	\$1,294 81
The real estate assessed for these amounts has been sold under the statute, and the City's lien preserved:		
Unpaid assessments and charges on sewers constructed previously to 1875 .....		\$346 49

There are also other charges of this nature, mostly prior to 1873, the value of which is uncertain, but from which collections may be made as opportunity favors.

A particular description of other claims of long standing, and indefinite value may be found in the Treasurer's annual report for 1873-4. The City also owns 4,000 shares in the Bangor & Piscataquis Railroad Company, of the par value of \$200,000.00. Its real value is uncertain, except as affording the privilege to the City of choosing the Directors of the road.

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**Valuation of the City of Bangor, 1877.**

Real estate of residents.....	\$6,190,976	00
"        non-residents...	512,551	00
	\$6,703,527	00
Personal estate of residents....	\$3,139,148	00
"        "        non-residents,	63,425	00
	\$3,202,573	00
	\$9,906,100	00
Municipal real estate, including Water Works,		756,000 00
		\$10,662,100 00

Statement of Liabilities of the City of Bangor, March, 1878.  
**BONDED INDEBTEDNESS.**

Loan.	When Issued.	When due.	Numbers of Bonds.	Denomination.	Amounts.
C,	July 19, 1859,	July 19, 1879,	1, 2, 4, 7, 8, 9, 11, 12,	\$1,000 00	\$8,000 00
"	" "	" "	3, 5, 6, 10,	500 00	2,000 00
D,	Dec. 15, 1858,	Dec. 15, 1879,	1—10,	1,000 00	10,000 00
R,	July 27, 1861,	July 27, 1881,	1—4, 17, 18,	500 00	3,000 00
"	" "	" "	5, 6, 7, 8—16,	1,000 00	12,000 00
H,	June 14, 1862,	June 14, 1882,	1—10,	1,000 00	10,000 00
S,	Aug. 12, 1862,	Aug. 12, 1882,	1—11,	1,000 00	11,000 00
V,	May 1, 1865,	May 1, 1885,	1—50,	1,000 00	50,000 00
A,	Sept. 1, 1872,	Sept. 1, 1892,	1—50,	1,000 00	50,000 00
X,	Jan. 1, 1874,	Jan. 1, 1894,	1—100,	1,000 00	100,000 00
Water loan					
L,	July 1, 1875,	July 1, 1905,	1—325, 376, 455, 496, 542,	1,000 00	452,000 00
"	" "	" "	326—375, 456—492,	500 00	43,500 00
					\$751,500 00

All the above Bonds bear interest at six per cent. (except Loan A, due 1882, which is at seven per cent.) payable semi-annually. The coupons being provided for at the Merchants National Bank, Boston, and at the office of the City Treasurer in Bangor, at the holder's option.

1878.]

CITY OF BANGOR.

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**Trust Funds held by the City.**

For the Bangor Fuel Society.....	\$1,000 00
Home for Aged Women.....	25,000 00
Children's Home.. . . . .	40,000 00
Bangor Mechanic Association.....	12,000 00
Wakefield Trust for Indigent Women.....	10,000 00
	<hr/>
Total,	\$88,000 00

Since my last annual report, the City has received from the Hon. Albert G. Wakefield, the sum of ten thousand dollars, to be held by the City as a perpetual trust, the entire income of which, after the fulfilment of conditions precedent, is to be expended under the direction of the Mayor and Aldermen, for the benefit of needy and deserving women, residents of this City, "without distinction of race, color or religion."

The City has no temporary loan, or floating indebtedness of any nature, except the usual monthly bills which will be presented and paid in April, 1878.

**Statement of Interest on Bonds and Trust Funds, Due in the  
Municipal Year 1878-9.**

## ON BONDS.

May 1, 1878.....	\$1,500 00	Nov. 1, 1878.....	\$1,500 00
June 14, " .....	300 00	Dec. 14, " .....	300 00
" 15, " .....	300 00	" 15, " .....	300 00
July 1, " .....	17,865 00	Jan. 1, 1879.....	17,865 00
" 19, " .....	300 00	" 19, " .....	300 00
" 27, " .....	450 00	" 27, " .....	450 00
Aug. 12, " .....	330 00	Feb. 12, " .....	330 00
Sept. 1, " .....	1,750 00	March 1, " .....	1,750 00

## ON TRUST FUNDS.

April 1, 1878.....	\$750 00	Oct. 1, 1878.....	750 00
July 1, " .....	330 00	Jan. 1, 1879.....	330 00
Sept, 1, " .....	1,560 00	March 1, " .....	1,560 00
	<hr/>		<hr/>
	\$25,435 00		\$25,435 00
	Brought over,		25,435 00
		Total,	<hr/>
			\$50,870 00



**Statement of Loans in aid of Railroad Corporations.**

The outstanding bonds of the City issued for this purpose, are as follows:

To the Penobscot and Kennebec Railroad Company.

Balance of \$800,000 00 Loan, unreturned..... \$9,000 00

These bonds were due in October, 1874. It is presumed that they have been paid by the Maine Central R. R. Co. We await their return, and on settlement with this Company, the mortgages of the Road, to the City will be cancelled.

To the European and North American Railway Co.

Six per cent. bonds No. 1 to 1,000, \$1,000 each, due January 1, 1894 .....\$1,000,000 00

The semi-annual Coupons on this loan are uniformly provided for by the Trustees of this Railway, without the aid of the City. They have been paid for the past year at the Kenduskeag National Bank in Bangor, and the Merchants National Bank in Boston. No anxiety exists that this loan will ever become a burden to the tax-payers.

To the Bangor and Piscataquis Railroad Company.

Six per cent. Bonds, No. 1 to 500, \$1,000 each,.....	\$500,000 00
“ “ “ 501 to 700, 500 each,.....	100,000 00
Seven “ “ “ 1 to 325, 1,000 each,.....	325,000 00

All due April 1, 1899. \$925,000 00

The coupons on this loan (to the Bangor & Piscataquis Railroad Company,) have been paid from the City Treasury the past year. The Company has returned from their earnings to the City, the sum of \$10,500 00, leaving the balance paid by the City about \$48,000, which was included in the tax of 1877. A large outlay has been made in narrowing the guage of the road and rolling stock, and in improving and adding thereto, and in adjusting land damages. This expenditure, which has drawn more than \$20,000 00 from the net earnings of the road, being of an extraordinary nature, it may reasonably be calculated without making any estimate for increase of receipts, that the Company will be able to provide at least one-half the amount of interest due the coming year, thus relieving the treasury of the City to that extent.

We may hope for a further and gradual diminution of this draft on our tax payers, as general business revives, and the capabilities of the road are developed. Meanwhile, the coupons on the City loan are provided for at the Merchants National Bank in Boston, and at the City Treasurer's office in Bangor.

## Statement of Financial Condition of Bangor Water Works.

1878.

Mar. 14. By water loan bonds sold thus:

In 1875-6,	\$300,000 00,	netting,	\$298,695 50	
1876-7,	175,000 00,	"	185,275 50	
1877-8,	20,500 00,	"	21,889 17	
			<u>          </u>	\$505,860 17

Amount received from water rates, etc., 1876-7, \$7,198 55

" in 1877-8, viz:

From Geo. H. Bartlett, Clerk	\$160 75		
Geo. F. Bryant, "	11,675 00		
sales of barrels, etc.,	17 50	\$11,853 25	
		<u>          </u>	19,051 80

Total credit to date,

For amount charged, viz: \$524,911 97

Mayor's orders paid, 1875-6,	\$287,000 00
1876-7,	198,308 94
1877-8,	30,760 32

\$516,069 26

Balance due Water fund from Treasury, 8,842 71

\$524,911 97

Available resources of Water Department, March 14, 1878:

Above balance in Treasury,	\$8,842 71
Water loan bonds unsold,	4,500 00
	<u>          </u>
	\$13,342 71

It is incumbent on the Joint Standing Committee on Finance, in accordance with the provisions of the water ordinance, to include in the appropriation to the several departments using water from the mains of the water works, such amounts as the Water Board shall assess for such use. By adding the amounts thus assessed, to the estimated receipts from other consumers, and deducting this amount from the sum of the annual interest on the water loan bonds, and the expenses for maintenance and ordinary repairs, we shall ascertain the requisite appropriation for the Water Department. This of course will not change the gross amount of appropriations to all the departments, but will simply place upon each its own burdens and credits, and the progress of the Water Works towards a self sustained position, can be more intelligently noted. It has been our experience during the past year, that property adjacent to several of our sewers, constructed prior to 1871, and therefore not liable to assessment until connected with the sewers, has been obliged to enter to afford better drainage in connection with the introduction of service pipe from the water mains, and the treasury has thus received several hundred dollars, an incidental benefit, fairly attributable to the Water Works.

The action of the City Council of the past year, in resolutely providing for the payment of all maturing liabilities, as well as for the current expenditures, has prevented the embarrassment of the new Council by a floating debt, such as confronted their immediate predecessors. And the promptness with which so large a proportion of the onerous tax of 1877, has been paid by our citizens, gives renewed evidence that our good City takes no step backward in fulfilling every obligation at whatever necessary cost. Commencing the new year, with nothing to provide for but the current obligations and expenses of the year, and with the public desire for a general reduction in municipal expenditures, the road through retrenchment, to a largely reduced rate of taxation, is open and easy.

JOHN L. CROSBY,  
Treasurer.

Bangor, March 14, 1878.



DR. JOHN L. CROSBY, Collector.  
1877.

March 16. For balance of commitments of  
taxes, as per account rendered this day, viz:

For 1873.....	\$2,400 48
1874.....	4,196 53
1875.....	7,510 08
1876.....	45,671 15
	<hr/>
	\$59,778 24

Oct. 10. Commitment of tax for 1877, viz:

Appropriation to Highway fund .....	\$22,500 00
School " .....	26,500 00
Pauper " .....	24,000 00
Fire " .....	16,000 00
Police " .....	7,000 00
Salary " .....	5,500 00
Interest " .....	50,000 00
Gas " .....	5,000 00
Loans " .....	82,000 00
Incidental " .....	12,500 00
Overlayings and fractions....	9,864 13
Discount on taxes.....	27,000 00
	<hr/>
	\$287,864 13
State tax.....	30,142 20
County tax.....	26,550 84
	<hr/>
	\$344,557 17

1878.

Mar. 12. Supplementary collections for 1875,	\$24 62
"                    "          1876,	42 00
"          commitment, 1877,	47 70
	<hr/>
	114 32
	<hr/>
	\$404,449 73

1878.]

## CITY OF BANGOR.

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In account with the CITY OF BANGOR, Cr.

1878.

March 14. By amounts paid J. L. Crosby,  
Treasurer, from March 16, 1877, to date, viz:

Amount collected on tax of 1873...	\$135 41	
Abatements allowed on tax of 1873, as per certificate of Assessors,	1,249 21	\$1,384 62
	<hr/>	
Amount collected on tax of 1874....	\$414 26	
Abatements allowed on same.....	1,580 98	1,995 24
	<hr/>	
Amount collected on tax of 1875...	\$1,337 44	
Abatements allowed on same.....	\$2,060 48	
Less that part of said abatements refunded in cash to tax-payers..	13 70	2,046 78
	<hr/>	3,384 22
Amount collected on tax of 1876...	\$36,588 57	
Abatements allowed on same.....	\$2,046 99	
Less portion refunded in cash.....	441 16	1,605 83
	<hr/>	38,194 40
		\$255,192 96
Abatements allowed on same.....	\$1639 13	
Less portion refunded in cash.....	196 34	1,442 79
	<hr/>	
Discount allowed for prompt payment, as per vote of City Council....	28,042 31	284,678 06
	<hr/>	
Balance of taxes remaining uncollected.		
For 1873,.....	\$1,015 86	
For 1874,.....	2,201 29	
For 1875,.....	4,150 18	
For 1876,.....	7,518 75	
For 1877,.....	59,926 81	74,813 19
	<hr/>	\$404,449 78

Respectfully submitted,

JOHN L. CROSBY,  
Collector.

Bangor, March-14, 1878.

# REPORT

OF THE

## SUPERINTENDING SCHOOL COMMITTEE.

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TO THE CITY COUNCIL OF BANGOR:

GENTLEMEN:—The work of the Superintending School Committee for the year 1877-8, will be briefly sketched under the following heads:

### RETRENCHMENT.

The first important matter that engaged the attention of the Superintending School Committee was the subject of retrenchment. Sharing in common with the citizens of Bangor, the feeling that the exigencies of the times demanded a special economy in the management of the school funds, we have, from the first, acted cordially with the suggestions and recommendations of the City Government, and endeavored to reduce the expenditures of the School department as far as possible, consistent with the vital interests of the schools. We have sought to escape the two dangers equally destructive, insufficient and overpruning. By dispensing with the services of special teachers in Penmanship, Music and French, uniting the two Grammar schools under Mr. Robinson, and the reduction of salaries, we have succeeded in effecting a saving of about five thousand dollars from the expenses of the

previous year. This has been accomplished without positive injury to the schools. The two Grammar schools have prospered finely under the new arrangement, while in the branches above named, where it was thought by some that the efficiency of the schools would be seriously impaired, the change has resulted not unfavorably.

#### EXAMINATIONS.

Four written examinations have been held by the Committee during the year. We early became aware of the fact that many of the teachers were, contrary to law, teaching without certificates. To obviate this difficulty, and personally to acquaint ourselves with the qualifications of the teachers, an examination was early held. The result was that with a few exceptions, the teachers were found competent, and were elected to their former positions.

To fill vacancies occurring from time to time in the several grades, a large number of applicants were examined. To those who passed the examinations successfully, certificates were granted, and from them selections have been made.

Mr. Dame, the principal of the High school having tendered his resignation, it became necessary to look for a successor. The position was eagerly sought, and a number of worthy persons presented themselves to compete for it. After a prolonged and severe examination in July, creditable alike to the successful and defeated candidates, Mr. Jordan, of Tufts College, was selected for the position. Viewing his work now, after the lapse of nearly a year, we feel confident that the choice was an admirable one.

Candidates for admission to the High school, passed the usual written examination, and forty were admitted without conditions, and twenty-five with conditions.

#### DIPLOMAS.

In view of the injustice of allowing scholars, unequal in application and labor, to graduate with equal honors, the Committee have refused to grant diplomas to any graduates from the High school, who have not completed the full course prescribed therein.

## TEXT BOOKS.

Few changes have been made in the text books during our administration. The only important one was "Whitney's Elements of English Grammar." This was made on a basis so favorable to the city that no excuse would have been left us had we denied entrance to so popular and so valuable a work.

## TWO SESSIONS.

Aside from the High school, the schools have had two sessions each day throughout the year, with the exception of Wednesday and Saturday. The old custom by which the teacher was made a barometer, was so susceptible of abuse that the Committee felt justified in requiring the teachers to be at their posts, fair weather or otherwise.

## NON-RESIDENT SCHOLARS.

It was the opinion of the Committee, expressed through their vote, that it was only just and right that non-resident scholars should be required to pay as tuition, the annual pro rata cost in the schools which they attended. In accordance with this vote the Agent has collected over \$130.

## IN GENERAL.

In conclusion, it is with pleasure that the Committee report that the schools are in excellent condition. The teachers as a rule are competent, faithful and zealous in their labors, and a good degree of interest has been manifest throughout the year. For much that has been done in the way of bettering the condition of the schools, great credit belongs to the School Agent, Mr. Bradbury, who has labored with untiring zeal and with great self sacrifice to promote the interests of education in this city. To his invaluable services as a co-laborer with the Committee, the city is largely indebted for the improvement made during the term of our administration.

E. W. PREBLE.  
F. T. HAZLEWOOD.  
G. S. BEAN.  
R. KELLEHER.  
T. W. VOSE.



# REPORT

OF THE

## SCHOOL AGENT.

To THE CITY COUNCIL:

The financial standing of the School department for the past municipal year is as follows:

Amount of appropriation.....	\$26,500 00
State mill tax.....	3,575 67
State school fund.....	5,713 90
Free High school.....	500 00
Tuition of out of town pupils.....	132 22
For books, broken glass, etc.....	29 71
Balance returned unexpended from previous years.....	500 00
	\$36,951 50

### EXPENDITURES.

Teachers' salaries.....	\$28,472 35
Fuel.....	1,601 82
Materials and repairs.....	2,757 50
Janitors.....	1,363 84
Desks, seats and school supplies.....	339 07
Books, etc.....	527 78
Miscellaneous.....	97 00
Labor, sawing and putting in wood, cleaning cellars and grounds and privies.....	408 25
School Committee.....	250 00
Expenses of team for use of School Agent.....	411 00
Truant Officer.....	50 00
Supt. Schools first of year (C. P. Roberts).....	73 76
Amount unexpended.....	599 13
	\$36,951 50

NOTE.—On reviewing and classifying the accounts of this department for the past year, it appears there was \$1,929.12, of unpaid bills of the previous year charged to this, while this year there will be only six or seven hundred dollars charged to the new year,

The whole number of legal scholars returned by Assessors April, 1877, is.....	5,586
Number of pupils attending Summer term.....	3,289
Average number attending Summer term.....	2,707
Number attending Fall term.....	3,220
Average number attending Fall term.....	2,702
Number attending Winter term.....	3,149
Average number.....	2,650
Whole number of different pupils enrolled.....	3,495
Percentage of attendance.....	83
Whole number of schools.....	49
1 High, 1 Grammar, 12 Intermediate, 1 Mixed, 20 Primary, 13 Suburban, 1 Winter school.	

The number enrolled in these schools is as follows:

High school.....	196
Grammar school (17 Rooms).....	812
Intermediate schools.....	612
Mixed schools.....	77
Primary schools.....	1410
Suburban schools.....	338
Winter school for boys.....	50

The following number of teachers is required:

High school.....	5
Grammar schools.....	18
Intermediate schools.....	12
Mixed school (Primary and Intermediate).....	2
Primary schools.....	25
Suburban schools.....	13
Winter.....	1
Total .....	<u>76</u>

Whole number of different teachers employed during the  
year is:

Males .....	8
Females.....	87
Total.....	<u>95</u>

## Number of pupils to each teacher:

High school,.....	40
Grammar school.....	46
Intermediate schools.....	51
Mixed school.....	38
Primary schools.....	56
Suburban schools.....	26

## Cost of tuition including fuel, etc.:

High school.....	\$4,629 16
Per capita.....	23 62
Grammar school.....	10,566 71
Per capita.....	13 02
Intermediate schools.....	4,988 76
Per capita.....	7 24
Primary schools.....	9,191 52
Per capita.....	6 52
Suburban schools.....	2,688 38
Per capita.....	7 95
Total expense per scholar.....	9 23

The graduating exercises of the class of '77 of the High School, were held in City Hall on the evening of June 22d.

The exercises were well sustained by those taking parts, the main feature being an address by the Chairman of the Superintending School Committee, Rev. E. W. Preble, and the presentation by him of Diplomas to the class of twenty-three members, as follows:

Mary Isabel Ames, Hattie Whittier Baldwin, Sarah Emma Barker, Mary Agnes Brann, Helen M. Cates, Georgie M. Clark, Addie P. Cobb, Eliza B. Eddy, Evelyn E. Getchell, Laura May Hayward, Carrie M. Johnson, Georgie M. Marston, May Pierce Morrow, Annie M. Pease, Lunette Perkins, Hattie I. Record, Alice M. Rowe, Mary Sekenger, Jennie Sellers, Mary E. Stewart, May S. Thurston, Frances E. Vail, Frank J. Gibbs.

The graduating class for 1878 numbers thirty-eight, being larger than usual, and it is expected that the Grammar school will send up eighty-five or more for entry at the commencement of the next school year.

In the matter of repairs, economy has been studied, and frequent advice of members of the City Government has been solicited, and only such as was deemed necessary have been made.

As the Primary school room at Salem Court was out of repair and the seats and desks in bad condition, the City Council at the request of the Superintending School Committee voted to enlarge the room ten feet in its width, forming a new class room. The whole room, newly plastered, is now nice and commodious, being furnished with new desks and seats of Dole Brothers' Dirigo pattern.

The two rooms occupied by Grammar schools in the basement of the High school building, were inconvenient in consequence of a hundred children rushing up and down a flight of stairs to meet a hundred and fifty others from three other rooms. It was considered very dangerous in case there should be an alarm of fire, and a door was made in the basement to the great relief of the inconvenience and danger. And here allow me to say that great danger exists in the event of panic or an alarm of fire at the High school, on account of the small chance of egress for two hundred scholars and their teachers down one narrow stairway; and I recommend that some outside ladders be so placed so as to afford other means of escape than the door.

The warming apparatus of the High school room was found to be in an unsatisfactory condition. The furnace, which was in the same room with the scholars, has been put in proper place down stairs, and the room is now comfortably and satisfactorily warmed.

During the year the well in the Abbot Square grounds having failed, and as the pump was out of repair, it was deemed advisable, in view of the fact that there are nearly seven hundred thirsty children in attendance, requiring drink, to introduce Holly water



to the basement of the High school building, which was done at a moderate expense, the drainage of which carries off the waste water from those large buildings, which has heretofore run on the surface of the grounds, making them rough and unsightly. Thirty dollars of the cost has been paid to the City Treasurer for entering the sewer, by abutting land owners.

The scholars in the Grammar school increased to such an extent that the rooms could not accommodate them ; for this reason at the beginning of the school year, your Agent was directed to repair and fit up a room in the lower school building in Abbot Square, and it is now occupied by Mrs. Drake with her school.

Complaint was made that the warming apparatus at the new Grammar school building on the West side did not work satisfactorily. An examination proved that the steam works had not been perfected in all the necessary details. Careful attention to these matters has made the rooms warm and comfortable.

More attention to the Suburban school houses seemed to be necessary than to any others ; and the houses at Hillside, Finson, North Bangor and Avenue districts were newly plastered and painted inside, and the grounds at most of them graded and put in a more convenient condition than they have ever been before.

Constant wear and waste of school house property require a like constant and prompt care and attention. Thirty-five buildings, worth seventy-five thousand dollars or more, are a matter of no insignificant interest to the city,—they must be kept from going to ruin ; but I would recommend to run them in these hard times with the smallest outlay possible, and not expend a dollar where it can be avoided.

It is well known that our city has educated pupils from out of town for many years. The Superintending School Committee, after mature deliberation, directed the Agent to assess the cost of tuition on all such, and I have already paid in to the City Treasury \$132.22 from that source. This appears to be an act of justice to ourselves, and no injustice to our neighbors.



The change of teachers the past year is marked by the resignation of Mr. Henry Dame, late Principal of the High school, taking effect at the close of the summer term, his place being filled by Mr. Charles A. Jordan, a graduate of Tufts College, who gives promise of entire success in the position. Five other teachers not being elected, the places were supplied with new ones, with the exception of the Grammar school, where one teacher is made to do the duty of two. Death invaded the ranks by removing Miss Mary M. Patterson, from the Union Square Grammar school last September. Also Miss Teresa B. Taney, March 13, 1878, late of the Main Street Primary school.

Respectfully,

S. P. BRADBURY,  
School Agent.

# TABULAR VIEW,

Exhibiting the various Schools and their Teachers ; also, the Attendance of Scholars, and Wages of Teachers—1877-8.

## HIGH SCHOOL.

Name of School.	Teachers.	No. Attending.	Average Number.	Length of School, in Weeks.	Annual Salary.
	<b>Summer Term.</b>				
Abbot Square, .....	Henry Dame, Principal,..	168	145	13	\$2000
	Amanda M. Wilson,.....				800
	Faunie E. Lord, .....				600
	Jennie A. Philbrook, ....				600
	Annie F. Powers, .....				475
	<b>Fall Term.</b>				
Abbot Square, .....	Charles A. Jordan, Prin.,	196	150	12	1500
	Amanda M. Wilson,.....				650
	Fannie E. Lord,.....				500
	Jennie A. Philbrook, ....				500
	Annie F. Powers, .....				450
	<b>Winter Term.</b>				
Abbot Square, .....	Charles A. Jordan, Prin.,	173	151	12	1500
	Amanda M. Wilson,.....				650
	Fannie E. Lord,.....				500
	Jennie A. Philbrook, ....				500
	Annie F. Powers, .....				450

## TABULAR VIEW,--Continued.

**GRAMMAR SCHOOLS.**

Name of School.	Teachers.	No. Attending.	Average Number.	Length of School, in Weeks.	Annual Salary.
<b>Summer Term.</b>					
Abbot Square and Prospect Street,..... }	Burleigh Pease, Principal,.....	.....	.....	13	\$1200
	Helen R. Fox,.....	49	40	13	450
	Margaret F. Webber,....	39	35	13	450
	Maria F. Smith,.....	31	28	13	425
	Sarah H. Drake,.....	51	47	13	425
	Mary J. Gale,.....	46	40	13	425
	Lavinia L. Bartlett,.....	51	46	13	425
	Lue A. Spencer,.....	57	45	13	425
	Lillian B. Cole,.....	52	44	13	425
Union Square,.....	Daniel A. Robinson, Prin. ....	.....	.....	13	1200
	Mary E. Cochran,.....	40	34	13	450
	Laura H. Cummings,....	47	41	13	450
	Mary E. Costellow,.....	49	41	13	425
	Nellie S. Littlefield,.....	50	44	13	425
	Sarah E. Patten,.....	51	41	13	425
	Mary M. Patterson,.....	42	36	13	425
	Lucy E. Gallupe,.....	43	37	13	425
	Bertha Lord,.....	43	37	13	425
	<b>Fall Term.</b>				
Abbot Square and Prospect Street,..... }	Daniel A. Robinson, Prin. ....	.....	.....	12	1400
	Helen R. Fox,.....	47	43	12	425
	Margaret F. Webber,....	45	42	12	425
	Maria F. Smith,.....	48	44	12	407
	Sarah H. Drake,.....	46	44	12	407
	Mary J. Gale,.....	51	47	12	407
	Lue A. Spencer,.....	55	48	12	407
	Mary E. Boyce,.....	53	49	12	407
	Lillian B. Cole,.....	51	47	12	407
	Alice Patten,.....	52	48	10½	407
Union Square,.....	Mary E. Cochran,.....	47	44	12	425
	Laura H. Cummings,....	41	36	12	425
	Mary E. Costellow,.....	40	37	12	407
	Nellie S. Littlefield,.....	50	40	12	407
	Sarah E. Patten,.....	45	40	12	407
	Lucy E. Gallupe,.....	47	41	12	407
	Bertha Lord,.....	48	43	12	407
	Maria L. Daggett,.....	46	42	12	407

TABULAR VIEW,--Continued.  
GRAMMAR SCHOOLS,--Continued.

Name of School.	Teachers.	No. Attending.	Average Number.	Length of School, in Weeks.	Annual Salary.
<b>Winter Term.</b>					
Abbot Square and Prospect Street, .....	Daniel A. Robinson, Prin. ....	.....	.....	12	\$1400
	Helen R. Fox, .....	45	40	12	425
	Margaret F. Webber, .....	44	40	12	425
	Maria F. Smith, .....	45	40	12	407
	Sarah H. Drake, .....	48	43	12	407
	Mary J. Gale, .....	50	44	12	407
	Lue H. Spencer, .....	53	48	12	407
	Lillian B. Cole, .....	52	47	12	407
	Grace J. Haynes, .....	50	43	7½	407
	Alice Patten, .....	49	43	12	407
Union Square, .....	Mary E. Cochran, .....	43	39	12	425
	Laura H. Cummings, .....	41	37	12	425
	Mary E. Costellow, .....	38	34	12	407
	Nellie S. Littlefield, .....	43	37	12	407
	Mary E. Boyce, .....	42	38	12	407
	Lucy E. Gallupe, .....	46	37	12	407
	Bertha Lord, .....	45	39	12	407
	Maria L. Daggett, .....	47	44	12	407

**INTERMEDIATE SCHOOLS.**

Name of School.	Teachers.	No. Attending.	Average Number.	Length of School, in Weeks.	Annual Salary.
<b>Summer Term.</b>					
State Street, .....	Therese M. Dillingham, ..	45	41	13	\$333
Salem Court, .....	Annie Tanev, .....	45	41	13	333
Pearl Street, .....	Azubah F. Blaisdell, .....	35	31	13	333
Hancock Street, .....	Hattie L. Gray, .....	57	41	13	333
Grove Street, .....	Celestia Cates, .....	36	34	13	333
Center Street, .....	Annette M. Hincks, .....	45	40	13	333
Division Street, .....	Mary E. Byrne, .....	43	32	13	333
Larkin Street, .....	Mary S. Snow, .....	57	49	13	333
Union Street, .....	Adelaide A. Bakeman, ...	41	37	13	333
Third Street, .....	Mary E. Glass, .....	54	45	13	333
Pond Street, .....	Ella A. Newmarch, .....	64	51	13	333
Thomas' Hill, .....	Sarah H. Shaw, .....	52	45	13	333

TABULAR VIEW,--Continued.  
INTERMEDIATE SCHOOLS,--Continued.

Name of School.	Teachers.	No. Attending.	Average Number.	Length of School, in Weeks.	Annual Salary.
<b>Fall Term.</b>					
State Street,.....	Therese M. Dillingham,..	61	55	12	\$333
Salem Court,.....	Annie Taney,.....	58	48	12	333
Pearl Street, .....	Azubah F. Blaisdell,.....	40	34	12	333
Hancock Street,.....	Hattie L. Gray,.....	51	40	12	333
Grove Street, .....	Lucy M. Hallowell,.....	33	31	12	333
Center Street,.....	Annette M. Hincks,.....	46	40	12	333
Division Street,.....	Alice B. Plummer,.....	41	31	12	333
Larkin Street,.....	Mary S. Snow,.....	58	49	12	333
Union Street, .....	Adelaide A. Bakeman,....	59	54	12	333
Third Street,.....	Mary E. Glass,.....	58	48	12	333
Pond Street, .....	Flora E. Wharff,.....	63	60	12	333
Thomas' Hill, .....	Sarah H. Shaw,.....	44	36	12	333
<b>Winter Term.</b>					
State Street,.....	Therese M. Dillingham,..	60	50	12	333
Salem Court,.....	Annie Taney,.....	52	48	12	333
Pearl Street, .....	Azubah F. Blaisdell,.....	41	38	12	333
Hancock Street,.....	Hattie L. Gray,.....	51	46	12	333
Grove Street, .....	Lucy M. Hallowell,.....	22	29	12	333
Center Street, .....	Annette M. Hincks,.....	44	41	12	333
Division Street,.....	Alice B. Plummer,.....	38	32	12	333
Larkin Street,.....	Mary S. Snow,.....	56	52	12	333
Union Street, .....	Adelaide A. Bakeman, ..	52	49	12	333
Third Street,.....	Mary E. Glass,.....	59	50	12	333
Pond Street,.....	Flora E. Wharff,.....	67	54	12	333
Thomas' Hill, .....	Sarah H. Shaw,.....	40	31	12	333

**MIXED SCHOOL.**

<b>Summer Term.</b>					
West Bangor,.....	Nancy W. Silsby, .....	88	65	13	\$333
	Cora E. Works, Ass't,.....	.....	.....	13	222
<b>Fall Term.</b>					
West Bangor,.....	Nancy W. Silsby, .....	77	53	12	333
	Evelyn E. Getchell, Ass't,.....	.....	.....	12	222
<b>Winter Term.</b>					
West Bangor,.....	Nancy W. Silsby, .....	65	50	12	333
	Evelyn E. Getchell, Ass't,.....	.....	.....	12	222



## TABULAR VIEW,--Continued.

**PRIMARY SCHOOLS.**

Name of School.	Teachers.	No. Attending.	Average Number.	Length of School, in Weeks.	Weekly Wages.	Annual Salary.
<b>Summer Term.</b>						
York Street No. 1..	Eliza A. Thayer, .....	92	73	13	.....	\$333
	Ella Kittridge, Ass't,.....	.....	.....	13	\$5 00	.....
York Street No. 2..	Betsey A. Adams,.....	72	54	13	.....	333
York Street No. 3..	Alice M. Lawrence, .....	59	50	13	.....	333
Salem Court,.....	Lizzie L. Morrill, .....	97	87	13	.....	333
	Hattie T. Vose, Ass't,.....	.....	.....	13	5 00	.....
Pearl Street, .....	Addie Hayes, .....	80	60	13	.....	333
State Street,.....	Fannie E. Titcomb, .....	90	74	13	.....	333
	Emma A. Blaisdell, Ass't,.....	.....	.....	13	5 00	.....
Grove Street, .....	Miriam S. Cates, .....	88	77	13	.....	333
	Clara R. Wood, Ass't,.....	.....	.....	13	5 00	.....
Lime Street, .....	Charlotte L. Holden,.....	42	33	13	.....	333
Center Street,.....	Annie M. Lander,.....	78	67	13	.....	333
Division Street, ....	Vesta M. Nash,.....	64	55	13	.....	333
Abbot Square, .....	Angelia Chase, .....	51	42	13	.....	333
City Farm,.....	Joan C. Wheeler, .....	42	27	13	.....	333
Larkin Street,.....	Mary A. Eaton, .....	81	57	13	.....	333
Main Street, .....	Ella S. Stewart,.....	53	42	13	.....	333
Main Street,.....	Teresa B. Taney,.....	52	41	13	.....	333
Union Street, .....	Carrie A. Dunbar, .....	121	98	13	.....	333
	Mary A. Holden, Ass't, ..	.....	.....	13	5 00	.....
Third Street,.....	Julia A. Robinson,.....	57	48	13	.....	333
Pond Street, .....	Annie H. Kendrick,.....	87	63	13	.....	333
	Nellie L. Humphrey, As't,.....	.....	.....	13	5 00	.....
Thomas' Hill,.....	Mary E. Boyce, .....	67	50	13	.....	333
Bower Street,.....	Laura J. Sargent, .....	87	32	13	.....	333
<b>Fall Term.</b>						
York Street No. 1..	Grace J. Haynes, .....	70	55	12	.....	333
	Annie M. Pease,.....	.....	.....	9	6 00	.....
York Street No. 2..	Emma A. Blaisdell, .....	55	46	12	.....	333
York Street No. 3..	Alice M. Lawrence,.....	52	44	12	.....	333
Salem Court,.....	Lizzie L. Morrill, .....	87	77	12	.....	333
	Hattie T. Vose, Ass't,.....	.....	.....	12	6 00	.....
Pearl Street, .....	Addie Hayes, .....	55	42	12	.....	333
State Street, .....	Fannie E. Titcomb, .....	71	60	12	.....	333
	Lillian J. Dakin, Ass't,.....	.....	.....	12	6 00	.....
Grove Street, .....	Miriam S. Cates,.....	87	82	12	.....	333
	Clara R. Wood, Ass't,.....	.....	.....	12	6 00	.....
Lime Street, .....	Charlotte L. Holden,.....	44	37	12	.....	333
Center Street,.....	Annie M. Lander,.....	73	63	12	.....	333
Division Street,....	Vesta M. Nash, .....	55	46	12	.....	333

TABULAR VIEW,--Continued.  
PRIMARY SCHOOLS,--Continued.

Name of School.	Teachers.	No. Attending.	Average Number.	Length of School, in Weeks.	Weekly Wages.	Annual Salary.
<b>Fall Term,--Continued.</b>						
Abbot Square, .....	Angelia Chase, .....	51	39	12	.....	\$333
City Farm, .....	Julia A. Robinson, .....	38	29	12	.....	333
Larkin Street, .....	Mary A. Eaton, .....	61	51	12	.....	333
Main Street, .....	Ella S. Stewart, .....	48	41	12	.....	333
Main Street, .....	Teresa B. Tancy, .....	47	30	9	.....	333
Union Street, .....	Mary E. Byrne, .....	.....	.....	3	.....	333
	Carrie A. Dunbar, .....	112	78	9	.....	333
	Mary E. Holden, .....	.....	.....	3	.....	333
	Mary E. Holden, Ass't, .....	.....	.....	9	\$6 00	.....
Third Street, .....	Annie M. Pease, Ass't, .....	.....	.....	3	6 00	.....
	Alma F. Silsby, .....	50	43	12	.....	333
Pond Street, .....	Annie H. Kendrick, .....	76	59	12	.....	333
	Emma F. Lewis, Ass't, * .....	.....	.....	12	7 35	.....
Thomas' Hill, .....	Nellie L. Humphrey, .....	57	44	12	.....	333
Bower Street, .....	Laura J. Sargent, .....	33	23	12	.....	333
<b>Winter Term.</b>						
York Street No. 1..	Grace J. Haynes, .....	.....	.....	4½	.....	333
	Mary A. Holden, .....	55	49	7½	.....	333
York Street No. 2..	Emma A. Blaisdell, .....	49	41	12	.....	333
York Street No. 3..	Alice M. Lawrence, .....	52	44	12	.....	333
Salem Court, .....	Lizzie L. Morrill, .....	87	73	12	.....	333
	Hattie T. Vose, Ass't, .....	.....	.....	12	6 00	.....
Pearl Street, .....	Addie Hayes, .....	.....	.....	3	.....	333
	Annie M. Pease, .....	55	41	9	.....	333
State Street, .....	Fannie E. Pitcomb, .....	72	56	12	.....	333
	Lillian J. Dakin, Ass't, .....	.....	.....	12	6 00	.....
Grove Street, .....	Miriam S. Cates, .....	86	67	12	.....	333
	Clara R. Wood, Ass't, .....	.....	.....	12	6 00	.....
Line Street, .....	Charlotte L. Holden, .....	45	36	12	.....	333
Center Street, .....	Annie M. Lander, .....	65	56	12	.....	333
Division Street, .....	Vesta M. Nash, .....	53	46	12	.....	333
Abbot Square, .....	Angelia Chase, .....	53	38	12	.....	333
City Farm, .....	Julia A. Robinson, .....	32	27	12	.....	333
Larkin Street, .....	Mary A. Eaton, .....	61	50	12	.....	333
Main Street, .....	Ella S. Stewart, .....	42	34	12	.....	333
Main Street, .....	Mary E. Byrne, .....	39	35	12	.....	333
Union Street, .....	Carrie A. Dunbar, .....	100	80	9	.....	333
	Mary A. Holden, .....	.....	.....	3	.....	333
	Eliza B. Eddy, Ass't, .....	.....	.....	7½	6 00	.....
Third Street, .....	Mary A. Holden, Ass't, .....	.....	.....	4½	6 00	.....
	Alma F. Silsby, .....	55	44	12	.....	333
Pond Street, .....	Annie H. Kendrick, .....	71	56	12	.....	333
	Emma F. Lewis, Ass't, * .....	.....	.....	12	7 35	.....
Thomas' Hill, .....	Nellie L. Humphrey, .....	45	37	12	.....	333
Bower Street, .....	Laura J. Sargent, .....	33	29	12	.....	333

\*Two Schools.

TABULAR VIEW,--Continued.  
**SUBURBAN SCHOOLS.**

Name of School.	Teachers.	No. Attending.	Average Number.	Length of School, in Weeks.	Weekly Wages.
<b>Summer Term.</b>					
Central District, .....	Heman W. Griffin, .....	44	37	10	\$13 00
Odlin District, .....	Estelle R. Coombs, .....	17	13	10	6 00
Tyler District, .....	Hattie E. Glass, .....	15	12	10	6 00
Fuller District, .....	Fannie M. Fuller, .....	12	9	10	6 00
Avenue District, .....	Nellie R. Huntington, .....	19	17	10	5 00
North Bangor, .....	Annie L. Chase, .....	22	18	10	6 00
Finson District, .....	Flora S. Newcomb, .....	21	19	10	6 00
Six Miles Falls District, ..	Mary H. Shaw, .....	12	10	10	6 00
Sherburne District, .....	Edith M. Palmer, .....	32	20	10	6 00
Bagley District, .....	Nancy A. Gilman, .....	32	24	10	7 00
Stillwater Avenue Dist., ..	Abbie F. Stevens, .....	30	24	10	7 00
Mt. Hope District, .....	Abbie U. Forbes, .....	26	23	10	6 00
Hillside District, .....	Annie L. Martin, .....	26	18	10	6 00
<b>Fall Term.</b>					
Central District, .....	Heman W. Griffin, .....	65	50	12	15 00
	Clara Mayhew, Ass't, .....			11½	1 00
Tyler District, .....	Hattie E. Glass, .....	18	15	6	6 00
Pinson District, .....	Flora S. Newcomb, .....	38	29	10	6 00
Sherburne District, .....	Lizzie J. Shaw, .....	37	30	7	6 00
	Lizzie Gibson, .....			3	6 00
Bagley District, .....	Nancy A. Gilman, .....	32	23	10	7 00
Stillwater Avenue Dist., ..	Annie L. Clapp, .....	44	37	10	7 00
Mt. Hope District, .....	Mary R. Shaw, .....	26	23	10	6 00
Hillside District, .....	Annie L. Martin, .....	41	33	10	6 00
<b>Winter Term.</b>					
Central District, .....	Heman W. Griffin, .....	58	47	12	15 00
	Clara Mayhew, Ass't, .....			12	1 00
North Bangor, .....	Jeremiah M. Gilman, .....	33	29	12	9 00
Fuller District, .....	Willis E. Ferguson, .....	18	15	11	8 00
Odlin District, .....	Addie M. Spencer, .....	19	12	11	6 00
Tyler District, .....	Hattie E. Glass, .....	17	12	9	6 00
Avenue District, .....	Nellie R. Huntington, .....	20	12	11	5 00
Six Miles Falls District, ..	Lizzie Gibson, .....	19	9	10	6 00
Sherburne District, .....	Lizzie J. Shaw, .....	38	33	10	7 00
Bagley District, .....	Nancy A. Gilman, .....	23	20	10	7 00
Stillwater Avenue Dist., ..	Annie L. Clapp, .....	33	30	10	7 00
Mt. Hope District, .....	Mary R. Shaw, .....	27	24	10	6 00
Hillside District, .....	Annie L. Martin, .....	33	28	10	7 00

**BOYS' SCHOOL.**

Winter Term.					
Spring Street, .....	James W. Donigan, .....	50	26	*3	†\$50

**SPECIAL TEACHERS.**

Summer Term.					
Penmanship, .....	C. P. Fessenden, .....			13	†\$875
Music, .....	Geo. T. Moody, .....			13	400
	Mary B. Crosby, .....			13	400

\*Length of School in Months.

†Monthly Wages.

‡Annual Salary.



# COURSE OF STUDY OF PUBLIC SCHOOLS, BANGOR.

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## PRIMARY SCHOOLS.

*Reading and Spelling.*—American Educational First and Second Readers. Hooker's Child's Book of Common Things. Swinton's Primary Spelling Book.

*Printing and Drawing.*—The pupils should be taught to draw straight and curved lines, and to combine them in the letters of the alphabet and simple geometric forms. Copies should be placed upon the blackboard by the teachers. The first class is required to practice script writing.

*Arithmetic.*—White's Primary Arithmetic. Frequent use of objects is recommended as an assistance in conveying an idea of the relation of numbers.

*Vocal Music.*—National Music Charts.

*Object Lessons.*—An exercise each day. Sheldon's Lessons on Objects, and Sheldon's Elementary Instruction are recommended as guides to teachers.

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## INTERMEDIATE SCHOOLS—Course of two years.

*Reading and Spelling.*—American Educational Third Reader. Swinton's Primary Spelling Book.

*Writing.*—Revised Duntonian.

*Drawing.*—Exercise in drawing simple geometric forms from copies placed upon the blackboard by the teacher.

*Arithmetic.*—White's Intermediate Arithmetic, to Fractions.

*Geography.*—Oral lessons in the elements of Geography twice a week. Warren's Primary Geography is recommended as a guide to the teachers. Our World, Part I, as a reading-book in first class.

*Vocal Music.*—National Music Charts. The use of Music Reader is permitted.

*Object Lessons.*—An exercise four times a week. Sheldon's Lessons on Objects, and Sheldon's Elementary Instruction are recommended as guides to teachers.

## GRAMMAR SCHOOLS—Course of four years.

## FIRST YEAR.

*Spelling.*—Swinton's Word Book.

*Writing.*—Duntonian System.

*English Language.*—Swinton's Language Lessons.

*Geography.*—Our World, Part I.

*Vocal Music.*

*Arithmetic.*—White's Complete.

*Oral Instruction.*—Lectures by masters on studies pursued.

*Reading.*—American Educational Series, Fourth Reader.

*Natural Science.*—Hooker's Child's Book of Nature, Part I.

## SECOND YEAR.

*Reading.*—American Educational Series, Fifth Reader.

*Spelling.*—Swinton's Word Book.

*Writing.*—Duntonian System.

*English Language.*—Swinton, Language Lessons.

*Geography.*—Warren's Common School.

*Oral Instruction.*—Lectures by masters on studies pursued.

*Vocal Music.*

*Arithmetic.*—White's Complete.

*Natural Science.*—Hooker's Child's Book of Nature, Part II.

## THIRD YEAR.

*Reading.*—American Educational Series, Fifth Reader.

*Spelling.*—Swinton's Word Book, and Word Analysis, fifty-one pages.

*Grammar.*—Whitney's Essentials of English Grammar.

*Composition.*

*Arithmetic.*—White's Complete.

*United States History.*

*Geography.*—Warren's, continued.

*Writing and Declamation.*

*Oral Instruction.*—Lecture by masters on studies pursued, including General History and Mechanics.

*Natural Science.*—Hooker's Child's Book of Nature, Part III.

## FOURTH YEAR.

*Reading.*—American Educational Series, Fifth Reader.

*Grammar and Composition.*—Continued.

*Physiology and Hygiene.*—Hutchinson's.

*Book-keeping and Writing.*

*Arithmetic.*—White's Complete.

*Spelling and Word Analysis.*—Continued.

*History.*—Completed and reviewed, with composition on kindred subjects.

*Natural Science.*—Hooker's First Book in Chemistry.

*Oral Instruction.*—Lectures by masters on studies of the year, including Science of Government, Commerce, and Manufacture.

*Declamation and Vocal Music.*



## Course of Study--Bangor High School.

		Classical and English.	English Department.
FIRST YEAR.	First Term Fall.	Algebra. Natural Philosophy. English Composition—Read'g. Latin (Grammar and Reader.)	Algebra. Natural Philosophy. English Composition—Read'g. Physical Geography.
	Second Term Winter.	Algebra. Natural Philosophy. English Composition—Read'g. Latin. (Grammar and Reader.)	Algebra. Natural Philosophy. English Composition—Read'g. Physical Geography.
	Third Term Summer.	Algebra. Natural Philosophy. English Composition—Read'g. Latin (Reader).	Algebra. Natural Philosophy. English Composition—Read'g. Physical Geography.
SECOND YEAR.	First Term Fall.	Geometry. Natural History. French. Latin (Reader.) Read'g—English Composition.	Geometry. Natural History. French. Physical Geography. Read'g—English Composition.
	Second Term Winter.	Geometry. Natural History. French. Latin (Cæsar) (Greek.*) Read'g—English Composition.	Geometry. Natural History. French. Physical Geography. Read'g—English Composition
	Third Term Summer.	Geometry. Botany—Natural History. French. Latin (Cæsar) (Greek.) Read'g—English Composition.	Geometry. Botany—Natural History. French. Physical Geography. Read'g—English Composition.
THIRD YEAR.	First Term Fall.	Astronomy—Botany—Chemistry. General History. French. Latin (Virgil) (Greek.)	Astronomy—Botany—Chemistry. General History. French. American Literature.
	Second Term Winter.	Astronomy—Geology—Chemist'y General History. French. Latin (Virgil) (Greek.)	Astronomy—Geology—Chemist'y Gen'l History—Trigonometry. French. American Literature.
	Third Term Summer.	Geology. General History. French. Latin (Virgil) (Greek.)	Geology—Surveying. General History. French. American Literature.
FOURTH YEAR.	First Term Fall.	Mental Philosophy. English Literature—Rhetoric. French or German. Latin (Cicero) (Greek.)	Mental Philosophy. English Literature—Rhetoric. French. German.
	Second Term Winter.	Mental Philosophy. English Literature—Rhetoric. French or German. Latin (Horace) (Greek.)	Mental Philosophy. English Literature—Rhetoric. French. German.
	Third Term Summer.	Mental Philosophy. English Literature—Rhetoric. French or German. Latin (Horace) (Greek.)	Mental Philosophy. English Literature—Rhetoric. French. German.

\*NOTE—CLASSICAL COURSE. Pupils intending to prepare for College take all the branches of the Classical and English Course, excepting Chemistry and French, as far as the second term of the second year, at which point they commence Greek. After this, besides the Latin, Greek and Mathematics requisite for admission to College, they are required to take only General History and Ancient Geography.

Only those pupils who take all the prescribed studies of either course are entitled to receive a Diploma.

## GENERAL EXERCISES BY ALL THE SCHOOL.

1. Exercises in Reading and Elocution once a week throughout each course.
2. Exercises in Composition every two weeks.
3. Spelling and Defining twice a week.
4. Instruction in Music.

## TEXT-BOOKS AUTHORIZED.

*Latin.*—Allen & Greenough's New Latin Method, Latin Grammar and Composition. Harkness' Latin Reader. Hanson's Hand-Book of Latin Poetry. Johnson's Cicero. Harkness' Introduction to Latin Prose Composition.

*Greek.*—Goodwin's Greek Grammar. Leighton's Greek Lessons. Kendrick's Xenophon's Anabasis. Boise's Homer's Illiad. Arnold's Greek Prose Composition.

*Science.*—Steele's Natural Philosophy. Wood's Object Lessons in Botany. Hooker's Natural History. Steele's Chemistry. Steele's Geology. Steele's Astronomy. Haven's Mental Philosophy. Guyot's Physical Geography.

*Mathematics.*—Bradbury's Elementary Algebra. Bradbury's Geometry.

*English Language.*—Collier's English Literature, Hart's Rhetoric. Adams' Spelling Book. National Fifth Reader. Parker's Exercises in Composition. Underwood's American Literature.

*History and Geography.*—Swinton's General History. Mitchell's Ancient Geography and Atlas. Baird's Ancient Geography and Mythology.

*French and German.*—Otto's French Grammar. Williams' English into French. Les Princes d'Art. La Petite Fadette. Picciola. Un Philosophe sous les Toits. Notes sur L'Angleterre. Otto's German Grammar. Alder's German Reader. Die Eisyungfrau.

## EXTRACTS

FROM THE

# Regulations of the Public Schools,

OF THE CITY OF BANGOR.

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### DUTIES OF THE TEACHERS.

*School Hours.*—The teachers are required to observe the school hours punctually, and to discharge to the best of their ability the daily duties of instruction and discipline.

*Moral Influence.*—They should exercise a dilligent guardianship over the deportment and character of those entrusted to their care, and endeavor to inculcate principles of kindness, truthfulness, purity, industry, frugality, and temperance.

*Responsibility outside of the School-room.*—They shall have in charge the conduct of their scholars during recess, and while within the school grounds.

*Ventilation.*—They shall see that the school-rooms are properly ventilated, the windows being thrown open during *recess* and the time allotted to physical exercises, and that the temperature is maintained at a proper standard.

*Care of Buildings and Grounds.*—They shall exercise a general supervision over the rooms, entries, grounds, and out-buildings of their several schools, reporting to the Agent any damage or defacement which they may sustain.

*Discipline.*—IN THE DISCIPLINE OF THEIR SCHOOLS, THEY SHOULD ENDEAVOR TO AVOID ALL IRRITATING LANGUAGE, AND ALL HARSH AND IMPROPER PUNISHMENTS.



*Record of Cases of Punishment.*—They shall keep a record of all the cases of corporeal punishment occurring in their several schools, stating in full the date of the occurrence of each case, together with the name of the pupil, the offense, and the nature of the punishment inflicted; and they shall make a return of the record to the Committee with each school register; and the Agent shall furnish the necessary blanks for the records required.

*Suspension of Pupils.*—In case of the suspension or dismissal of any scholar for breach of discipline, or the withdrawal of any scholar from school while under censure for misconduct, the teacher should give immediate notice to the parent or guardian of the scholar, and to the Agent.

*Time of Opening the Rooms.*—All the school-rooms should be open and the teachers present fifteen minutes before the time prescribed for the commencement of each session.

*Deficiency of Books.*—Whenever a scholar is not furnished with suitable books, proper notice shall be given by the teacher, first to the parent or guardian of such scholar, and afterward to the Agent.

*Register.*—All the teachers are required to keep a school-register, containing the names of all scholars and such other facts as may be required. The register shall be open at all times to the inspection of the Committee, and a return of the same shall be made to the Committee when required.

*Notice of Intended Resignation.*—Should any teacher wish to resign, one month's notice of the intended resignation should be given to the Agent.

#### REGULATIONS OF THE SCHOOLS.

*Classification.*—The annual schools shall be classified as Primary, Intermediate, Grammar and High schools.

*Suburban Schools.*—Unclassified Suburban schools shall be maintained during summer and winter.

*Special Schools.*—The Committee may, at any time, establish other schools, aside from the above grades, if the interest of education seem to demand it.

*General Exercises.*—In all the schools the exercises shall commence every morning with reading from the Scriptures by the

teacher or the pupils, or both, which may be followed by prayer or singing, at the discretion of the teacher.

Incidental instruction in regard to manners and morals should be afforded in all the schools.

Exercises in vocal music and physical exercises should be introduced every session in all the schools.

*Omission of Studies.*—No pupil of any school shall be excused from any study or exercise of the regular course until special permission has been granted by the Committee of the school.

*Number of Classes.*—In each grade above the Primary there shall be as many classes as there are years allotted to the grade in the prescribed course, and no irregular classes shall be formed; and all scholars, who, from inconstant attendance, want of application to their studies, or other cause, shall fail to maintain a fair standing in their class or grade, shall be placed in the class or grade next below.

*Tardiness and Absence.*—For tardiness or absence, the teacher shall require a written excuse from the parent or guardian, and in default of it, may inflict such penalty as may be approved by the Committee of the school.

*Absence Three Half-Days.*—If a scholar is absent *three half-days* in any one month, the teacher may require the excuse to be signed by the Committee of the school.

*Absence Five Half-Days.*—A scholar who is absent from school *five successive half-days*, without a good excuse, or fails to appear at the examination without a good excuse, or withdraws from the school while under censure, shall be considered as no longer a member of the school, and cannot be admitted to his class until he has obtained a written permission from the Committee of the school or from the Agent, and made up the lost lessons to the satisfaction of the teacher.

This rule does not apply to the Primary or Intermediate schools.

*Admission after Suspension.*—A scholar temporarily dismissed by the teacher for insubordination, may be forbidden to return to the school without the written consent of the Agent or the Committee of the school.



For an act of marked disobedience or contempt, the teacher may require such consent to be signed by a majority of the Committee.

*Advertising.*—No subscription of money, or advertising of books, public lectures or shows, shall be allowed in any school, unless permission is granted by the Committee.

*Examinations.*—The annual examinations of all the schools shall take place as near the close of the school year as may be convenient; and the examinations may be conducted by means of written questions and answers in any grade in which a majority of the Committee deem such a method expedient.

*Diplomas.*—Diplomas shall be awarded by the Committee at the annual examination, to such members of the graduating class of the High School, as have honorably completed the prescribed course of study, and passed a satisfactory examination.

*Rule for Promotion.*—An average of scholarship of sixty in a scale of one hundred, in all the studies pursued, is required to entitle a scholar to promotion to an upper class. Names of scholars not attaining such rank will be sent to the Committee for their consideration, and whatever action they may deem advisable in each case.

A scholar may be transferred to a different school of the same grade by written permission of the Agent.

No scholar can be transferred from one school to another while under censure.

*Admission to High School.*—There shall be a special examination, by means of written questions and answers, of all candidates for admission to the High School, at the beginning of the year, and only such as pass this examination satisfactorily shall be admitted.

*Admission at Irregular Times.*—Applicants for admission to the annual schools after the commencement of the year, shall be examined and admitted to such schools as they may be found qualified to enter.

*Suitable Age—Vaccination.*—No child who is under the age of five years, or who has not been vaccinated, is entitled to attend any public school.

*Sessions.*—There will be one session of the High School each day of the term, continuing from half-past eight A. M., till half-past twelve P. M.

There shall be two sessions of all the schools below the High school each day of the term, continuing from nine till twelve A. M., and from two till five P. M., from February to October inclusive; and from nine till twelve A. M., and from two till half-past four P. M., from November to January inclusive.

*Recesses.*—One recess, not exceeding twenty minutes in length, shall be given each session.

In the High School such additional short recesses shall be given as the Committee may deem expedient.

In the Primary schools, instead of one recess, there may be two recesses of ten minutes each.

*Terms.*—For all the annual schools there shall be three terms each year, as follows, unless otherwise ordered:

The first term shall commence on Monday nearest the first day of September, and close on the Saturday preceding Thanksgiving Day.

The second term shall commence on the Monday next after Thanksgiving Day, and continue thirteen weeks.

The third term shall commence two weeks after the close of the second term, and continue thirteen weeks.

In case Thanksgiving Day should not occur during the last week of November, the time of closing the first and commencing the second term, shall be decided by the Committee.

*Holidays.*—The sessions of the schools shall be suspended Wednesday and Saturday afternoons; also during two weeks, including Christmas Day and New Year's Day; also on Washington's Birthday, Fast Day, Memorial Day and June Day.

With the above exceptions, the regular sessions of each school shall be held every week-day of the term unless suspended by special permission of the Committee.

No other text books than those authorized by the Committee, can be introduced into the schools.

# REPORT

OF THE

## CHIEF ENGINEER OF FIRE DEPARTMENT.

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*To His Honor the Mayor, and Gentlemen of the City Council:*

GENTLEMEN: I herewith submit the following annual report of the affairs of the Bangor Fire Department, for the year ending March 14, 1878, together with a statement of its labors during the year, and such other matters with regard to its general management that came to my notice.

The past year has been a most fortunate one with regard to the number of fires that have occurred. In the whole history of our city there has never been so little loss by fire as in the year past. This may be accounted for greatly by our ample water supply, and I may add it is also largely due to the efficient efforts and good department of our firemen.

Herewith I submit the following as the full complement of the effective force of the department:

One Chief Engineer and four Assistants.

Union Hose Co. No. 1,	25 men.
Holly Hose No. 7,	15 "
Elijah Low Hose No. 8,	15 "
Champion Hook and Ladder, one horse and	16 "
Babcock Chemical Engine No. 5, one horse and	2 "

Also Steamers 1, 2, and 4, at Steamers' House on Harlow street.

The amount of hose consists of four thousand feet new cotton rubber lined hose, purchased during the past year; also four thousand five hundred feet of leather hose, and nine hundred feet of linen hose, in good condition; making nine thousand four hundred feet of serviceable and reliable hose.

There are also four thousand feet of old hose, about half of which is in good condition to meet fully the wants of the two hand engines in reserve. For sale as before mentioned. The balance of the hose is worn and unserviceable.

A volunteer company consisting of fifteen men formed in Cottageville, (so called,) are serving without pay. The company is composed of good firemen, and is a valuable acquisition to the department for the protection of property in that locality.

Some changes have taken place in the membership of the department; but a full complement of men has been sustained throughout the year, with this exception—Eagle Hose Company No. 3, has been disbanded, the services of the company (15 men) not being considered requisite to further protection of property. The house on Columbia street, recently occupied by this company, has been appropriated by the City, and is now used for offices, including Police Court, Overseers of the Poor, Assessors, etc. I call your attention to this fact because, heretofore, the house has been a part of the department, and the department should have credit for the substitution as above described.

The department has been called out during the past year, forty-three times.

Notwithstanding the large number of calls upon the department, I am glad to say that no very destructive fire has occurred.

I annex herewith a list of alarms, fires, losses, etc.



The estimated loss by fire and water, during the year, is nine thousand five hundred and seventy-five dollars, of which seven thousand eight hundred and fifty dollars was insured ; leaving the total uninsured loss, one thousand seven hundred and twenty-five dollars.

#### BUILDINGS.

A new house for Elijah Low Hose, No. 8, has been erected on the so-called school house lot, on State street corner. This company had for some time past been under obligations to J. F. Snow, Esq., for the use of his stable, which they occupied for a house.

The building recently erected for this company is desirable, and meets a want which has been long needed.

A tower has also been built, and other additions made at Union house, State street, the cost of which appears in expenditures. The tower was built for the purpose of drying hose, and I will say it fully meets the want it supplies. It is an improvement on the previous method of drying hose, as it is used by the whole department, and the cost of drying hose, time, etc., is much reduced by this addition to the department.

I would respectfully recommend that the necessity of a Fire Telegraph Alarm meets early attention. It is a want that, in my opinion, should be supplied at the earliest time it can properly be done. I believe it would be one of the most important auxiliaries to the department. Its adoption and valuable service in other cities, some of which are considerably smaller than ours, has shown its importance.

I would also recommend the building of a house for Holly Hose No. 7. The building they now occupy, owned by J. F. Parkhurst, is not, in my opinion, suitable or adapted to the wants this company actually require.

The Steamer's house on Harlow Street, Union Hose Co., and Hook and Ladders, on State Street, need repairs which should be attended to. Otherwise the department in my opinion, is in good condition.

## APPROPRIATIONS.

The appropriation to the Fire Department, by the City was sixteen thousand dollars, of which fourteen thousand eight hundred and seventy-five dollars have been expended, leaving a balance unexpended of eleven hundred and twenty-five dollars.

## CONCLUSION.

In conclusion, I heartily extend my thanks to His Honor, the Mayor, who has shown me many courtesies. To the gentlemen comprising the City Government, I also return thanks for their ever willingness to assist me, particularly the Committee on Fire Department, with whom I have been more especially associated.

To the Street Commissioner and Marshal Low, together with the Police Department, I also express my thanks for their promptness and efficient services they have always been willing to render to the welfare of the department. To the citizens of Bangor, I also wish to express my thanks for their kindly interest and good feeling relative to the efficiency of this department. The discipline of the department I believe was never better, greatly due to the Assistant Engineers, and the good feeling existing among the firemen composing the several companies.

O. D. MADDOCKS,  
Chief Engineer.

## SCHEDULE OF FIRES AND ALARMS, 1877-'78.

April 7th, 9:30 P. M. Fire on Essex street, between York and Hancock streets; damage slight.

April 15th, 12:30 A. M. Main street, O. M. Brown, cause unknown; loss estimated three thousand dollars; covered by insurance.

April 18th, 3:50 P. M. Union street Methodist Church; damage slight; fire caused by defective furnace.

May 15, 5 A. M. Muzzy's Foundry; damage slight.

May 28th. Stable, Morse's lane; damage very slight.

June 12th, Fire in Brewer, alarm at 10:30 P. M.

June 18th, 11:15 P. M. Cause, lamp burst on Exchange street; no damage.

June 26th, 5:45 A. M. Fire on Main street, McKinnon's tailor shop; damage slight. Stone's dry goods store underneath, damaged by water, damage appraised \$2,500.00; covered by insurance.

June 27th, 6 A. M. Fire on Washington street; house owned by Daniel Quimby, policy expired three days before the fire; loss estimated \$200.00.

July 8th, 10:30 P. M. Fire on board schooner, at Robinson's hay wharf.

July 9th, 6:30 A. M. Same fire; no insurance, damage estimated \$800.00.

July 12th, 6:40 P. M. Peavey's tool factory, Washington street; damage very slight.

July 26th, 1:30 A. M. Defective chimney, Files & Jones' bake shop; no damage.

July 31st, 7:45 P. M. Columbia street church; explosion of gas; no damage.

Aug. 2d, 12:45 P. M. Dwelling house Hancock street, owned by Mrs. Welsh; damage slight.

Oct. 3d, 9 P. M. Fire on Levant road; sent Steamer and Babcock.

Oct. 3d, 10 P. M. J. S. Rowe's house, Centre street; caused by ashes in a barrel in woodshed; damage estimated \$800.00; insured.

Oct. 10th, 9:45 P. M. Fire—Court street, dwelling house owned by Betts, damage two hundred dollars; no insurance.

Oct. 17th, 10:15 P. M. Fire on Washington street; Andrews' oar factory; damage \$50.

Oct. 20th, 5 A. M. Fire on Lincoln street; dwelling house owned by Thomas Temple; caught from stove; damage \$500; insured.

Oct. 26th, 11 P. M. Work shop Oldtown depot, occupied as stable by Otis Smith; loss \$600; no insurance; supposed to be incendiary.

Oct. 29th, 7 P. M. Lamp explosion, Exchange street; no damage.

Nov. 3d, 2:30 P. M. Fire—Cumberland street, stable occupied by G. W. Parker, and owned by E. S. Farrar, loss estimated \$50; no insurance.

Nov. 21st, 11:55 P. M. County Work Shop, boiler room; no damage of consequence.

Jan. 19th, 7:10 P. M. Sullivan's junk store, Exchange street; put out by Babcock; damage slight.

Feb. 4. Alarm on Front street; shanty; no damage.

#### FALSE ALARMS.

April 17th, 10:30 P. M.

May 8th, 12:20 A. M.

May 31st, 11:40 P. M.

July 11th, 9:40 P. M.

July 12th. Out of town.

Sept. 11th, 8 P. M.

Sept. 12th.

Oct. 31st, 10:30 A. M. Alarm Hazle lane, explosion stove; no damage.

Nov. 2d, 6:35 P. M.

Nov. 8th, 1:20 P. M. Pine street, chimney.

Nov. 15th, 10 P. M. Alarm, York street.

Nov. 17th, 10 P. M. Alarm, George street.

Nov. 20th, 5:45 P. M. Alarm, Court street, chimney.

Jan. 5th, 7:15 P. M. Alarm, Cumberland street, chimney.

Jan. 7th, 7:30 A. M. Alarm, Exchange street.

Feb. 20th. No fire; nine o'clock bell was rung at eight o'clock, by mistake.



# REPORT

OF THE

## WATER BOARD.

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TO THE CITY COUNCIL OF BANGOR :

The first report of Bangor Water Board, organized under an ordinance of the City :

The original water bill, created a Board of three Commissioners, naming them, who were authorized to exercise all the rights and powers granted in the bill. By an amendment of the bill, their term of office was limited to the first day of January, 1877. Previous to the expiration of their term of office, the City Council passed an ordinance, establishing a Board of Commissioners consisting of six persons, who, with the Mayor, as President of the Board, ex-officio, constituted the new Water Board who succeeded the old Board, with all their authority. Two members of the old Board, Hon. George Stetson and William T. Pearson, Esq., who filled the vacancy in the Board caused by the resignation of the Hon. Gorham L. Boynton, were elected by the City Council to the new Board, but they declined serving. The other member of the old Board, our late highly esteemed and respected fellow citizen, Luther H. Eaton, Esq., who had performed the duties of Engineer in the construction of the dam and water works, was employed in connection with a special committee of our Board, consisting of Messrs. Drummond, Savage, and Adams,

to superintend the completion of the fish-way, and until the sluice could be repaired and put in such condition that rafts could be run through it at proper stages of the water. Mr. Eaton discharged his duties faithfully and satisfactorily while in the employment of the Board. In the settlement with the Holly Company, he rendered very important aid. As the City ordinance prohibits any member of the Water Board to receive compensation for services in the employment of the City, had Mr. Eaton been a member of the Board, he could not have been employed with pay for his services.

Mr. Eaton retired April 1st, and the work at the dam has, since, been done under the supervision of the special committee who were associated with Mr. Eaton.

The history of the construction of the dam and works, has been given by the late Board ; and we confine our report, principally, to the improvements that have been made under our supervision.

In order to protect the head-race of the flume from jams of ice, a large pier, with two sides projecting into the river, and its base resting on the shore, has been constructed a short distance above the dam. It is carried up five feet higher than the top of the coping on the wing dam and flume. The corner of the pier most exposed to the force of the ice, was plated with boiler iron. The pier on the east side of the river protecting the fish-way from ice jams, has been elongated seventy-five feet, and the whole structure raised five feet higher than the top of the old pier, and covered with hard wood plank. A small pier five feet high and six feet wide, has been erected from this pier to the granite wall below, a distance of fifty feet, to prevent the flow of drift and rubbish into the fish-way. The old pier at the outlet of the water from the pond to the fish-way, has been raised five feet. The upper slope has been covered with hard wood plank, four inches thick, and the remainder with hemlock plank. A bulk-head to the flume to the fish-way, has been built, in order that the water may be shut off, if necessary, to repair the fish-way. The old pier below the dam outside of the fish-way, has been repaired and filled with stones.

Considerable labor and material have been expended on the sluice. As originally constructed, there were two or three off-sets across the bottom, two or three feet high, and nearly perpendicular. It was found on trial, that these did not work well, and the whole bottom was removed and a new bottom of hemlock timber twelve inches thick, laid crossways of the sluice, and bolted to timbers below, was constructed. Hard wood stringers ten by twelve inches, and about three and one-half feet apart, and parallel with the sides of the sluice, were laid the whole length of it, and the spaces between covered with hard wood plank four inches thick. The sluice has been narrowed four feet on each side, and is now thirty-two feet wide, and two hundred and eighty-two feet long. The sides of the upper end, for about twenty feet, have been raised four and one-half feet for the purpose of the better keeping the ends of the booms in position. The sides of the remainder of the sluice have been raised about two and one-half feet. The sides have been filled with stones, and the raised part covered with four inch hard wood, and the residue with hemlock, plank. Posts have been set near the upper end of the sluice, in order that timbers may be dropped down to shut off the water.

The sluice, as now constructed, does not give entire satisfaction to the lumbermen. The rafts are carried through the sluice with such force, that at certain stages of the tide they make a plunge when they strike the water below the sluice, and the end of the raft doubles under. Various remedies have been suggested, but none that meet the approval of the whole Board. There is a great difference of opinion among practical men and among lumbermen, as to what should be done. It is said by some that the sluice does not point in the direction of the current, and that the rafts rushing into the cross current of the water causes the trouble. To obviate this, one suggestion is to extend the sluice farther down the river, making in it an angle large enough to bring the sides parallel with the current. Another suggestion is to make a horizontal gate at the head of the sluice, so that the quantity of water let into the sluice may be regulated, and the speed of rafts checked. A third remedy is to construct an apron at the lower end of the sluice, of the width of the whole sluice, including the



width of the sides, and extending down river from seventy-five to one hundred feet. The difficulty is just here—a sluice that is adapted to one stage of the tide, is not adapted to another stage.

The stone wall forming the side of the flume between the gate and engine house has been finished, and capped with granite coping. A trench was dug along outside of this wall and a strengthening wall was built, laid in cement, to prevent leakage from the flume. The gate house has been raised two and one-half feet, and the bulk-head under it strengthened by heavy braces, so that it may resist any rise of water in the flume above, the side of the house forming a part of the flume. The coping of the wall above the gate house, and of the wing dam between it and the head-race, has been surmounted with an ash railing five inches thick and thirty inches high, firmly bolted to the coping. This railing, in connection with one side of the gate house, is designed to protect the engine house and grounds against any unusual rise of water. It is not intended as a permanent structure, but it is thought that it will answer all practical purposes, till it can be ascertained by actual experience how much higher the granite wall need be raised.

The temporary structure from the inner corner of the head-race and flume to the high embankment above, has been removed, a trench dug seven feet deep, and hemlock plank set perpendicularly with the upper ends on a level with the top of the railing, and supported with a solid embankment of earth on each side. It is hoped that this will last till an opening may be needed for a canal. As a further safeguard to the water works by a sudden and extraordinary rise of water, preparations have been made in the railroad cut a few rods above the works, so that with a few minutes notice, a gate can be thrown across the track, and effectually prevent the rush of water through that channel.

Two strong booms, one on the west side of the river nine hundred and fifty feet, and the other on this side, one thousand and sixty feet, long, have been made, and hung for guiding rafts into the sluice. A short boom three hundred feet long was made to protect the fish-way against floating rubbish. The small pier,



erected for the same purpose, will enable us to discontinue the use of all but twenty or thirty feet of this boom.

Considerable work has been done on the aprons below the dam. About twenty feet of the east end of the old apron was taken up and rebuilt on the ledge, and extended down the length of the fish-way. An apron seventy-eight feet long and twenty-two wide, including a piece of the old apron about fifteen feet long, that was washed away, has been built. The planks covering this parcel have been washed off; most of them have been saved, and are piled on the shore below, and should be replaced as early as practicable. The construction of the apron was attended with much more difficulty than if built when the dam was being made, and the force of the under-tow was not duly appreciated. The apron now built extends from the fish-way towards the sluice, and in the opinion of the Board, it will be necessary hereafter to extend it most if not all the way to the sluice, distance estimated to be two hundred and thirty-five feet. The wall commenced in rear of the pump house, by the late Board, to prevent the washing of the bank, has been completed.

The grounds around the engine house, and between it and the railroad track, have been graded, and the surface put into as symmetrical form as the relative height of the engine house to the railroad would permit. In order to turn the water from the house, and make a dry walk, a space around the house from six to ten feet wide, has been concreted.

The large rock in the channel a few rods below the end of the sluice, for years an annoyance to those running rafts, has been blasted and removed. The foregoing embraces the principal improvements at the water works. They have been made under the supervision of a special committee. Mr. William Savage had personal charge of the work, and gave very good satisfaction to the committee.

The works are nearly completed. It is expected that an apron must be made to fill up the gap between the present apron and sluice, and some alterations in, or additions to, the sluice, should be made so as better to facilitate the running of rafts.

There has been laid during the year, two thousand eight hundred and twenty-three and one-half feet of main pipe, and three hundred and forty-two services put in.

There are now twenty-two miles and three hundred and eighty-three feet of main pipes of various sizes, from two to sixteen inches, in diameter, and one hundred and fifty-one hydrants. We refer you to the Inspector, F. E. Sparks, for the location of pipes, hydrants, and other matters of interest connected with his department.

For the operations at the engine house, the condition of the works, schedule of tools, and quantity of water pumped, we refer you to the report of the Engineer, W. W. Fellows. The quantity of water given, is by estimation. An indicator was attached to the works a few months ago, so that hereafter the quantity pumped can be accurately ascertained by measurement.

There has been paid during the year \$78,997.93. Of this sum \$22,718.16, were paid to the Holly Company on settlement; and \$30,431.14, including liabilities of \$8,643.26 incurred by the late Board, were expended at the dam in the construction of the fish-way, repairs, and work on the sluice, piers, booms, aprons, etc.

After paying for these improvements, there remained of the \$78,997.93, unexpended the sum of \$25,847.63. Of this sum, \$9,674.84 were paid for land and damages for flowage, and \$5,616.70 for liabilities incurred by and salaries of the late Board. The balance, including \$645.82 paid for the continued salary of Mr. Eaton, to April 1, 1877, was paid for the extension of main pipe, salaries, and other purposes. For the details of all the expenditures, you are referred to the brief and clear statement of receipts and expenditures, furnished by Geo. F. Bryant, Clerk and Collector of water rates; and for a full exhibit of the receipts and disbursements of all money expended in the water department since the commencement of the work, you are referred to the "Memoranda of Standing of Bangor Water Works Fund," kindly furnished by J. L. Crosby, Esq., City Treasurer.

Without going into details, it appears from the exhibit of the Clerk, that the running expenses of the water works from April 1, 1877, to April 1, 1878, including all salaries, fuel, repairs, and

all expenses incidental to the maintenance of the works, was \$3,505.55.

Though the ordinance of the City authorizes the appointment of a Superintendent, none has been appointed; and the improvements have been made under the supervision of members of the Board, and most of them under the special committee who were associated with Mr. Eaton.

There has been an increase of water receipts during the year, and though it is not large, it is gratifying and encouraging that considering the depressions in business, there is any increase.

There were credited to the water account last year, \$7,198.55. Nearly the whole of this sum, but not all, was for the water rates. Since April 1, 1877, there have been collected for water rates, \$11,362.59; and there remain due uncollected bills, considered good, \$715.01, making the total amount of water rates for one year, \$12,077.60, being an increase over the money paid last year, \$407.05.

The number of families taking water April 1, 1877, was seven hundred and two. The number at this date is one thousand and fifty-eight; being an increase of three hundred and fifty-six. The Inspector anticipates an increase of water receipts the present year of from \$2,500 to \$3,000.

In one respect, the Holly water works have thus far proved a great success. From information received from nearly all, if not all, of the fire insurance brokers in the city, we are clearly of the opinion that at the lowest calculation, thirty per cent., at least, has been saved on account of these works, on the premiums formerly paid for insurance. The brokers estimate the saving on assured property on the lines of the pipes, from thirty to fifty per cent. The aggregated length of all the pipes is over twenty-two miles. They afford protection to both sides of the streets, and guard as it were, over forty-four miles of property in the very heart of the city, where is a large part of the investments in buildings, fixtures and merchandise. If all this property is insured to its full value, thirty per cent. of premiums that would otherwise have been paid for the insurance of all this property, has been saved. If it is not insured to its full value, the persons not



insuring receive the benefits of the works by having their property more safe. If all the money thus saved, were paid into the city treasury, it would go far towards relieving the city from taxation on account of these works. It is stated by the Chief Engineer of the Fire Department that the loss by fire in the city this year, is less than \$10,000.

The late Water Board established a tariff of water rates which was approved by the City Council. These rates generally remain as fixed by them. There have been very few slight reductions; and rates have been established for measured water used for domestic purposes. As originally established, the price of water used for propelling motors was five cents for one thousand gallons. It was considered at the time, that this price was very low. In fact, the Engineer stated that at the rate they were pumping water, it cost seven and one-half cents per thousand gallons. But it was thought a low rate would encourage small industries and manufacturing, and thereby increase the taxable property of the city; that what was lost on water, would be made up on taxation. This position is more specious than true. It would require a large increase of taxable property in proportion to the quantity of water used, to balance the loss of one-third of the cost of pumping it. If the works were run to their full capacity,—two million gallons a day,—and there were no leakage, the water sold at five cents per thousand gallons, would hardly pay the cost. Perhaps it is unnecessary to state that the cost is made up of the interest on the sum invested, and the annual expenses of the repairs, and running the works. The Board became satisfied that the water for propelling motors was sold too cheap. After a careful and extended examination of the rates in a large number of other cities, they established for motor rates, where the daily use does not exceed one thousand gallons, fifteen cents; when in excess of that quantity, ten cents per one thousand gallons. These are the lowest rates that have been found in any city. In only four cities, Chicago, Cleveland, New Braintree, Ct., and Holyoke, Mass., do we find the minimum rate where the daily use is in excess of one thousand gallons, as low as ten cents per thousand gallons. In Manchester and Concord, N. H., the lowest rate when the daily use exceeds



one thousand gallons, is thirteen and one-third cents per thousand. In Boston, the price is thirty cents; in Salem, for mechanical purposes, thirty; in Lynn, from twenty to forty; in Worcester, from fifteen to twenty-five; Springfield, twenty-two and one-quarter; in Providence; thirty, and in Portland from thirty to fifty cents per thousand gallons. We have examined the rates in many more cities, and select the above as an average of the whole. In order, however, to a full understanding of the comparative cheapness of water in Bangor with it in these other cities, the cost of the works, the repairs, the running expenses, and the quantity of water sold in each, should be known. Most of the reports do not embrace all these facts. That of Concord, N. H., is an exception. The cost of the works was \$350,000, the annual interest on which is \$21,000; costs of maintainance, \$2,476.33. The average amount of water drawn daily, for 1876, estimated to be 525,000 gallons, and the cash receipts for that year were \$19,001.07. The price of water for domestic purposes, is nearly the same as in Bangor, and of metered water for continuous supplies, from thirteen and one-third to twenty cents per thousand gallons, according to the quantity used. While Concord receives \$19,001.07 for a daily average of 525,000 gallons, Bangor receives only \$12,077.05 for a daily average, as estimated by the Engineer, of 700,000; and Concord has an investment of \$350,000, where Bangor has \$500,000 invested. We have been induced to give these facts, in order to allay complaints against what are considered by many as high water-rates.

In this connection, it may be proper to state that there is a very great loss of water pumped, for which it is difficult wholly to account. It is believed that there is a great waste in dry weather, in sprinkling streets and lawns. In some warm and dry days, the quantity pumped was nearly 1,200,000 gallons; and in the winter, in the coldest of the weather, the quantity pumped in the day time, was at the rate of 1,300,000 gallons per day. This large increase in the quantity, about fifty per cent., can be accounted for in no other way than that in cold weather many persons leave their faucets open, and permit a continuous flow of water to prevent the freezing of their pipes. It is thought that in this way

there is a reckless waste of water. Persons thus wasting, excuse themselves, doubtless, on the ground that the supply is inexhaustible. There is so much speciousness in this view of the case, that many persons who mean to deal fairly with the city, not stopping to think, deceive themselves. It is hoped that when the attention of the public is turned to it, the abuse will, in a great measure, cease.

An ordinance of the city requires all persons supplied with water, to keep their pipes and fixtures in good repair and protected from frost, and also provides that "no continuous flow to guard against freezing, or for other causes, will be allowed but by special permit of said Board, and by paying extra rates therefor."

The ordinance also provides for the use of meters, giving any person who thinks his rates excessive the right to have his water measured, and also gives the Board the authority to attach meters at the expense of the taker, whenever they have reason to believe there is an unnecessary or fraudulent use of water. Unless this waste can be checked, the Board may be constrained to the use of meters in order to stop it. There are now only four meters in use, two of them owned by the city, one by the county and the other by a private party. The fair, the honest way is to measure the water used by meters. Then with moderate rates, no person would have cause to complain. He would pay for what he uses, and the city would receive its just dues.

Charges in favor of the Water Department were made against the City for water used for municipal purposes, but were not allowed. We think this rejection was a mistake. It is true that the allowance or rejection of the charges, would not affect the City treasury. But its allowance would aid the Board in accounting for the water pumped. There would be no question about it, if the water works were owned by a private corporation. It was understood that the City would have paid to the Hat Case Corporation \$15,000 a year for water, had it been brought into the city at that time. That sum was to have been paid, not as a bonus

or gratuity, but for the supposed value of the water to the city. The Bangor Water Works afford the City much more facilities for water, than was proposed by the Hat Case Corporation. There are more hydrants, more pipe, and it is believed that the Holly system affords better security against damage by fire. There is no reason why the City should not be enabled by the facilities furnished by this excellent system, to reduce the annual expenses of the Fire Department, and also to save expenditures for new reservoirs and for the repair of engines and the purchase of new ones as the old ones become worn out. The City Council have made provisions in an ordinance lately passed, that annually before the appropriations are made, the Water Board shall assess upon each Department of the City such sum as they deem it proper such department ought to pay, the whole sum not to exceed twelve thousand dollars, and that the Committee on Finance shall include the sum in the appropriation.

Numerous claimants for damages on account of flowage, have appeared. In all there have been thirty-six cases heard before the County Commissioners. The bill granting authority to take or flow land, provides that if the City and the party sustaining damage cannot agree upon the sum to be paid, either party may apply to the County Commissioners to assess the damages. Under this provision the City Solicitor deeming it would be more convenient and less expensive, applied in the name of the City for a hearing before the Commissioners in thirty-three cases. Three claimants had previously applied, making in all, thirty-six cases. After a full and patient hearing, the Commissioners have assessed damages in all these cases, amounting to \$2,672.00, and \$576.70 costs. Twenty of the cases, in which the damages assessed were \$1,546 and costs, have been appealed to Supreme Judicial Court. In eighteen cases, where the assessed damages were \$1,126 and costs \$248, have not been appealed.

It is understood that the proprietors of the Corporation Mills have notified the City Council of a claim for injuries to their saw mill by jams of ice and back water.



In closing our report, we desire to say the appointees of the Board, Messrs. Geo. F. Bryant, the Clerk and Collector of water rates; F. E. Sparks, the Inspector, and W. W. Fellows, the Engineer, have performed their respective duties in a very satisfactory manner.

AUGUSTUS C. HAMLIN,  
Mayor, President, *ex officio*.  
JOHN S. RICKER.  
ALBERT G. WAKEFIELD.  
MANUEL S. DRUMMOND.  
SPRAGUE ADAMS.  
HIRAM B. WILLIAMS.  
GEORGE SAVAGE.

Bangor, March 14, 1878.



# REPORT

## OF THE

# COLLECTOR OF THE WATER BOARD.

### STATEMENT OF RECEIPTS.

Service account—sale of lead pipe and fittings,	\$26	32
Construction of mains—sale of iron pipe and fittings .....	199	57
Incidental account—sale sundries.....	17	74
Tool “ “ of two old boats.....	5	50
Fountain account—received of City of Bangor, being allowance for work done on water trough, Pickering Square.....	30	95
Construction of dam—sale of logs.....	8	16
Repairs at works—paid by Holly Manuf. Co., for repairs at water works, one-half cost.....	38	47
	\$326	71

### WATER SERVICE.

Received for sale of water, including filling cisterns, and water used for building purposes and fees for turning on water.....		11,362 59
Total cash receipts to Mar. 14, 1878, inclusive,		\$11,689 30

### CHARGES ON WATER ACCOUNT BOOKS.

Amount charged for water service from April 1, 1877, to April 1, 1878.....	\$12,481	51
Amount filling cisterns.....	15	00
Slaking lime and cement.....	9	86
Fees for turning on water.....	14	00
Fractions of quarters... ..	13	41
Rates paid in advance of April 1, 1878..	90	24
	\$12,624	02

## CREDITS.

Abatements made for reductions in rates, changes and errors in returning fixtures, and errors in time. ....	\$276 90	
Shut off for non-payment of rates. ....	49 59	
Amount paid in advance of April 1, 1877, and credited in Collector's acc't to that date. ....	54 01	
Repaid for errors in collection. ....	3 42	
Total cash receipts for water to March 14, 1878, inclusive. ....	11,862 59	
	<hr/>	11,746 51
Leaving uncollected on books of water service..		\$877 51
Deduct for uncollected bills due previous to April 1, 1877. ....	\$113 50	
Deducted for doubtful bills contracted since April 1, 1877. ....	49 00	
	<hr/>	162 50
Leaving am't of water rates unpaid March 14, 1878,		\$715 01

## RECAPITULATION.

Construction accounts—sales of materials. ....	\$326 71	
Water service—received for water, public and private buildings. ....	\$11,310 32	
Water service—rec'd for fractions of quarters. ....	13 41	
Water service—rec'd for filling cisterns,	15 00	
“ “ “ “ turning on water	14 00	
“ “ “ “ slaking of lime and cement. ....	9 86	
	<hr/>	11,862 59
		\$11,689 30
Paid John L. Crosby, City Treasurer, as per receipts. ....	11,675 00	
	<hr/>	
Cash on hand, Mar. 14, 1878. ....	\$14 30	
The above mentioned amount of uncollected rates does not include the use of water from public tanks the past season.		

1878.]

CITY OF BANGOR.

83

There is also due the Bangor Water Board the following sums :

For the introduction of water into Sanford st., in addition to the regular rates.....	\$25 00	
Sale of one large iron boiler from Inspector's dep't, one bolt cutter, to be paid for in black-smith's work.....	16 00	
	25 00	
	_____	\$66 00
 The amount of unsettled bills against the Bangor Water Board, will not exceed five hundred dollars.....		 \$500 00

Respectfully submitted,

GEO. F. BRYANT, Collector,  
Bangor Water Works.

**Account of Furniture belonging to the Bangor Water Board, in  
the office of the Collector of Water Rates.**

1 steam fire proof safe, 1 desk with drawers, 5 office chairs, 3 office stools, 1 waste basket, Lot of field and time books, Lot of plans, Lot of stationery.	Lot of reports of water works, various towns and cities, 1 City Directory, 1 large plan of the water mains, gates and hydrants through- out the city, 4 new water receipt books.
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**Statement of Expenditures of Bangor Water Board, from Jan. 1, 1877, to Apr. 1, 1878, including Contracts made by the old Board.**

	Old Board.	New Board.
Holly Manufacturing Company, in settlement of their contract with the City of Bangor.....	\$22,718 16	
Improvements at the works.....		\$584 73
Flush boards east side dam (permanent fixture,) railing on wall, west side dam, braces, head-gates at pump house.....		187 46
Construction of dam.....	3,116 59	1,157 97
“ “ fish-way.....	2,346 31	6,121 57
Piers outside fish-way, apron outside same, planking outside fish-way piers,.....		1,232 51
Construction of sluice.....	2,091 56	5,453 22
“ “ apron.....		914 78
Lumber used repairing old apron.....		300 00
Wreckers during season, 1877.....		261 25
Construction of boom.....		1,069 76
Piers above dam, east side and west side.....		2,773 39
Construction of wheel-house.....	1,005 90	1,122 66
“ “ pumping house.....		483 21
“ “ gate house.....	82 90	126 37
Repairs at works.....		233 58
Running expenses.....	303 60	532 38
Land damages.....	118 40	9,556 44
Main acct., construction, supplies and repairs...	1,636 73	2,239 86
Service acct., “ “ “ “	303 88	2,368 86
Fountains.....		166 17
Salaries.....	2,685 92	3,742 03
Miscellaneous.....	235 48	184 12
Horse hire, expense of keeping horse, repairs on old wagon, and harness, also the purchase of a new wagon and harness.....	69 22	340 72
Tool account.....	206 47	435 45
Work shop.....		213 24
Store house.....		79 36
Office expenses.....	57 00	138 72
	\$36,978 12	\$42,019 81

Respectfully submitted,

GEO. F. BRYANT, Clerk,

Bangor, March 14, 1878.

Bangor Water Board.



REPORT  
OF THE  
ENGINEER OF THE WATER WORKS.

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BANGOR, March 14, 1878.

TO THE BANGOR WATER BOARD:

Gentlemen—The undersigned respectfully presents the following report:

The engines and pumps at the dam, were placed under my charge on January 10th, 1876.

The pumps were run by steam till January 25, 1877. Since then by water, except five days, namely: On October 10th and 12th, 1877, the pumps were run by steam to show visitors from St. John and Fredericton, our system of water works.

The engines were again connected to the pumps during October 30th and 31st, and the night of the 30th, to make repairs on the wheels, which were frozen up before they were accepted by the City, by the water rising in the wheel-pit during several high tides, causing the curbs to crack in a number of places, and also breaking three gates. The Holly Company repaired the curbs at the time. But the weather growing colder, the gates could not be examined till spring.

The wheels were repaired as above, the Holly Company paying part of the bill.

On December 10th, the anchor ice coming down the river, filled the rack above the gates, preventing the water from flowing into the head-race, and shutting off entirely the water from the wheels. The wheels stopped at half-past two A. M., and were started again at eleven A. M., the most of the ice having passed by. The pumps were kept connected to the engines for nearly a week, as much ice was running; meanwhile pumping our usual supply with the rotary.

When the engines were first used they were pumping at the rate of 500,000 gallons per day with two pumps. On the 6th of March, 1877, a leak was closed on the Hampden road, which reduced the quantity to 400,000 gallons. It gradually increased till December, 1876, to 750,000 gallons.

A rather smaller quantity was pumped during the spring and early summer months; but during the dry season, in the day time, over one thousand gallons per minute have been used.

In the month of January, 1878, 973,763 gallons per day were used. In February, 977,067, and in the month of March, 910,715. The quantity is estimated only till January, 1878, when a counter was attached to the pumps, from which the number of gallons are taken each day.

In January, 1877, the City Government established telegraphic communication between the steam fire engine house and the Water works with gongs at each end of the line, by which we receive the alarm of fire as soon as started in the city.

Since January 25th, 1877, all of the reciprocating pumps have been used, except during repair of valves, when one was detached at a time.

The works have been run to extinguish fires, thirty-nine times. The rotary has been used occasionally. Besides the repairs on the wheels, the iron packing in the pumps has been replaced by rubber. The apparatus for opening the gates of the wheels, has been overhauled and improved. The bevel gears on the water wheels, which were out of gear somewhat, caused by settling of the wheels, have been raised and are now in better condition than ever before.

The wire screen has been newly covered, the past season, and steam pipes have been put into the pit to prevent its freezing.

As the order to clean the filter came so late in the season, it has not been done, but should be in the spring.

The engines and boilers are in good condition, and have been ready to start at any time as soon as steam could be raised. During the winter at one time there was only four feet ten inches fall over the dam, but two wheels were enough to supply the city with water. Enclosed you will find list of tools and material at engine house.

Respectfully,

W. W. FELLOWS.

**List of Tools and Material belonging to Dam, at Water Works.**

2 derricks, with iron stays,	About 1,700 lbs of bolts,
6 wooden scales, for same,	“ 15 lbs 60 penny nails,
2 batteaux,	“ 150 lbs old iron,
6 oars,	3 old pick poles,
1 paddle,	1 length of 8 in. iron pipe,
1 trough for washing gravel,	1 easy bend for 8 in. pipe,
9 sticks hemlock timber,	5 feet of 4 in. pipe.
2 sticks hard wood timber,	1 cap for 16 in. pipe,
feet hard wood plank,	26 pieces of split granite, about
feet hemlock plank,	13 yards,
42 bars 1½ rod iron 5 feet long,	Load old iron bolts,
20 bars of ¾ “ 6½ “	500 lbs. chain for boom.
4 bars of 7-8 “ “ “	

**List of Tools at Engine House.**

1 vise,	1 hydraulic jet,
2 twenty in., and 1 twelve in. M. wrench,	6 drift keys,
1 oil cabinet,	5 cold chisels,
3 S wrenches,	1 ice chisel,
1 coal, and 1 snow shovel,	1 grind stone,
3 crow bars,	1 slice bar,
2 sledge hammers,	1 pair tongs,
1 hoe and 1 rake,	1 steam whistle,
150 lbs waste,	2 pair folding steps,
1 rubber valve, for air pump,	75 lbs. gear grease,
1 wood, and 1 dirt barrow,	1 old axe,
4 pieces leather hose,	2 old pails,
1 hydrant, and 1 valve wrench,	36 cords of wood,
2 spare pulleys, 6 and 12 in,	1 ton coal,
1 piece of 2 in. pipe.	35 5-9 square feet of wire screen,
	150 lbs of gear grease.



REPORT  
OF THE  
INSPECTOR OF WATER WORKS.

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BANGOR, March, 1878.

*To the Honorable Board of Water Commissioners of the City  
of Bangor.*

GENTLEMEN :

I herewith submit the following report of the work under my charge for the year ending March 14th, 1878. At the commencement of the year, we were located in a building on Exchange street, in a very inconvenient shop, having to take all pipe, tools, etc., up a flight of stairs; the City was also obliged to pay rent. In looking for a more suitable place, it was decided to fit up a shop in the city building on Court street. The building was accordingly cleared out, a floor laid, the walls sheathed up, and a good work shop constructed, twenty-nine by twenty-nine and one-half feet, with a store room fourteen and one-half by twenty-nine and one-half feet, which gives ample room for all light stock.

We removed to Court street March 30th, and immediately commenced laying service pipes, which work was steadily prosecuted until late in the fall, during which time three hundred and forty-two services have been put in. Two thousand eight hundred and twenty-three and one-half feet of main pipe has been laid, and a large number of leaks repaired; thirty-three hydrants taken up, cleaned and put back. Three services only have been repaired, and these were caused by defective joints. Two new gates have been put in, and two hydrants have been taken up and reset; three bad breaks have occurred in the twelve inch mains. The first occurred on Hammond street, opposite E. F. Duren's store, August 17, at 2:30 P. M.; this was repaired and water turned on at 11:30, same night. The second occurred also on Hammond street opposite the residence of Jacob Smith, Esq.; this break occurred October 12, at three P. M., and was repaired and water turned on at six A. M., next day. The third occurred on State street at the junction of French street; this main burst November 5, at four P. M., and was also repaired, and water turned on at ten A. M., next day. The second break on Hammond street, showed plainly an old crack as the cause; the other two showed no defect. Although the leaks have been numerous, they can be easily accounted for, inasmuch as nearly all have occurred in that part of the pipe which was laid late in the fall of 1875, and all caused by defective joints.

We have discovered but one leak in pipe laid by the City, and that was caused by a blow hole in the pipe, about three-sixteenths of an inch in diameter, and which was easily repaired.

The eight inch main on Hammond street, which froze up in the winter of 1876-7, we have had protected in the exposed place, by a double box made air tight, which, it is apprehended, will effectually protect the pipe from frost.

By directions of the Board, a gate has been placed in the eight inch main on Hammond street. This gate was very much needed, and we think that several more should be set next season, as we

are often obliged to shut off water for repairs and other causes, sometimes draining a large territory, for want of a gate.

We have had some trouble with our hydrants this fall and winter, owing to surface water running into them and freezing. This can be remedied by draining into the sewers when accessible.

The two drinking fountains which were purchased last year, have been set, one in West Market place, the other near the foot of Exchange street. Water has also been introduced into the granite trough in Pickering square, and has been running through the winter.

The pipe which was on Sanford's wharf, has been moved to the city lot near the city stables. The service pipe which was stored in McLaughlin's store house, has also been removed to the work shop.

In order to be duly prepared against accidents which may occur by bursting of mains, it was thought best to have a duplicate of all castings prepared. A contract was made with the Bangor Foundry & Machine Company, for making the same, and a store house constructed fifteen by twenty-nine feet, to receive them.

Applications have been made, and mains laid by order of the Board, as follows :

Barker street, 214 feet of 2 inch.  
Date street, 343 feet of 2 inch.  
Front street, 244 feet of 4 inch.  
Jefferson street, 156 feet of 2 inch.  
Leighton street, 304 feet of 2 inch.  
Market street, 100 feet of 2 inch.  
Morse's Lane, 270½ feet of 2 inch.  
May street, 193 feet of 2 inch.  
Palm street, 86 feet of 2 inch.  
Pearl street, 385 feet of 4 inch.  
Pine street, 175 feet of 3½ inch.  
Pickering Square, 148 feet of 2 inch.  
Sanford street, 205 feet of 1 inch.

These mains all pay a good interest on the cost, and were much needed.

I have paid for labor as follows :

Construction of mains .....	\$574 52	
Service department .....	1,111 67	
Repairs on mains.....	93 62	
Fountains .....	18 75	
Moving to work shop.....	19 50	
Labor on hydrants.....	10 00	
Repairs on service .....	4 37	
<b>Total,</b>		<b>\$1,832 43</b>

We have four meters set ; two are two inch, and belong to the Water Board ; one, one and one-half inch, owned by the County ; and one five-eighths, by private parties ; the three first named are the Union Meters. These Meters have been run about six months under heavy pressure, one of them under two hundred and fifty-four feet head, giving perfect satisfaction, and as we believe, registering correctly.

The number of services which remain shut off are as follows : Four closed for non-payment of tax ; four by orders of the parties owning them ; fifteen were shut off in the fall, to prevent freezing, they being in exposed places ; sixteen are closed, owing to the house being vacant ; and eighteen, which were put in late in the fall, have not as yet been turned on. In addition to these, there are a large number of tenements vacant, that are supplied with water.

For the amount of main pipe laid to date, its location and size, you are referred to the accompanying table, marked A.

For a list and location of hydrants set to date, you are referred to table marked B.

For a list of the number of water takers, to table marked C.

For the number and cause of all leaks repaired in mains, to table D.



For an account of stock on hand belonging to the service and construction department, to table E.

For a list of tools, to table F.

For the kind assistance extended to me by the gentlemen of the Board, and the Street Commissioner, Mr. Robinson, I tender to each of them my sincere thanks.

Respectfully submitted,  
FRANK E. SPARKS,  
Inspector of Bangor Water Works.

## A

## Amount of Main Pipe Laid to March, 1878.

LOCATION.	SIZE OF PIPE—INCHES.							
	16	12	8	6	4	3½	2	1
At the Works,.....	210.							
Adams Street,.....					421.			
Barker Street,.....							214.	
Birch Street,.....					1,176.			
Blackstone Street,.....							475.	
Boyd Street,.....					477.5			
Boynton Street,.....							850.	
Broadway,.....				3,307.6	12.		302.	
Broad Street,.....			974.5		225.		84.2	
Brown Street,.....							268.5	
Centre Street,.....				2,100.	527.		800.	
Cedar Street,.....				2,028.5	750.5		159.	
Central Street,.....					580.		125.	
Clinton Street,.....			369.					
Charles Street,.....					949.5			
City Stables,.....					198.			
Court Street,.....				2,637.5				
Columbia Street,.....					398.		806.5	
Congress Street,.....					648.			
Cobb's Lane,.....							208.	
Cumberland Street,.....					1,801.		382.	
Date Street,.....							343.	
Davis Street,.....					500.			
Division Street,.....					677.			
East Summer Street,.....					709.2			
Essex Street,.....				3,428.5	525.			
Elm Street,.....							854.6	
Everett Street,.....				816.5	823.		149.5	
Exchange Street,.....			651.	435.5				
Fern Street,.....				1,076.6				
French Street,.....				1,134.5			1,129.5	
Franklin Street,.....					825.			
First Street,.....					696.			
Fountain Street,.....					505.			
Front Street,.....				650.	244.			
Fourth Street,.....					998.6		482.5	
Fifth Street,.....					527.5			
Garland Street,.....				3,746.6				
Grove Street,.....					768.		627.2	
George Street,.....					442.			
Harlow Street,.....			2,346.6					
Hazel Street,.....					248.			
Hammond Street,.....		1,689.	3,253.5		48.			
Hancock Street,.....			2,604.				252.1	
Hayward Street,.....							384.5	
Hay Market Square,.....					358.		189.	
High Street,.....					406.		464.5	
Hudson Street,.....							285.	
Hydrants, (to).....					2,056.8			
Independent Street,.....			368.					
Jefferson Street,.....					514.5		156.	
Kenduskeag Avenue,.....				1,425.	1,125.			
Kenduskeag Bridge,.....	584.6							
Leighton Street,.....							304.	
Lime Street,.....				2,302.	10.			
Market Street,.....							100.	
Maple Street,.....				1,812.				
Madison Street,.....				1,174.5				
Middle Street,.....							117.	
Montgomery Street,.....							484.	
Morse's Lane,.....							270.6	
May Street,.....							198.	
Main Street,.....		202.	3,041.6	3,818.				
Newbury Street,.....			889.7					

## A—Continued.

LOCATION.	SIZE OF PIPE—INCHES.							
	16	12	8	6	4	3½	2	1
Ohio Street, .....			3,050.	2,014.	78.			
Palm Street, .....							484.5	
Parker Street, .....					357.			
Park Street, .....					316.		200.	
Pearl Street, .....					1,703.5			
Penobscot Street, .....					249.5		107.5	
Pine Street, .....					387.5	176.	1,451.	
Pickering Square, .....					190.		356.5	
Pond Street, .....					344.5			
Poor House Street, .....					250.			
Pleasant Street, .....					260.			
Prospect Street, .....					237.5		178.	
Prospect Court, .....							165.	
Prentiss Street, .....					400.			
Railroad Street, .....				786.				
State Street, .....	5,316.	2,456.5						
School House, (new) ...					165.			
Sanford Street, .....								205.
Somerset Street, .....				2,019.6				
South Street, .....					302.			
Sixth Street, .....					564.			
Spring Street, .....					379.5		236.	
Summer Street, .....				1,248				
Second Street, .....							440.	
Third Street, .....			1,971.5					
Thomas Street, .....					300.			
Thaxter's Lane, .....					375.			
Union Street, .....			88.	3,266.	360.			
Union Court, .....							180.	
Valley Avenue, .....					539.			
Warren Street, .....							850.	
Water Street, .....					450.			
Washington Street, .....					1,311.			
West Broadway, .....				748.				
York Street, .....					1,347.5		591.	
Total No. of Feet, ..	6,110.6	4,847.5	19,697.2	40,414.9	31,000.5	175.	14,592.7	205.

## RECAPITULATION.

Number of feet of 16 inch Pipe, .....	6,110.6
“ “ 12 “ “ .....	4,847.5
“ “ 8 “ “ .....	19,697.2
“ “ 6 “ “ .....	40,414.9
“ “ 4 “ “ .....	30,000.5
“ “ 3½ “ “ .....	175.
“ “ 2 “ “ .....	14,592.7
“ “ 1 “ “ .....	205.
Total number of feet, .....	116,548.4

## B

## Number and Location of Fire Hydrants.

	No.
At the Works.....	1
State street, corner of Howard street.....	2
State street, corner of Pearl street.....	3
State street, corner of Birch street.....	4
State street, corner of Maple street.....	5
State street, corner of Lime street.....	6
State street, between Lime and Grove streets.....	7
State street, between Essex and Pine streets.....	8
State street, corner of Broadway....	9
State street, corner of French street.....	10
State street, corner of East Market Place.....	11
Pearl street, south of State street.....	12
Pearl street, between State and Garland streets.....	13
Birch street, between State and Garland streets....	14
Fern street, corner of Garland street.....	15
Fern street, between State and Garland streets.....	16
East Summer street, corner of Hancock street.....	17
Maple street, between State and Garland streets.....	18
Garland street, at end of Maple street.....	19
Newbury street, at head of York street.....	20
Gridley Court, off of Newbury street.....	21
Hancock street, corner of Newbury street.....	22
Hancock street, corner of Boyd street.....	23
Hancock street, corner of Carr street.....	24
Hancock street, corner of Essex street.....	25
Hancock street, corner of Oak street.....	26
Hancock street, corner of Exchange street.....	27
Exchange street, between Hancock and Washington streets.....	28
Washington street, corner of Exchange street.....	29
Washington street, corner of Oak street.....	30
Washington street at Railroad Crossing.....	31
York street, corner of Boyd street....	32
York street, corner of Adams street.....	33
York street, corner of Essex street.....	34
York street, corner of Broadway.....	35
York street, corner of French street.....	36



## B--continued.

York street, corner of Exchange street.....	37
Lime street, corner of Somerset street.....	38
Lime street, at City Common.....	39
Lime street, north of Garland street.....	40
Somerset street, between Elm and Grove streets.....	41
Elm street, corner of Garland street.....	42
Grove street, between State and Somerset streets.....	43
Grove street, between Somerset and Garland streets.....	44
Essex street, head of Penobscot street.....	45
Essex street, corner of Somerset street.....	46
Essex street, head of Cumberland street.....	47
Essex street, corner of Garland street.....	48
Essex street, 400 feet north of Garland street..	49
Essex street, 800 feet north of Garland street.....	50
Essex street, corner of Stillwater Avenue.....	51
Broadway, corner of Penobscot street.....	52
Broadway, corner of Somerset street.....	53
Broadway, corner of Cumberland street.....	54
Broadway, corner of Garland street.....	55
Broadway, near Brown's new houses.....	56
French street, corner of Penobscot street.....	57
French street, corner of Somerset street.....	58
French street, corner of Cumberland street.....	59
French street, corner of Garland street.....	60
East Market Square, opposite of engine house....	61
Park street, near Darling's factory.....	62
Centre street, corner of Somerset street.....	63
Centre street, corner of Cumberland street.....	64
Centre street, corner of Garland street.....	65
Centre street, corner of Jefferson street.....	66
Centre street, corner of Madison street.....	67
Centre street, corner of Congress street.....	68
Jefferson street, corner of Norfolk street.....	69
Madison street, corner of Norfolk street.....	70
Harlow street, corner of Centre street.....	71
Harlow street, corner of Cumberland street.....	72
Harlow street, corner of Kenduskeag Avenue.....	73
Kenduskeag Avenue, corner of Division street.....	74
Kenduskeag Avenue, corner of Jefferson street.....	75
Kenduskeag Avenue, corner of Madison street.....	76

## B--continued.

Kenduskeag Avenue, corner of 'Congress street.....	77
Kenduskeag Avenue, near G. F. Godfrey's house.....	78
Valley Avenue, at Morse & Co's Mills.....	79
Thaxter's Lane.....	80
Central street, east side of bridge.....	81
Cumberland street, corner of Market street.....	82
Spring street, between Harlow and Centre streets.....	83
Prospect street, between Harlow and Centre streets..	84
Franklin street, near the bridge ..	85
Kenduskeag bridge, near Bowler & Merrill's.....	86
Kenduskeag bridge, near Osgood & Lyford's.....	87
Central street, west side of bridge ..	88
West Market Place, at Circular Block.....	89
West Market Place, at Mercantile Block.....	90
Pickering Square, corner of Water street.....	91
Broad street, corner of Independent street... ..	92
Broad street, corner of Union street.....	93
Front street, foot of May street.....	94
Railroad street, at Dole & Fogg's mill.....	95
Railroad street, at depot grounds. ....	96
Summer street, corner of Cedar street.....	97
Summer street, corner of Union street.....	98
Main street, at A. H. Roberts' store.....	99
Main street, corner of Middle street.....	100
Main street, corner of Union street.....	101
Main street, near Davenport Square.....	102
Main street, near Parkhust's factory.....	103
Main street, head of Railroad street.....	104
Main street, corner of Patten street.....	105
Main street, corner of Sidney street.....	106
Main street, corner of Lincoln street.....	107
Main street, corner of Buck street.....	108
Main street, near the City Alms House.....	109
In the yard at City Alms House.....	110
Davis street, corner of First street.....	111
Columbia street, corner of Cross street.....	112
Franklin street, corner of Hammond street.....	113
At City Stables, and County Buildings....	114
Court street, corner of Hammond street.....	115
Court street, near C. A. Nealey's.....	116

## B--continued.

Court street, corner of Boynton street.....	117
Court street, near E. S. Coe's house.....	118
Everett street, corner of Brown street.....	119
Thomas street, corner of Charles street.....	120
Ohio street, corner of Hammond street.....	121
Ohio street, in front of Mrs. Pitman's house.....	122
Ohio street, corner of Hudson street.....	123
Ohio street, head of Everett street.....	124
Ohio street, corner of Bower street.....	125
Ohio street, opposite Highland street.....	126
Ohio street, corner of Fremont street.....	127
Ohio street, corner of Mill Lane.....	128
Ohio street, corner of Fourteenth street.....	129
High street, near Patten Court.....	130
Union street, corner of High street.....	131
Union street, corner of Clinton street.....	132
Union street, corner of Hudson street.....	133
Union street, corner of George street.....	134
West Broadway, corner of Union street.....	135
West Broadway, corner of Cedar street.....	136
Pond street, corner of Hayward street.....	137
Sixth street, near the foot.....	138
Hammond street, corner of Unionstreet.....	139
Hammond street, opposite Fifth street.....	140
Hammond street, corner of Cedar street.....	141
Hammond street, east of West Broadway.....	142
Hammond street, corner of Webster Road.....	143
Cedar street, corner of First street.....	144
Cedar street, corner of Second street.....	145
Cedar street, corner of Third street.....	146
Cedar street, corner of Fourth street.....	147
Fifth street, between Cedar and Warren streets.....	148
Fourth street, between Cedar and Warren streets.....	149
Third street, corner of Warren street.....	150
Parker street, near Stoddard & Hellier's.....	151
Owned by the E. & N. A. R. R. Co., and located near their engine house.....	152 153

## C

## Number of Consumers.

Families.....	1,058
Boarding houses.....	14
Hotels.....	5
Stores.....	119
Offices.....	54
Drug stores.....	6
Barber shops.....	9
Mechanic shops.....	18
Foundries.....	3
Steam boilers.....	14
Bakeries.....	3
Eating saloons.....	7
Meat markets.....	13
Photograph saloons.....	4
Public halls.....	6
Livery stables.....	10
Private stables.....	28
Motors.....	24
Private fountains ..	4
Greenhouses.....	2
Laundry.....	1
Dye houses.....	2
Printing offices.....	2
Churches.....	2
Hack stand.....	1
E. & N. A. R. R. Company.....	1
U. S. Custom House.....	1
Soap factory.....	1
Brick yard.....	1
Wool factory.....	1
Children's Home.....	1
Home for Aged Women.....	1
Tanks for sprinkling streets.....	3
Public watering troughs.....	4
City Hall...	1
City stables.....	1
Steamers house.....	1
Union Hose house.....	1
Holly Hose house.....	1



## C--continued.

E. Low Hose house.....	1
Hook and Ladder house.....	1
Grammar school house.....	1
High school house... ..	1
Police Court house.....	1
City Alms house.....	1
County buildings.....	1
City Agency.....	1

## D

Showing the Number, Location and Causes of Leaks and Repairs  
on Mains.

Street.	Size of Pipe.	No. of leaks repaired.	Causes.
Railroad street.....	6 inch	5.....	Defective joints.
Main street.....	6 "	14.....	" "
Main street.....	8 "	2.....	" "
Court street.....	6 "	14.....	" "
Ohio street.....	6 "	10.....	" "
West Market Square... ..	12 "	1.....	" "
Independent street.....	8 "	3.....	" "
Summer street.....	6 "	3.....	" "
Broad street.....	6 "	2.....	" "
Third street.....	8 "	3.....	" "
Everett street.....	8 "	2.....	" "
Front street.....	6 "	1.....	" "
Union street.....	6 "	5.....	" "
Cedar street.....	6 "	3.....	" "
Hammond street.....	8 "	3.....	" "
Garland street.....	6 "	2.....	" "
State street.....	16 "	1.....	" "
Somerset street.....	6 "	1.....	" "
Exchange street.....	6 "	1.....	" "
Centre street.....	6 "	3.....	" "
Harlow street.....	8 "	1.....	Blow hole.
Hammond street.....	12 "	2.....	Breaks.
State street.....	12 "	1.....	Break.

## E

## Amount of Stock on hand, March, 1878.

## SERVICE DEPARTMENT.

566	feet of 2 inch rubber coated pipe,
2002	feet of 1 1-4 inch rubber coated pipe,
4805	1-2 feet of 1 " " " "
4578	" 3-4 " " " "
2051	feet of 1-2 inch " " "
1	3 1-2 inch couplings,
271	2 inch couplings,
112	1 1-4 inch couplings,
135	1 inch couplings,
37	3-4 inch couplings,
61	1-2 inch couplings,
11	1 1-4 couplings right and left,
21	1 " " "
27	3-4 " " "
12	1-2 " " "
5	3-4 quarter turns, right and left,
12	1-2 " " " "
3	1 nipples, " "
3	3-4 " " "
5	1-2 " " "
35	2x1 1-2 inch reducing couplings,
3	1 1-2x1 1-4 inch reducing couplings,
5	1 1-4x1 " " "
1	1x3-4 " " "
8	3-4x1-2 " " "
36	2 inch quarter turns,
2	1 1-2 inch quarter turns,
17	1 1-4 " "
106	1 " "
76	3-4 " "
36	1-2 " "
7	3-8 " "
3	1-4 " "
16	2x3-4 " T's
17	2x1 " "
8	1x3-4 " "
1	1 1-2 " "

## E—continued.

5	3-4x1-2 inch	T's
10	1	" "
14	1-2	" "
7	3-8	" "
5	1-4	" "
3	1	" crosses,
4	3-4	" "
6	1-2	" "
25	2	" plugs,
11	1	" "
37	3-4	" "
5	3-8	" "
2	1	" caps,
13	1-2	" "
7	2x1	" bushings,
6	2x1-2	" "
2	2x1 1-2	" "
2	1 1-2	" "
3	1 1-4	" "
12	1	" "
5	3-4	" "
12	1-2	" "
14	1	" nipples,
15	3-4	" "
14	1-2	" "
8	3-8	" "
2	2	" unions,
2	1 1-2	" "
2	1 1-4	" "
2	1	" "
3	3-4	" "
2	1-2	" "
1	3-8	" "
1	2	" return bend,
27	2	" cast iron 45 degree bends,
30	service box caps,	
16	cast iron clamps for 2 inch pipe,	
13	service boxes, made,	
137	service boxes, not made,	
65	pounds of nails,	

## E—continued.

2½	barrels of blacksmith's coal,
2	barrels of sand,
1-2	“ cement,
61	3-4 inch lead connections, finished,
2	5-8 “ “ “ “
9	1-2 “ “ “ “
2	5-8 “ “ “ one end wiped,
1	1-2 “ “ “ “ “ “
16	1 1-4 “ stop and waste cocks, composition,
70	1 “ “ “ “ “
53	3-4 “ “ “ “ “
19	1-2 “ “ “ “ “
14	1 “ service stops, composition,
95	5-8 “ “ “ “
73	3-4 “ “ “ “
75	1-2 “ “ “ “
38	3-8 “ “ “ “
13	1 1-4 “ soldering nipples, composition,
4	1 “ “ “ “
39	3-4 “ “ “ “
74	1-2 “ “ “ “
1	2 “ brass union,
1	coil of 1 1-4 inch lead pipe, 203 lbs,
1	“ 1 “ “ “ 331 lbs,
1	“ 3-4 “ “ “ 65 lbs,
2	“ 5-8 “ “ “ 253 lbs,
2	“ 1-2 “ “ “ 256 lbs,
1-2	keg of powder,
520	feet of water proof fuse,
708	pounds of pig lead,
	lot of old iron.

## CONSTRUCTION DEPARTMENT.

8	bars of 16 inch cast iron pipe, 12 feet long,
16	“ “ 12 “ “ “ “ “ “
76	“ “ 8 “ “ “ “ “ “
377	“ “ 6 “ “ “ “ “ “
8	“ “ 6 “ “ “ “ “ “ cracked,
2	R. D. Wood & Co., hydrants,



## E-continued.

3	hydrant bottoms,
2	“ heads,
8	“ leather valve seats,
2	“ valve rods,
21	“ cast iron caps,
1	“ stuffing box,
1	“ inside shell,
1	bale of jute packing,
1	3 inch wrought iron shaft, 3 feet long,
15	pounds of small rope,
2	6 inch gates,
4	4 “ “
2	safety valves for mains,
1	large cast iron chimney cap,
2	16 inch cast iron sleeves,
2	12 “ “ “
3	8 “ “ “
5	6 “ “ “
7	4 “ “ “
4	8 “ “ plugs,
4	6 “ “ “
7	4 “ “ “
1	8 “ “ cap,
2	6 “ “ “
3	8 “ “ reducing rings,
3	6 “ “ “ “
2	12 “ “ bends,
4	8 “ “ “
3	6 “ “ “
4	4 “ “ “
1	8 to 6 inch cast iron reducer,
1	6 to 4 “ “ “
1	8 inch cast iron cross,
1	8x6 “ “
2	6x4 “ “
1	4x4 “ “
3	8x4 “ T's
1	6x6 “ “
1	4x4 “ “
1	16x6 “ “

## F

## Account of Tools in Work Shop, March, 1878.

2 pair of 16 inch pipe tongs.	91 pick handles,
2 pair of 22 inch pipe tongs,	2 wooden snow shovels,
1 pair of No. 2 chain tongs,	45 cant dogs,
1 pair of No. 3 chain tongs,	4 cant dogs, old,
1 large pipe cutter,	10 carrying bars,
1 small pipe cutter,	22 striking hammers,
1 pipe vise,	5 sledge hammers,
1 die plate for pipe,	3 hand hammers,
8 dies for same,	8 top mauls.
3 bushings for same,	14 steel bars,
1 tapping machine,	56 steel drills,
fittings for same,	17 steel hand drills,
1 ratchet for same,	23 steel points,
10 taps for same.	2 steel sets,
8 drills for same,	10 spoons,
1 ratchet brace,	1 shackle bar,
1 ratchet for same,	1 claw-bar,
1 patent pipe wrench,	2 iron tampers,
1 valve wrench,	3 tunnelling chisels,
1 22 inch monkey wrench,	14 cold chisels,
1 small monkey wrench,	1 lead chisel,
3 service wrenches.	1 pipe chisel,
2 hydrant wrenches,	12 caulking tools,
2 vises,	3 marking irons,
1 bitt stock,	1 square,
3 bits,	17 pair of blacksmith tongs,
1 nail hammer,	1 forge.
2 hand saws,	1 bellows,
2 hatchets,	3 flating irons,
3 planes,	7 punches,
1 draw-shave,	3 heading tools,
1 oil stone,	4 hoes,
4 2 inch chisels,	3 pickaroons,
1 wood saw,	10 chains,
7 crosscut saws,	2 tunnelling augers,
2 carpenters' levels, old,	1 tunnelling scoop.
1 carpenter's level, new,	1 furnace for melting lead,
32 adzes,	1 kettle for melting lead,
33 axes,	2 kettles,
30 augers with shanks,	2 ladles,
37 augers without shanks,	1 hydrant pump,
10 hammer handles, new,	2 trench pumps,
5 adze handles, new,	1 set of 10 inch blocks and falls,
5 axe handles, new,	1 set of small blocks and falls,
84 long handle shovels,	2 pipe ropes,
37 long handle shovels, old,	2 tape lines,
9 short handle shovels,	4 wooden pails,
87 picks,	1 tin horn,

## F—continued.

3 tin funnels,	1 coal hod,
2 tin powder cans,	1 coal sieve,
2 small oil cans,	2 shop benches,
2 1 gallon oil cans,	1 stock rack,
2 2 quart oil cans,	2 office desks,
27 lanterns,	1 office table,
14 lanterns, old,	1 waste basket,
1 wheelbarrow,	1 match safe,
1 powder box,	2 ink stands,
5 tool boxes,	1 hanging lamp,
2 grindstones,	1 hand lamp,
1 $\frac{3}{4}$ inch meter,	5 office chairs,
1 pressure gauge,	1 broom,
1 cast iron nozzle, for three inch stream,	2 hand basins,
6 oars, 5 pickpoles,	1 horse,
1 Fairbanks' scale,	1 horse sled,
4 rubber coats,	1 wagon,
2 small derricks,	1 harness, 1 old harness,
lot of ropes for derricks,	2 horse blankets,
lot of fencing for trenches,	1 buffalo robe,
2 floor sets,	1 head stall,
2 stoves,	1 hay fork.

REPORT  
OF THE  
SUPERINTENDENT OF SEWERS.

---

BANGOR, March 13, 1878.

TO THE CITY COUNCIL OF BANGOR:

I respectfully submit the following report of the Sewer Department. There being no appropriation, the department was obliged to depend upon collections laid upon sewers constructed in previous years for funds to keep up the department; and I am happy to inform you the collections have furnished means to make the necessary repairs; also to construct four new cesspools, two chimneys, and to furnish funds which ordinarily should have been drawn from the School fund for the purpose of draining the two school houses and lots on Hudson street, to the amount of one hundred and sixty-one dollars and eighty-five cents; also to clean out and cart away the gravel from one hundred and thirty-six cesspools, some of them two to three times during the season. The collections have not only furnished the funds to pay the above, but have quite an amount left in favor of the department.

Whole amount of money collected,.....	\$3,575 76
Amount expended, .....	1,550 05
Balance in favor of department	————— \$2,025 71

SMITH P. HUTCHINSON,  
Superintendent of Sewers.



# REPORT

OF THE

## STREET COMMISSIONER.

---

**TO THE CITY COUNCIL :**

I hereby submit the following as the report of the Highway Department for the past municipal year :

I suppose the most important question at the present time connectrd with this, as well as all other departments of the city, is the question of finances ; and I will therefore proceed to give you, in the first place, a synopsis of the receipts and expenditures for the past year. According to the Treasurer's accounts, they are as follows :

**RECEIPTS.**

Amount of appropriation.....	\$22,500 00	
From all other sources.....	1,580 59	
	\$24,080 59	

**EXPENDITURES.**

Cost of Merrill's Mill bridge.....	\$2,400 00	
Cost of culvert on Broadway.....	1,800 00	
Commissioner's salary ..	800 00	
All other expenses.....	16,507 80	
	\$21,507 81	

Leaving an unexpended balance in the hands of Treas. of. . \$2,578 28

This is the smallest amount expended in any one year for eleven years, or since 1866-7, when the amount expended was \$20,347.07.

The streets, generally, are in good repair, and if nothing unusual occurs, the expenses for the coming year ought not to exceed from \$12,000 to \$15,000, as you will notice that aside from the two items mentioned viz: Merrill's Mills bridge, and Broadway culvert, the whole expense of the department was but \$17,307.31; and included in that amount is the cost of a number of small bridges and culverts washed away by the freshet of last spring, which, in all probability, is an expense that will not have to be incurred during the coming season. It will not be necessary to make any very expensive repairs on any of the streets, although there are a number of the out of town roads that will need considerable gravelling and smoothing up generally.

As there seems to be a good many contradictory reports in circulation in regard to the cost of the repairs on Thomas street, and also of the cost of building North High street, I feel it is due to you to state the exact amount expended on each of those streets, as shown by my books. The entire amount expended for labor and materials in the repair of Thomas street, including the cost of the concrete walks, was \$680.00, and of this amount there has been paid into the City Treasury by abutting owners, towards paying for the walk, the sum of \$133.48, leaving as the actual cost to the City, the sum of \$546.52. The cost for building North High street was \$106.50.

Respectfully submitted,

J. H. ROBINSON,

Street Commissioner.

SCHEDULE OF PROPERTY  
IN CHARGE OF THE STREET COMMISSIONER.

13 horses,	1 grindstone,
7 sets double harnesses,	4 augers,
1 set lead harness,	3 planes,
1 jigger harness,	1 shave,
1 porter cart harness,	1 spoke shave,
6 sets single harnesses,	1 brace and bits,
13 sets harnesses and chains for	1 cross cut saw,
snow plows,	3 hand saws,
8 double horse carts,	2 wood saws,
2 single horse carts,	1 adze,
3 double jiggers,	2 spirit levels,
1 single jigger,	1 bench vise,
8 sets forward wheels,	1 hand vise,
9 double sleds,	1 steel square,
2 tag sleds,	1 shop axe,
1 bob sled,	3 narrow axes,
1 single sled,	3 monkey wrenches,
2 stone drags,	1 plow wrench,
5 snow plows,	2 nail hammers.
8 plows,	4 striking hammers,
1 harrow,	1 hand hammer,
5 scrapers,	3 sledge hammers,
1 heavy stone roller,	10 drills,
2 light stone rollers,	15 hand drills,
1 cast iron roller,	25 long handled shovels,
4 heavy stone chains,	10 short handled shovels,
1 light stone chain,	4 hay forks,
2 drag chains,	2 manure forks,
3 lead chains,	2 hay rakes,
4 scraper chains,	25 picks,
6 crotch chains,	9 crowbars,
6 sets spread chains,	2 ice bars,
8 pole chains,	4 cant dogs,
7 sets whiffletree and chains,	2 timber hooks,
3 sets blocks and fall,	3 office chairs,
100 feet binding rigging,	1 wash sink,
50 feet binding chain,	1 clock,

1 writing desk,	13 pails,
2 derricks,	9 lanterns,
1 road planer,	2 stoves,
1 stone crusher, engine, etc.,	5 wheelbarrows,
2 tool chests,	1 tar kettle,
3 hand screens,	2 tar ladles,
13 horse blankets,	1 cold chisel,
13 surcingles,	100 tar barrels,
13 halters,	6 iron rakes,
5 crosswalk scrapers,	1 shackle bar,
3 paving mauls,	1 road machine,
3 paving hammers,	1 cultivator.



# REPORT

OF THE

## CITY AGENCY.

---

**TO THE MAYOR AND ALDERMEN :**

I herewith submit the following report of my doings as Agent for the sale of spirituous liquors, from May 10, 1877, to March 13, 1878, as follows :

Liquors of F. C. Morrill.....	\$1,715 60
Fixtures, empty barrels, stove, etc. . . . .	570 38
Bought of State Agent, as per invoice.....	14,669 71
Salaries of Agent and assistant.....	912 52
Rent of store, incidental, etc.....	440 31
Profits for ten months.....	1,899 67
	\$20,208 19

**CONTRA.**

By cash paid City Treasurer .. . . . .	\$18,000 00
Stock on hand.....	1,703 81
Store fixtures, stove and coal, etc. . . . .	504 38
	\$20,208 19

In purchasing my stock of liquors, I have been obliged to buy of the State Agent, at Portland, according to the provisions of the Revised Statutes.

Most of the articles have been of superior grade, and have given general satisfaction.

Whenever an impure article has been sent from the State Agent, it has been returned and replaced by a better one.

Last November I received a communication from the Committee on the Agency, stating that they were informed that a profit had accrued amounting to \$1,500.00, from sales up to that date, (Nov. 1st,) and not desiring to run the business for money making, they directed me to reduce the per cent. or price, and sell as follows :

Best brandy, costing	\$8.80	per gal.	for	\$9.60	per gal.
“ whisky “	3.85	“ “ “	“	4.00	“
N. E. rum “	1.53	“ “ “	“	1.80	“

Other liquors from former Agents, judged not to be good quality, which cost \$5.35, for \$4.00.

Many other liquors, wines, etc., I was ordered to sell or dispose of to the best advantage, regardless of cost, thus closing out articles judged to be poor, and to purchase in the future the best kind ; since then I have followed my instructions to the letter. In consequence of the above instructions, it will be seen that my profits must necessarily be less.

Hoping that the report, with the explanations, will prove satisfactory to your honorable body, it is here

Respectfully submitted,

WM. Z. CLAYTON.

# REPORT

OF THE

## OVERSEERS OF THE POOR.

---

To THE CITY COUNCIL :

The Overseers of the Poor of the City of Bangor, submit their annual report :

### RECEIPTS.

From Mayor's orders,	\$26,185	55
From Samuel Jewett, Superintendent of Alms House, for sales and collections,	\$300	00
From Ashur S. Sands, same,	81	19
From sale of steam boiler and wood furnace,	205	00
From Jonathan Burbank, bal. on settlement,	54	78
From hay sold Highway department,	157	00
From towns for support of their paupers,	3,594	54
	\$4,392	51
Leaving the amount actually drawn from the treasury,	\$21,793	04

### RECAPITULATION.

Appropriation,	\$24,000	00
Amount received from other sources,	4,392	51
	\$28,392	51
Resources of department,		
Deduct expenses of the year,	26,185	55
	\$2,206	96
Balance to credit of department unexpended,		

## EXPENDITURES.

Paid for provisions at Alms House and House of Correction,	\$4,752 90
Paid for blacksmithing,	57 51
burial expenses,	308 00
clothing at Alms House,	749 70
clothing, outside Alms House,	376 92
contingent expenses,	80 60
Children's Home, for board of children,	41 20
dressng for farm,	125 00
furniture for Alms House,	277 80
fuel for the Alms House,	88 30
feed for stock, Alms House,	175 07
Insane Hospital, Augusta,	2,854 93
labor at the Alms House,	728 75
labor on wood lot,	309 49
lumber for repairs,	102 61
medicine and medical assistance,	263 34
other towns for support of paupers,	1,028 38
permanent improvements,	262 74
postage and stationery,	21 65
removal of paupers,	254 71
repairs at Alms House,	499 83
supplies outside of Alms House,	10,522 70
salaries of Overseers and Supts.,	1,175 00
tools for farm, etc.,	167 06
rents for out of town paupers,	62 60
pauper at jail,	27 44
wood and distributing,	876 32
	————— \$26,185 55

When the committee on finance fixed the amount of the appropriation for our department at twenty-four thousand dollars, and that to include a soup house (if one should be needed,) we felt that it was extremely doubtful that we could keep within the sum named; and it affords us much satisfaction that we are able to report an unexpended balance of twenty-two hundred and six dollars and ninety-six cents, (\$2,206.96.)



This result has been secured from the fact that the winter has been favorable, requiring less food and fuel, and that food and fuel have been much cheaper than last year; and further, that our chairman has given almost his entire time to fixing the settlement of those belonging to other towns, and also collecting the amounts due the city for support of their paupers, which amount has reached the sum of \$3,594.54.

And we wish to say here that we are largely indebted to your able and gentlemanly City Solicitor, who has always been ready to give us careful and wise directions in all matters of doubt, and whose labors and counsel have resulted in giving us a large part of the amount reported.

There is still due from other towns about fifteen hundred dollars, (\$1500.00,) which will require careful looking after, lest the time for collecting the amounts should be barred by statute limitation.

The whole number of persons supported (in whole or in part,) for the past municipal year, is sixteen hundred and eighty-five, (1685); of this number, two hundred and thirteen (213) have been in our Alms House for a longer or shorter time; twenty-two (22) at the "Maine State Hospital," Augusta; sixty-two (62) in other towns; two (2) in the Children's Home; three (3) at the Jail; and thirteen hundred and eighty-five (1385) outside of the above-named place in our city.

The number of persons at the Alms House, Work House, and House of Correction, on the first day of March, 1878, was one hundred and five (105,) and adding the Superintendent's family and hired help, one hundred and thirteen (113).

The change that it was necessary to make by the resignation of Mr. and Mrs. Jewett, on account of failing health, has added materially to the expenses in our department; but we are glad to be able to say, that the appointment of Mr. and Mrs. Ashur S. Sands to fill this very important position of Master and Matron of the Alms House and Farm, the wisdom, ability and good judgment they have thus far displayed in this department of our city,

their fidelity and prudence, give assurance that the farm will contribute a larger amount that will serve to lessen the gross expenses of the Pauper Department.

#### FUEL AND ITS DISTRIBUTION.

The fact that the amount cut in the winter of 1876 and 1877, from the city wood lot, necessary for the wants of the department, was so much short of what was required, that we have had to purchase some three hundred cords, has added largely to our gross expenditures this year; and as we require some six or seven hundred cords for the Alms House and outside each year, we again earnestly ask your attention to the importance of reserving the balance of the standing wood for the Alms House, unless a change shall be made in the heating apparatus so as to use coal; and as the amount remaining on the lot will soon be exhausted, we recommend the purchase of another, on the line of one of our railroads, before it is too late to secure it, and while land is so cheap in price.

#### LABOR FOR OUR PAUPERS.

We call attention to the fact that many persons are induced to make the plea of poverty, and go to our Alms House to be wintered, because they will be so comfortably cared for, and have so little to do, and then leave in the spring. We believe if they were required to take a pick, shovel and wheelbarrow, (and we have a plenty,) and level some of the hills, and fill up some of the valleys on the farm, they would refuse to go, or run away; and the facts will apply to many helped outside.

We ask your attention to the want of more pasturage for the number of oxen, cows and horses which it is necessary to keep on the city farm. We do not consider it advisable to take any portion of the mowing or tillage for this purpose; but would advise that you sell from the cleared portion of the "Wood Lot" such part as is not wanted, (and thus save the amount of tax that we are paying to the town of Hampden,) and with the proceeds buy a part of the "Eaton Farm" of Mr. Jewett, and clear it up with

our pauper labor, and prepare it for pasturage, as it is well watered, and joins the city farm.

We refer you to the annexed account of provisions, stock, tools, clothing, and furniture, remaining at the Alms House and farm on March 1, 1878, as furnished by Superintendent.

The usual statistical tables are omitted by reason of the sickness of our former Superintendent.

O. H. INGALLS, } Overseers  
D. W. POTTER, } of  
JOHN P. DAVIS, } Poor.

Amount of Stock, Provisions, Tools, Clothing, &c., at City Farm,  
March 1st, 1878.

## P R O V I S I O N S .

10 barrels flour,  
1 barrel beef,  
1 barrel pork,  
30 bushels barley,  
18 bushels beans,  
25 bushels turnips,  
175 pounds dried apples,  
700 pounds cod fish,  
85 pounds tea,  
60 pounds sugar,  
40 pounds candles,  
60 gal. molasses,  
25 gal. vinegar,  
20 gal. kerosene.

## S T O C K , E T C .

2 oxen,  
3 horses,  
1 bull,  
11 cows,  
3 calves,  
9 hogs,  
45 hens,  
55 tons hay,  
80 cords manure,  
676 cords wood.

## T O O L S , E T C .

1 set double harness, (poor)  
2 set single harness, (poor)  
1 old wagon,  
1 express wagon,  
1 single wagon,  
1 two horse wagon,  
1 two horse jigger,  
2 one horse sleds,  
2 two horse sleds,  
2 ox sleds,  
1 ox bob sled,  
2 ox carts,  
1 dump cart,  
1 farm roller,  
1 sleigh,  
1 pung,  
2 mowing machines,  
1 revolving rake,  
1 fan mill,

2 seed sowers,  
5 plows,  
4 harrows,  
1 horse hoe,  
2 cultivators,  
6 hay rakes,  
7 wheelbarrows,  
4 scythes,  
4 crow bars,  
5 ox chains,  
6 manure forks,  
15 axes,  
6 shovels,  
4 picks,  
6 hoes,  
1 broad axe,  
1 adze,  
1 crosscut saw,  
7 wood saws,  
1 nail hammer,  
1 monkey wrench,  
1 brace bitts,  
1 draw shave,  
5 augers,  
1 boring machine,  
1 cant dog,  
2 hand saws,  
1 pruning saw,  
1 meat saw and cleaver,  
2 planes,  
1 fire extension ladder,  
4 common ladders,  
2 ox yokes,  
1 ox drag,  
1 tackle and fall.

## F U R N I T U R E .

2 chamber sets,  
1 parlor set,  
1 sofa,  
1 sewing machine,  
81 bedsteads,  
4 tables,  
1 extension table,  
71 chairs,  
14 stands,  
6 looking-glasses,



## BEDS, BEDDING, ETC.

252 sheets,  
275 pillow cases,  
124 blankets,  
71 comfortables,  
8 spreads,  
41 towels,  
12 rollers,  
98 straw ticks,  
165 pillow ticks,  
18 feather beds,  
1 camp spread,  
42 yards sheeting,

17 yards gingham,  
12 " drilling,  
6 " ticking,  
12 " plaid.

## CLOTHING.

3 pairs overalls,  
3 men's frocks,  
2 pairs drawers,  
4 " men's socks,  
6 " women's hose,  
13 men's shirts,  
6 hats,  
3 pairs suspenders.

# REPORT

OF THE

## HARBOR MASTER.

---

BANGOR, January 1, 1878.

*To the Honorable Mayor, Aldermen and Common Council  
of the City of Bangor.*

GENTLEMEN:—I respectfully submit the following report for the year 1877, last past.

The harbor opened to navigation March 29th, and closed Dec. 28th; whole number of arrivals during that time, one thousand six hundred and sixty-three. Of this number there were ships, nine; barques, ten; barkentines, two; schooners, one thousand six hundred and thirty-three; steamers, nine; total, one thousand six hundred and sixty-three.

### IMPORTS.

Molasses.....	1,220 hhd
Salt .....	58,000 bushels
Flour.....	50,000 bbls
Corn.....	300,000 bushels
Pork.....	4,000 bbls
Coal.....	21,000 tons
Lime. ....	7,500 casks
Oats.. ..	30,000 bushels
Fish, dry .....	2,000 quintals

## EXPORTS.

Bricks .....	7,000,000
Box shooks (fruit).....	700,000
Hay.....	4,000 tons
Slate.....	2,000 tons
Barrels.....	30,000
Bark, hemlock.....	3,000 cords

There was some two hundred dollars (\$200) appropriated by the last City Government for clearing the Kenduskeag stream, a portion of which has been expended to good advantage; the balance unexpended, is unknown to me, as it was placed in the hands of a committee to be expended. I would now call your attention to the condition of the stream at the present time, which I think is very bad, notwithstanding the amount expended last season, and trust you may make an appropriation this season of a sufficient sum when expended to make it safe and navigable for common class of vessels coming in and out.

All of which I respectfully submit.

S. H. HASTY,  
Harbor Master.

REPORT  
OF THE  
CITY SOLICITOR.

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TO THE CITY COUNCIL OF BANGOR :

I respectfully submit the following report of the legal proceedings in which the City has been interested since March 22d, 1877.

The following cases were pending at the date of my last report, March, 1877, and as their history may be found in that, and the report of March, 1876, it is only necessary for me to state what disposition of them has been made during the past year :

George and Isaiah Stetson, appellants, vs. City of Bangor, is still pending.

City of Bangor vs. Inhabitants of Troy.

This was an action to determine the pauper settlement of one Eliphas Keazer, his wife, Julia A., nine children, and several grand-children. The settlement of the wife is in Bangor, if the husband has no settlement in this State.

Since the marriage, in 1849, the parties have lived in fifteen different towns in this State, and in some towns twice and three times, but in no town five successive years, without receiving supplies as a pauper. The Town of Carmel had once sued the Town of Troy to determine the same question, and judgment was rendered in favor of Troy.



At the October Term, 1876, the City, after a very hotly contested trial, recovered a verdict in this case against Troy. A motion was made to the Law Court to have the verdict set aside, which motion was argued at the last June Law Term, and in December last the motion was overruled and judgment entered upon the verdict. Afterwards the Overseers of Troy took the paupers and paid the charges, viz: \$1,407.

City of Bangor vs. Inhabitants of Palermo.

This action was for the same cause as the last named, and after judgment against Troy was entered up, a nonsuit was entered.

Cyrus Smith vs. City of Bangor.

Action for injuries on account of alleged defective highway on the Carmel road near the mouth of Fourteenth street.

The action was tried at the April Term, 1876, and a verdict was rendered for the plaintiff for \$131.

I filed a motion to have the verdict set aside as against the evidence and the law. The full Court at the Law Term in June, 1876, granted my motion, and the case was again tried at the January Term, 1877, and upon the same evidence the jury found a verdict for the plaintiff for the sum of \$114.

I again filed a motion to set aside the verdict for the same cause, and the Law Court at the June Law Term, 1877, denied the motion, and sent down the following rescript:

“Verdict small; injury doubtful; place of alleged injury not such as the Court would call defective; but as a second verdict has been rendered upon the same facts, and there is some testimony upon which a verdict may stand, the Court, not without hesitation, conclude not to set the verdict aside.”

Gilbert Atwood et al., appellants, vs. City of Bangor.

Charles H. Bartlett et al., appellants, vs. same.

Actions to recover damages for land taken by the City for the extension of First street.

The City, under my direction, paid nominal damages only, viz: one dollar; and the question submitted to the Law Court was whether the City should pay nominal or actual damages.

The Law Court held that the appellants should recover nominal damages only, and that the City recover costs, which has been paid.

William H. Prescott vs. City of Bangor.

This action was tried at the April Term, 1877, and a verdict rendered for the plaintiff for \$472.73.

I filed a motion for a new trial as against the evidence and the law, which was argued at the Law Term in June last; and in December last that Court sent down the following rescript:

“In this case we think the jury mistook or disregarded the evidence introduced by the defendants to show that the trench, which was the *locus in quo*, was properly guarded and lighted.

In our view this evidence conclusively shows that the City of Bangor did its duty in both these respects.

We do not think the evidence warrants the verdict, the City having done its duty in the first instance.

If the trench was not properly guarded and lighted when the accident happened to the plaintiff, there would be no municipal liability for want of notice; and if it was not properly lighted and guarded at the time, the plaintiff could not recover on account of his own negligence.”

At the January Term, last, the plaintiff persisting, the case was again tried with substantially the same evidence, and the jury rendered a verdict for \$712.50.

I filed a motion for a new trial as against the evidence and the law, and on account of excessive damages, which is now pending.

Michael Conway, pro ami, vs. City of Bangor.

James Conway vs. same.

Actions to recover for injuries on account of alleged defect in Walter street.

I filed a demurrer to these actions, which the Court sustained, and a nonsuit was entered.

City of Bangor vs. Rufus Damon.

On examination, finding the defendant intended to contest the suit, and that the amount involved was not worth the risk of a bill of costs, I consented to an entry of “Neither Party.”

City of Bangor vs. William D. Lewis.

An attachment of real estate was made soon after the decease of defendant's father, William Lewis, and his estate is not yet settled.

City of Bangor vs. Inhabitants of Newburgh.

Same vs. Hampden.

Actions to recover for pauper supplies to one Jonathan Andrews, his wife and daughter, and have been settled.

City of Bangor vs. Inhabitants of Bucksport.

Same vs. Inhabitants of Winterport.

Action for pauper supplies to one Nathaniel Page. The question of his pauper settlement being in issue, after a very careful examination I became satisfied that his settlement was in Bucksport, and at the last October Term I tried the action against Bucksport, but the jury rendered a verdict in favor of Bucksport, and thereupon the Overseers of Winterport settled with the City.

City of Bangor vs. Inhabitants of Orono.

Same vs. Inhabitants of Alton.

Same vs. Inhabitants of Passadumkeag.

Actions to recover for pauper supplies furnished one Lois Doe, since deceased; and after the cases were prepared and ready for trial at the last January Term, they were settled.

Inhabitants of Hampden vs. City of Bangor.

Action to recover for pauper supplies furnished one Mary Knowles, since deceased.

The case was referred to Hon. John A. Peters to report the facts to the Law Court, which has been done, and the case will be ready for argument at the next June Law Term.

John M. Leonard vs. City of Bangor.

The plaintiff becoming satisfied that he could not maintain his action, it was entered "Neither Party," at the last October Term.

John C. Buzzell et ux vs. City of Bangor.

Action to recover \$20,000, for injuries from slipping on the ice on the sidewalk on Union street, near Hudson street.



I have been ready for trial at both the October and January Terms; but the plaintiff has asked for delay, which the Court granted.

Samuel H. Blake, petitioner to the County Commissioners, for abatement of taxes assessed in 1875.

After a preliminary hearing, the petitioner at the October Term of the Board, caused the action to be dismissed.

Mary E. Cochran vs. City of Bangor.

An action to recover \$2000 for injuries received for an alleged defect on account of a ridge of ice on the sidewalk on State street, near the junction of Lime street.

The accident happened about nine o'clock in the evening of January 20, 1877.

No opportunity for an investigation of this case was given until after the suit was brought. After I received knowledge of the accident, to wit: about the first of March, I made very diligent inquiries about the condition of the sidewalk at the time of the accident, of those people who traveled over it daily.

All my information was to the point that no defect existed for which the City was liable, till the day before the trial, when I heard that Edwin Clark, Esq., was the principal witness for the plaintiff. I interviewed him at once, and learned from him that he was summoned by the plaintiff, and what his testimony would be; but it was too late to attempt negotiations for a settlement—and so I submitted the question of damages to the jury.

The case was tried at the October Term, and a verdict of \$250 was rendered, which has been paid.

Emeline McKuhn vs. City of Bangor.

An action for \$2,000 for injuries by reason of slipperiness of the sidewalk on the west side of State street, between Broadway and French streets, December 4th, 1876. I have investigated the case carefully, and do not believe the City liable.

Maggie Quigley vs. City of Bangor.

An action for \$1,000 for injuries on account of an alleged defect, to wit: A ridge of ice in the sidewalk in front of the Lowder block, on Hammond street, Jan. 21, 1877. I did not believe the



City liable for the accident. According to the plaintiff's own testimony, and she was alone at the time of the accident, there was no defect. The defect which she testified to was the cause of the accident, was what would naturally have *prevented* the accident to a person in the use of ordinary care. But the jury rendered a verdict for the plaintiff for \$200. A less sum than the plaintiff had ever offered to take in settlement. I have filed a motion to have the verdict set aside as against evidence and the law, which will be argued at the June Law Term.

The following actions in which the City is interested have been commenced since March, 1877 :

Joseph O'B. Darling vs. City of Bangor.

An action to recover \$624.34 and interest since July 15th, 1874, on account of an alleged defect in the Exchange street sewer in May and June, 1874, whereby the plaintiff claims that his cellar, to wit: No. 135 easterly side of Exchange street, was filled with water.

The premises were owned by Charles E. Phillips, who had connected the same with the Exchange street sewer without any written application to the municipal officers for a license to enter; neither had he received any written permit to enter, nor paid any assessment for entering at the time of the alleged damage.

The case was tried at the April Term, 1877, and made "Law on Report." The following rescript is just received :

"Plaintiff nonsuit. Costs for defendants."

Carrie N. Savage vs. City of Bangor.

An action for \$1,000 for alleged injuries from slipping on the ice outside of the traveled part of Franklin street, on the westerly side thereof, about twenty feet northerly of Thacher's block. The claim was investigated by the committee on accounts and claims, and their conclusion was that the City was not liable.

There was no testimony that the City had ever laid out or accepted a sidewalk on that side of Franklin street, or expended any money or labor upon the same for a sidewalk; and the Court instructed the jury that if such were the facts the plaintiff could not recover.

But the jury rendered a verdict of \$150, and I have filed a motion to have the verdict set aside as against the evidence and the law, which will, I have no doubt, be granted by the Law Court.

Margaret Montgomery vs. City of Bangor.

An action for \$1,000 to recover for injuries received on the 2d day of December, 1876, from slipping on the ice on the sidewalk on the westerly side of State street, at the junction of French street. This case was investigated by the committee on accounts and claims; and from the plaintiff's own statement, they were satisfied there was no defect for which the City was liable.

John S. Squires vs. City of Bangor.

An action to recover \$2,000 for injuries alleged to have been received on the evening of 10th day of April last, on account of an alleged defect in Front street, at the foot of Union street.

The committee on accounts and claims gave the plaintiff several hearings, and became satisfied that if the plaintiff received any injuries, as alleged, there was no defect for which the City was liable.

Eliza B. Hamlin vs. City of Bangor.

Pierre McConville vs. same.

Actions to recover damages alleged to have been suffered on account of cutting Court street to its west line, in front of the brick block.

The residents on the west side of Court street, early last spring petitioned for a concrete walk. The City Engineer found the west line of Court street, and in cutting to that line to lay the concrete, it was found that the owners of the block were about ten inches over into the street, and so much of their fence, steps, and embankment as were over the line into said street, was removed.

The plaintiffs claim under section 76, of chapter 18, Revised Statutes, which reads as follows: "When buildings or fences have existed more than forty years fronting upon any street appropriated to public use, the bounds of which can be made certain, such buildings or fences shall be deemed to be the true bounds thereof."

Albert W. Paine in Equity vs. the Mayor and Street Commissioner of Bangor.

The City Council, by an order passed June 19, 1877, directed the Street Commissioner to remove all obstructions within the west line of Court street. It was found that the fence and hedge in front of Albert W. Paine's premises were within the limits of Court street, as laid out in June, 1836.

Mr. Paine, by his bill, obtained an injunction from the Court to enjoin the Street Commissioner from removing his fence and hedge; claiming that the fence had existed forty years where it now stands.

I have investigated the question very fully, and find that a fence was built on the line where it now stands prior to November, 1836, and has been kept up on the same line ever since; and by the statute above cited Mr. Paine will hold the same by the forty years' possession.

City of Bangor by Complaint of the Overseers of the Poor, vs. Uriah Roundy.

This process is to compel defendant to support his father, who has been supported by the City of Bangor.

A hearing was had before the Court at the January Term. The evidence disclosed that the defendant has, since the complaint was filed, taken his father home, and is now taking care of him, thus relieving the City. The case was, therefore, continued to the next term.

City of Bangor vs. William H. Smith.

An action to recover his personal taxes for year 1876, \$401.15.

Mr. Smith claims that on the first day of April, 1876, he had abandoned his residence in Bangor, and was residing in Brooklyn, New York, and therefore not liable to taxation in Bangor.

City of Bangor vs. Ellen Gainer.

Same vs. John Leonard.

Actions to recover for supplies heretofore furnished the defendants. I believe I have secured the whole or a part of the amount due, by attachment of real estate.



City of Bangor vs. Inhabitants of Bradford.

Same vs. Inhabitants of Hudson.

Action to recover for pauper supplies furnished one Isaac Cunningham.

City of Bangor vs. Inhabitants of Hampden.

Same vs. Inhabitants of Winterport.

Actions to recover for pauper supplies furnished one Eben E. Ellingwood.

City of Bangor vs. Northern Border Publishing Co.

Same vs. Bangor Publishing Co.

Actions for taxes of 1875, '76, '77, which have since been paid.

City of Bangor vs. Inhabitants of Hermon.

Action to recover for pauper supplies furnished one Lora E. Clark.

City of Bangor vs. Inhabitants of Troy.

A second action for pauper supplies to the Keazer family, since settled.

During the year the following action has been taken concerning the damages from flowage to land-owners in Brewer and Eddington, under and by virtue of Section 4 of the "act to supply the City of Bangor with water," before the County Commissioners.

John Dresser, pet., vs. City of Bangor.

The petitioner claimed large damages for the alleged destruction of valuable mill privileges, and flowage of land. After an exhaustive hearing upon the premises the Commissioners awarded:

Damages, .....	\$130 00	
Costs, .....	62 32	
	<hr/>	\$192 32

No appeal has been taken.

John E. Green, pet., vs. same.

Awarded,

Damages, .....	\$240 00	
Costs, . . .	83 32	
	<hr/>	273 32

Appealed.



Harriet G. Clark, pet., vs. same.

Awarded,

Damages, . . . . .	\$250 00	
Costs, . . . . .	21 52	
		271 52

Appealed.

By an order of the City Council passed June 19th, I was directed to petition the County Commissioners in behalf of the City, to assess the damages suffered by owners of land in Brewer, Eddington and Bradley, on account of the dam.

In accordance therewith, I made petitions to have the damages assessed in favor of the following named persons, and the cases have all been tried before the Commissioners, and the damages and costs assessed, as follows:

1. City of Bangor, pet., vs. Amasa Barrett et ux.		
Damages, . . . . .	\$150 00	
Costs, . . . . .	18 74	
		168 74
2. Same vs. Daniel B. Jackson.		
Damages, . . . . .	\$42 00	
Costs, . . . . .	17 50	
		59 50
3. Same vs. Alonzo White.		
Damages, . . . . .	\$12 00	
Costs, . . . . .	17 62	
		29 62
4. Same vs. Mary E. Boynton.		
Damages, . . . . .	\$18 00	
Costs, . . . . .	19 98	
		37 98
5. Same vs. Cora B. Severance et al.		
Damages, . . . . .	\$80 00	
Costs, . . . . .	13 90	
		93 90
6. Same vs. Sarah Jackson.		
Damages, . . . . .	\$24 00	
Costs, . . . . .	16 26	
		40 26

7.	Same vs. Heirs of Hollis Bond.			
	Damages, .....	\$64 00		
	Costs, .....	16 38		
		<u>          </u>		80 38
8.	Same vs. Elisha Bedell.			
	Damages, .....	\$120 00		
	Costs, .....	11 48		
		<u>          </u>		131 48
9.	Same vs. Maria M. Rowe.			
	Damages, .....	\$12 00		
	Costs, .....	16 38		
		<u>          </u>		28 38
10.	Same vs. John Sullivan et al.			
	Damages, .....	\$42 00		
	Costs, .....	16 38		
		<u>          </u>		58 38
11.	Same vs. Roxanna A. Howard.			
	Damages, .....	\$110 00		
	Costs, .....	16 32		
		<u>          </u>		126 32
12.	Same vs. Geo. A. Smart.			
	Damages, .....	\$80 00		
	Costs, .....	10 18		
		<u>          </u>		90 18
13.	Same vs. Elias Jones.			
	Damages, .....	\$38 00		
	Costs, .....	10 18		
		<u>          </u>		48 18
14.	Same vs. Sabrina Howard.			
	Damages, .....	\$18 00		
	Costs, .....	15 02		
		<u>          </u>		33 02
15.	Same vs. Belinda F. Gilbert.			
	Damages, .....	\$40 00		
	Costs, .....	15 02		
		<u>          </u>		55 02
16.	Same vs. Geo. F. Adams et als.			
	Damages, .....	\$90 00		
	Costs, ..	15 02		
		<u>          </u>		105 02

## 17. Same vs. Charles A. Nealley.

Damages, .....	\$66 00	
Costs, .....	15 02	
	<u>          </u>	

81 02

## 18. Same vs. Heirs of Margaret Hathorn.

Damages, ..	\$50 00	
Costs, .....	11 48	
	<u>          </u>	

61 48

From which assessment of damages the above named parties have petitioned for an increase, and the cases will be tried by a jury.

The following have not appealed:

## 1. Same vs. Mellen Gilmore.

Damages, .....	\$200 00	
Costs, .....	10 18	
	<u>          </u>	

\$210 18

## 2. Same vs. Luther B. Gilmore.

Damages, .....	\$11 00	
Costs, .....	10 18	
	<u>          </u>	

21 18

## 3. Same vs. Jane Roberts.

Damages, .....	\$46 00	
Costs, .....	11 42	
	<u>          </u>	

57 42

## 4. Same vs. Mary Sinclair.

Damages, .....	\$90 00	
Costs, .....	16 32	
	<u>          </u>	

106 32

## 5. Same vs. Williard Howard.

Damages, .....	\$90 00	
Costs, .....	15 02	
	<u>          </u>	

105 02

## 6. Same vs. Marshall E. Rand and al.

Damages, .	\$5 00	
Costs, .....	15 02	
	<u>          </u>	

20 02

## 7. Same vs. William Johnson.

Damages, .....	\$150 00	
Costs, .....	15 22	
	<u>          </u>	

165 22

8.	Same vs. Timothy Scammell.		
	Damages, .....	\$50 00	
	Costs, .....	16 26	
		<u>          </u>	66 26
9.	Same vs. Michael O'Brien.		
	Damages, .....	\$76 00	
	Costs, .....	15 02	
		<u>          </u>	91 02
10.	Same vs. Heirs of Alanson Merrill.		
	Damages, .....	\$24 00	
	Costs, .....	15 02	
		<u>          </u>	39 02
11.	Same vs. Mary E. Lane.		
	Damages, .....	\$18 00	
	Costs, .....	16 38	
		<u>          </u>	34 38
12.	Same vs. Daniel Spencer et al.		
	Damages, .....	\$24 00	
	Costs, .....	10 18	
		<u>          </u>	34 18
13.	Same vs. Thomas F. Rowe.		
	Damages, .....	\$12 00	
	Costs, .....	10 18	
		<u>          </u>	22 18
14.	Same vs. Don Carlos Sinclair.		
	Damages, .....	\$60 00	
	Costs, .....	10 18	
		<u>          </u>	70 18
15.	Same vs. Frank Sibley.		
	Damages, .....		140 00
	Making a total of damages assessed, .....	\$2,672 00	
	Total of costs, .....	576 70	
		<u>          </u>	\$3,248 70
	Total amount settled, .....	\$1,126 00	
	Total amount of costs on same, .....	248 90	
		<u>          </u>	\$1,374 90
	Total amount appealed from, .....	\$1,546 00	
	Total amount of costs on same, .....	327 80	
		<u>          </u>	1,873 80
			<u>          </u>
			\$3,248 70



In the hearings upon all these cases before the County Commissioners, I endeavored to have nothing withheld that would aid the Commissioners in arriving at a fair and just award of all the damages actually suffered by the parties, and thus avoid if possible any reasons for petitions for increase of damages. During the hearings the Commissioners were upon the premises several times with the owners; and after the hearings were finished, and before the awards were made up, at my request, the Commissioners went upon each man's premises, and then and there made their assessments of damages.

Ann F. Ray et ux vs. City of Bangor.

This is an action to recover \$1,000 as damages alleged to have been caused by ice on the easterly side of Main street, nearly in front of J. P. Gould's store, in the northerly end of the Dolan block, so called, on the first day of March, 1877, and will be entered at the April Term, next.

There have not been so many actions in which the City has been summoned as trustee, as during the year 1876.

THOMAS W. VOSE,  
City Solicitor.

# REPORT

OF THE

## CITY PHYSICIAN.

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### TO THE CITY COUNCIL :

The following report is respectfully submitted: I have made one hundred and fifty-eight visits to the Alms House, and seven hundred and forty-six prescriptions to the inmates, and have attended four confinement cases. During the year five deaths have occurred.

Name.	Cause of Death.	Date.
James Fisher,	Internal injuries,	July 9, 1877.
James Hearn,	Chronic gastritis,	July 12, 1877.
Lucy Welsh,	Old age,	Aug. 10, 1877.
Abner P. Deland,	Inanition,	Aug., 1877.
An Infant,	Purpura,	Jan. 25, 1878.

To patients outside of the Alms House, I have made two hundred and seventy-eight visits, and sixty-eight office prescriptions. Five births have occurred among the out patients.

I would take this opportunity to express my thanks to the Overseers of the Poor, to the former Superintendent, Mr. Jewett, to the present Superintendent and Matron, and to all with whom I have been officially related, for their uniform kindness and courtesy to me.

W. F. SHEPARD, M. D.,  
City Physician.

# REPORT

OF THE

## HEALTH OFFICER.

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TO THE CITY COUNCIL:

GENTLEMEN: I have the honor to submit herewith, my report of the Health Department, for the past municipal year; an office, as you are aware, that has for several years, required and received the entire service of a salaried officer. I have endeavored to meet all the calls made upon me as promptly as my other duties would admit of, and I think, without detriment to any.

The average number of deaths in the city for the past five years, has been 298; whole number this year, as by undertaker's report, is 268; showing that the past year has fallen below the average, 30.

The health of a community is dependent upon so many circumstances beyond human foresight or investigation, that I will not attempt to burden you with any suggestion of my own, but accept the gratifying result with thankfulness to Him who holds the issue of life and death in His hands. Yet I think the introduction of pure water, and an extensive system of underground sewerage, has and will continue to exercise a beneficial influence upon the general health of our city.

Aside from the numerous calls made upon this office, especially during warm weather, of which no note has been made, I have caused to be abated sixty-three (63) local nuisances, several of which had existed two or three years. I do not attribute this to

any fault of my predecessor in office, but to the fact that they arose from old and abandoned sewers, whose outlet had been closed in the construction of new sewers, and no connection made.

In the discharge of my duties, I have found one great obstacle in the conflict of existing laws. Under special statutes, page 40, section 2d, of our revised City Ordinances, it is made the duty of every owner of a tenement used as a dwelling house, to provide a suitable privy for such tenement, which certainly seems to be a necessary and suitable requirement, and one demanded by the common necessities of life. Yet section 11th, page 100, forbids such a construction within one mile of Kenduskeag bridge, unless it is located thirty feet from any dwelling house. I have no doubt that it was the intention of the framers of this ordinance, to make a *practical law*, yet I think there are but few tenements in the city, in which this ordinance is not violated. But as they are generally in the back buildings, and do not annoy their neighbors, no notice is taken of them. But in the discharge of my duties, I have several times been met with this difficulty, in the densely populated parts of the city, where the dwellings are closely packed together, as between York and Hancock streets. In such cases, the ordinance could not be complied with. All I could do, was to see that they were properly cleansed and kept in order.

Trusting that the health of the city has not suffered, by consolidating the three offices of City Marshal, Committee on Truancy, and Health Officer.

I am respectfully yours,

ELIJAH LOW.

Health Officer.



REPORT  
OF THE  
CITY MARSHAL.

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TO THE CITY COUNCIL OF BANGOR :

GENTLEMEN: In compliance with the City ordinances, I herewith submit my report of the Police Department for the year ending March 11th, 1878.

POLICE FORCE

Consists of Marshal, and twelve Policemen, who are assigned to duty as follows :

In order that the police station shall be always open to attend to prisoners, and their arraignment, trial, and final disposition, and also the shelter of men,—and attend to outside calls, so frequently made upon the department, either the Marshal or one of the policemen have to be in constant attendance at the police station.

One is required in the vicinity of the steamboat wharves and depots, another for West Market Square and Kenduskeag bridge. On the east side, one on Exchange, Hancock, and Washington streets, and another on the upper section, embracing Harlow street and the bridges connecting the two sides of the stream.

In case of disturbances, one man is not sufficient to cope with a crowd, and frequently much delay is caused by the distance between the policemen's beats.

Our night police consists of a captain and three police on each side of the stream, who come on duty at six o'clock P. M., and go off at four A. M. Two men go on duty at nine P. M., and

continue till seven A. M., leaving two policemen for each side of the stream, from six to nine P. M., and one on each side from four to seven A. M.

The usual quota of policemen, is one to every one thousand inhabitants. The city of Boston has one to every five hundred. We have a city variously estimated at from eighteen thousand to twenty thousand, with but twelve policemen, and yet there are men in our city, who say we have too many, and that a half dozen *street loafers*, now doing that duty for nothing, would be glad to loaf cheap. But I hardly think our citizens would care to entrust their stores and banking institutions to such hands, unless they are prepared to share the fate of our neighbors at Dexter.

Robbers, burglars, and cut-throats are better posted on the police departments throughout the country than are our own citizens.

And it is due to the character and efficiency of our small force, that our city owes its exemption from such murderous outrages as have shocked and outraged other places less protected.

The following schedule will show you some of the work done by this department the past year, a large and important part of which, has, necessarily, not been subject to record :

Whole number of arrests, eight hundred and twenty-six.

#### CAUSES OF ARREST.

Drunkenness .....	385
Assault and battery .....	45
Assault on officers.....	4
Adultery .....	2
Abuse of child.....	1
Breaking and entering .....	6
Bonfires, setting .....	4
Breaking windows.....	5
Bigamy.....	1
Capias, on.....	30
Committing nuisance.....	2
Carrying concealed weapons .....	2
Contempt of court.....	1
Disturbing temperance meeting .....	2
Disorderly conduct.....	32

Disturbing meeting .....	1
Disguise in female clothes.....	1
Disturbing school.....	3
Damaging fire apparatus.....	3
Escape from Jail.....	1
Fast driving.....	6
Fornication .....	6
False alarm.....	1
Forgery .....	1
Fraud .....	1
Gambling.....	4
Incendiary attempt.....	1
Insulting ladies in street.....	2
Illegal sale of intoxicating liquors.....	10
Indecent assault .....	1
Insanity .....	4
Indecent exposure.....	2
Keeping house of "ill fame".....	1
Keeping unlicensed dogs.....	3
Larceny .....	36
Loafing at depots .....	2
Malicious mischief.....	3
Obstructing sidewalks.....	3
Obtaining liquor at Agency, on false pretence.....	2
Obtaining money on false pretence.....	3
Obtaining goods on false pretence.....	3
Overseers' warrant.....	2
Obstructing officers .....	2
Peddling in streets.....	1
Robbery, highway.....	1
Robbing gardens.....	17
Run over by railroad train.....	1
Rape .....	2
Search and seizure.....	5
Stolen goods .....	5
Secreting same.....	1
Sent to Insane Asylum.....	3
Sent to Reform School.....	2
Street walking.....	3
Sliding on street.. ..	7
Snow balling .....	7

Shooting.....	1
Sabbath breaking.....	6
Truancy.....	14
Vagrancy .....	15
Safe keeping .....	105
	<hr/>
	826
Furnished lodgings .....	495

In addition to the above schedule, the number of search and seizures participated in by the police, in conjunction with the Sheriffs, one hundred and thirty-four.

Number of gallons of liquor seized and destroyed by police, fifty.

The number of places of business found by the night police unlocked and exposed, and taken in charge by police, one hundred and eight.

On the east side.....	64
On the west side.....	44
	<hr/>
	108

In addition to the successful detection and arrest of criminals in this city and vicinity, quite a number of calls have been made upon us from abroad—from New Jersey, New York, Boston, and even as far as Illinois, and the fugitives have been promptly arrested, property secured, and the prisoners surrendered to the officers calling for them.

#### FINANCIAL EXHIBIT.

Amount paid City Treasurer by Police Court.....	\$2,001 11
Amount paid City Treasurer by City Marshal.....	544 37
Amount paid City by County Treasurer .....	1,166 23
	<hr/>
	\$3,711 71

Two thousand dollars (\$2,000.00) was cut from the pay of this department last spring, yet we now show an unexpended balance in the police fund of \$1,515.58.

In consolidating in one the three offices of Marshal, Health, and Truant Officers, which had required three officers to discharge the duties, I was well aware that I had upon my hands sufficient duties to tax my time and attention, to the exclusion of all other calls.



The rigid enforcement of the liquor law, I felt was demanded by the best interests of the community. The suppression of rum shops, the fruitful source of poverty, crime, and consequently taxation, was made a prominent feature in the organization of your police, by the Board of Aldermen. At the outset, I was told by the Sheriff that he should cut down his force one-half, and should have to rely largely upon the police to make up the deficiency of force in executing the law. Arrangements were accordingly made, and the two forces united, and have acted together successfully during the past year.

I think it safe to say that the liquor traffic was never more thoroughly suppressed in our city than at the present time.

Under the above arrangement, the police have assisted in about one hundred and forty (140) search and seizure cases.

I have never entertained the opinion that men's appetites can be governed by law. The dealer and drinker occupy entirely different ground. The former is governed by purely *pecuniary motives*, and will quit the business when it ceases to pay. The drinker is bound by his appetite and social surroundings, and these seem to be stronger than the most sacred ties of social life. And it is only the victim of intemperance, who can understand the battles he has to fight, ere he finally gives up, and surrenders *all* to his *accursed appetite*.

The reform movements, that had their origin in Maine, and are extending their saving influence all over our land, numbering to-day five million (5,000,000) pledged men, (thus sending light, peace and prosperity, into millions of once sad hearts, and thousands of desolate homes,) will always find a necessity of removing the temptation of the rum shop and drinking saloon, with their surroundings, from the path of the reformed man, if they would have the fruits of their labor permanent. It is asking too much of the possessors of this inflammable appetite to "run the gauntlet" of these sources of temptation.

A year's experience with the present police force, enables me to bear testimony to their uniform promptness and fidelity to duty, however unpleasant. It would not be strange if they were

unpopular with the rough element, with whom they come in contact. I am quite sure that if our citizens, whose lives and property they have so faithfully guarded the past year, were better acquainted with the men and their fidelity to duty, they would most cheerfully join me in tendering to them sincere thanks.

His Honor, Mayor A. C. Hamlin, will please accept my sincere thanks for the support he has ever been ready to render this department.

I wish also to acknowledge my obligations to His Honor, H. C. Goodenow, and City Solicitor Vose, for legal assistance in the discharge of my official duties. Also to City Treasurer, J. L. Crosby, for the cheerfulness with which he has always furnished the "sinews of war."

Respectfully submitted.

ELIJAH LOW,  
City Marshal.

# REPORT

OF THE

## TRUANCY COMMITTEE.

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TO THE CITY COUNCIL :

GENTLEMEN: I find by referring to the last published report of the School Agent, that the number of scholars between the ages of four and twenty-one years, in this city, is five thousand four hundred and twelve, (5,412,) for the education of which, the city has established and maintained forty-nine schools, under faithful and competent teachers. The School Agent reports the number in attendance during the summer, three thousand two hundred and eighteen, (3,218;) and in the winter, three thousand five hundred and three, (3,503.) It would not follow, as a matter of course, that nearly two thousand of our children, were growing up in ignorance, as it is only the favored few who can give their children uninterrupted schooling the year round.

Many families are obliged to avail themselves of the services of their children, as soon as they arrive at an age to make themselves useful, in providing for their own or the family wants at a season of the year when labor can be obtained.

In most of the schools of the city, the attendance has been uniformly good; at least, no complaint has come to me of truancy or absence, unaccounted for or unexplained. In several schools I have been called in to enforce discipline, I infer, more in the capacity of City Marshal than as Truant Officer. And in quite a number of cases, an introduction to the police station has effectually restored discipline.

The habit of extending the liberties of the school yards into the streets, especially of snowballing teams and citizens passing along our streets, became this winter a great annoyance, and demanded the attention of the police, who promptly abated the nuisance and restored order. About twenty schools were visited where this evil existed.

It would not be strange, among so large a number of scholars, if boys should be found averse to the wholesome restraints of school rooms. But in every instance brought to my notice, a remedy has been promptly applied, and the truant reclaimed.

The whole number of notices served on parents of truant children .....	116
Arrested and brought before Police Court for truancy .....	10
Sentenced to House of Correction for thirty days .....	7
Committed to House of Correction....	2
Arrested and discharged on promise of amendment.....	20
For disturbing school, and fined.....	3
For breaking glass.....	3
Arrested and returned to school.....	10

For the general attendance, and condition of your schools, you are respectfully referred to the appropriate officers having them in charge.

Respectfully submitted,  
 ELIJAH LOW,  
 Truancy Committee.



# REPORT

OF THE

## CITY UNDERTAKER.

---

To THE CITY COUNCIL :

The undersigned respectfully submits the following report for the year ending March 1st, 1878 :

PROTESTANT.		CATHOLIC.	
Died in March, 1877.....	14	Died in March, 1877.....	6
“ “ April “ .....	17	“ “ April “ .....	8
“ “ May “ .....	12	“ “ May “ .....	14
“ “ June “ .....	8	“ “ June “ .....	8
“ “ July “ .....	14	“ “ July “ .....	10
“ “ Aug. “ .....	16	“ “ Aug. “ .....	8
“ “ Sept. “ .....	9	“ “ Sept. “ .....	18
“ “ Oct. “ .....	19	“ “ Oct. “ .....	7
“ “ Nov. “ .....	7	“ “ Nov. “ .....	13
“ “ Dec. “ .....	13	“ “ Dec. “ .....	11
“ “ Jan., 1878.....	14	“ “ Jan., 1878.....	11
“ “ Feb. “ .....	8	“ “ Feb. “ .....	8
<hr style="width: 10%; margin-left: auto; margin-right: 0;"/>	151	<hr style="width: 10%; margin-left: auto; margin-right: 0;"/>	117

Whole number of deaths in the city, 268.

## AGES.

PROTESTANT.		CATHOLIC.	
Under one year.....	27	Under one year.....	14
From 1 to 5 years....	16	From 1 to 5 years....	23
“ 5 “ 10 “ .....	6	“ 5 “ 10 “ .....	8
“ 10 “ 20 “ .....	7	“ 10 “ 20 “ .....	10
“ 20 “ 30 “ .....	11	“ 20 “ 30 “ .....	11
“ 30 “ 40 “ .....	15	“ 30 “ 40 “ .....	11
“ 40 “ 50 “ .....	9	“ 40 “ 50 “ .....	5
“ 50 “ 60 “ .....	15	“ 50 “ 60 “ .....	7
“ 60 “ 70 “ .....	20	“ 60 “ 70 “ .....	13
“ 70 “ 80 “ .....	14	“ 70 “ 80 “ .....	8
“ 80 “ 90 “ .....	7	“ 80 “ 90 “ .....	6
Over 90 years.....	4	Over 90 years.....	1
	151		117

Remains brought to the city for interment.....	36
Remains carried from this city for interment.....	24
Interments at Mount Hope Cemetery.....	145
Interments at Mount Pleasant Cemetery.....	117
Interments at Pine Grove Cemetery.....	7
Interments at Oak Grove Cemetery.....	5
Interments at Maple Grove Cemetery.....	6

## CAUSES OF DEATH.

PROTESTANT.			
Consumption.....	30	Pneumonia.....	5
Fever.....	14	Accident.....	1
Old Age.....	8	Paralysis.....	3
Heart disease... ..	15	Tumor.....	3
Congestion.....	12	Still born.....	6
Dropsy.. ..	6	All other causes.....	48

Respectfully submitted,

WILLIAM LOWNEY,

City Undertaker.

Bangor, March, 1878.

# REPORT

OF THE

## COMMITTEE ON CITY PROPERTY.

---

BANGOR, March 5, 1878.

TO THE CITY COUNCIL OF BANGOR :

The Joint Standing Committee on City Property respectfully submit the following as a full schedule of all the property belonging to the City of Bangor, viz :

Lot on corner of Columbia and Hammond streets.

Lot between Court street and Kenduskeag stream, with the buildings thereon.

City Hall, lot and buildings.

City Common, on Lime street.

Broadway Park.

City Farm and buildings, Alms House, new barn and powder house.

Whitney Square, on Cedar street.

Union Square, between Union and May streets.

School house lot on Essex street, adjoining the "Hill Farm."

One gravel lot on Pine street.

“ “ “ near Merrill's mills.

“ “ “ on Essex street.

“ “ “ on Court street, near City stables.

“ “ “ between old Levant road and Valley Avenue, near Kossuth street.

One undivided half of house lot, on Lincoln street, 6,400 square feet of land.

Centre Park, near Universalist church.

2 School houses and lot on Abbott Square.

1 New Grammar school house and lot, Union square.

1 School house and lot on Bower street.

1	do	do	Cedar street.
1	do	do	Centre street.
1	do	do	City Farm,
1	do	do	Division street.
1	do	do	Grove “
1	do	do	Hancock “
1	do	do	Larkin “
1	do	do	Lime “
1	do	do	Main “
1	do	do	Pearl “
1	do	do	Prospect “
1	do	do	Salem Court.
1	do	do	Spring street.
2	do	do	State street.
1	do	do	Third street.
1	do	do	Thomas Hill.
2	do	do	Union street.
1	do	do	York street.
1	do	do	West Bangor.
1	do	do	Avenue District.
1	do	do	Bagley District.
1	do	do	Central District.
1	do	do	Finson District.
1	do	do	Fuller District.
1	do	do	Hillside District.
1	do	do	Mount Hope District.
1	do	do	North Bangor District.
1	do	do	Odlin District.
1	do	do	Sherburne District.
1	do	do	Six Miles Falls District.
1	do	do	Stillwater Avenue District.
1	do	do	Tyler District.



1 School house lot on Pine street, (E. Trask.)

Furniture in City Hall.

Law library and theodolite, transit and steel tape.

Steel safe in Treasurer's office.

Receiving tomb at Mount Hope.

Cemetery lot at Mount Hope.

do do on Finson Road, Oak Grove.

do do Glenburn Road, Maple Grove.

do do Carmel Road, Pine Grove.

Three hearses and harnesses, complete with wheels and runners.

Property belonging to Fire Department.

Two engine houses and lots on State street.

One hose house on State street.

One engine house and lot on Harlow street, containing three steam fire engines.

One building on Columbia street, formerly engine house, now used for Police Court and offices.

One stone crusher, and engine for same.

Wood lot on Odlin road.

For schedule of reservoirs and other property belonging to Fire Department, see report of Chief Engineer.

For a schedule of property belonging to City at Alms House, (City Farm,) see report of Overseers of Poor.

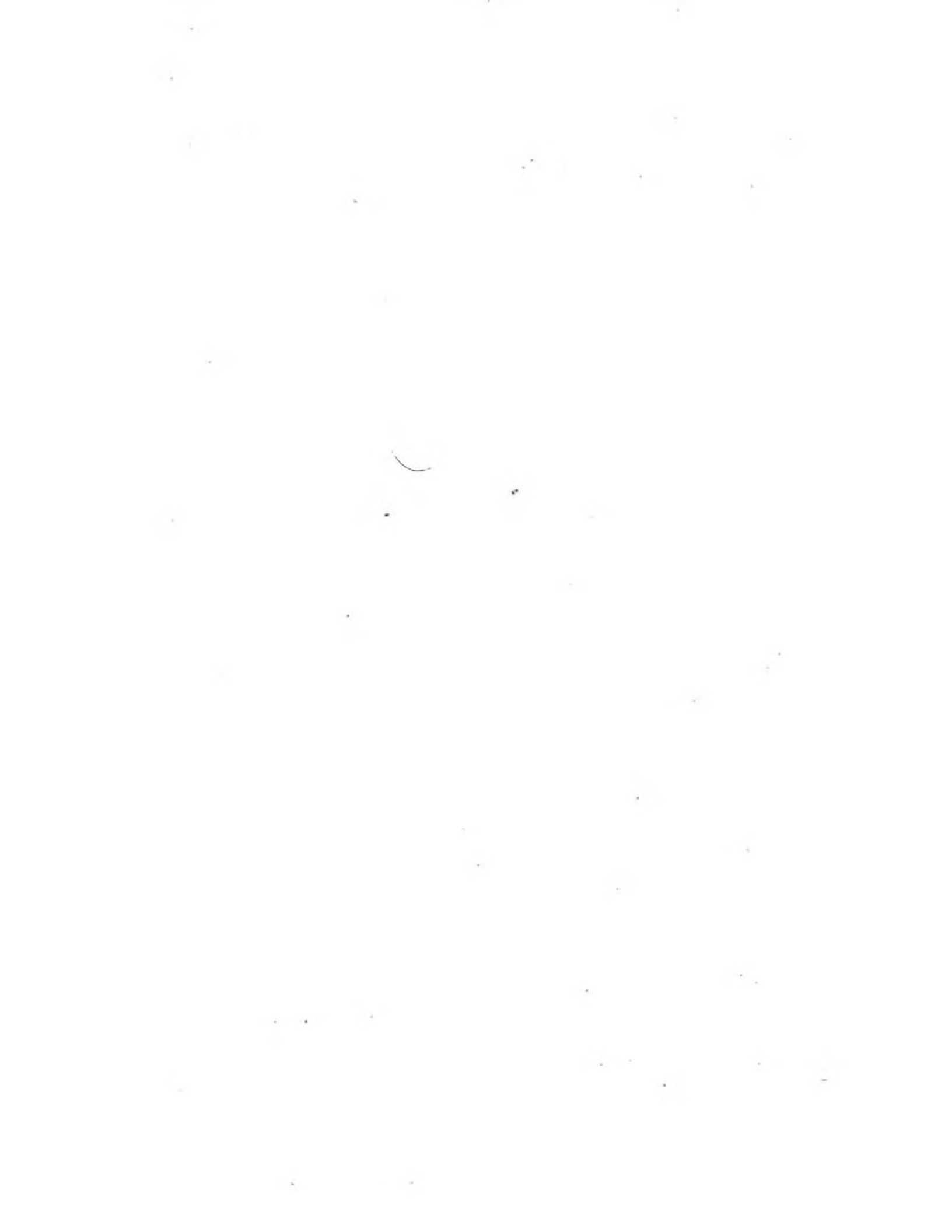
For a schedule of property belonging to City in use of Street Department, see report of Street Commissioner.

House and lot on Fourth street adjoining Grammar school house, purchased of Winslow Chase.

Dam and Water Works at Treat's Falls.

For a schedule of property belonging to City in use by the Water Board, for the Water Department, see report of Water Board.

JOHN C. THORNDIKE, } Committee  
ALONZO MORTON, } on  
J. M. GILMAN, } City Property.





Amounts brought forward, .....	\$951 55	\$11,809 90
Sundry bills for hay.....	30 83	
Wm. P. Hubbard & Co., grain.....	580 00	
Morse & Co., grain.....	820 48	
J. C. Towle & Co., grain.....	350 96	
Geo. W. Maxfield, oats.....	5 03	
James Woodbury, oats.....	81 01	
	<hr/>	2,819 86
Bartlett & Fish, shoeing horses, etc.....	\$193 25	
Smith & Harris, same.....	68 21	
Cowan & Fogg, same.....	128 05	
Wm. Delano, same.....	68 55	
B. F. Bates, same.....	25	
Joseph Wharf, iron work on teams.....	126 38	
T. F. Cassidy, same.....	23 70	
Webb & Nason, same.....	7 71	
Bangor Foundry & Machine Co., general repairs,	18 38	
	<hr/>	634 48
Haynes & Pillsbury, general hardware.....	\$77 21	
Wm. P. Dickey & Co., same.....	28 81	
J. C. Buzzell, same.....	12 05	
Thomas Jenness & Son, same .....	7 49	
Rice & Skinner, nails.....	16 22	
N. H. Bragg & Sons, iron.....	12 90	
E. H. Fogg, same.....	1 00	
	<hr/>	155 68
Charles Clark, hire of teams.....	\$45 84	
G. M. Taylor, for same.....	28 00	
A. J. Smith.....	8 30	
J. H. Robinson, hire of teams, and stone. ...	170 00	
Daniel P. Wingate, hire of team.....	10 00	
	<hr/>	261 84
Daniel C. Gould, harnesses and repairing.....	\$172 53	
Chase & Gould, for same.....	27 65	
Frank Rogers, two team collars.....	9 00	
	<hr/>	209 18
Hinckley & Egery Iron Co., building on contract with D. D. Smith, Merrill's bridge,	\$1,977 00	
J. L. Triggs, stone for filling piers, Merrill's Mills Bridge.....	241 06	
F. M. Sleeper, labor and furnishing stone for repairing bridge, Griffin road.....	73 00	
	<hr/>	<hr/>
Amounts carried forward,.....	\$2,291 06	\$15,890 94



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## CITY OF BANGOR.

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Amounts brought forward,.....	\$2,291 06	\$15,890 94
Solomon Newcomb, repairs on Six Miles Falls bridge .....	19 00	
	<hr/>	2,310 06
S. F. Barton & Co., lumber.....	\$56 56	
Stetson & Co., for same.....	33 90	
Morse & Co., for same.....	240 16	
Field & Robertson, for same.....	1 50	
C. B. Brown & Co., for same.....	8 66	
Dole & Fogg, for same .....	4 98	
Theodore Paine, cedar posts ..	12 75	
A. W. Dudley, for same.....	10 07	
Mike Shannon, lumber and labor.....	8 10	
	<hr/>	376 68
J. N. Drew, breaking roads.....	\$40 44	
J. L. Triggs, for same.....	77 50	
J. B. Bond, for same.....	59 93	
Simeon Hill, for same.....	49 02	
Lysander Palmer, for same.....	44 68	
G. S. Davis, for same .....	35 88	
L. I. Kittridge, for same ..	28 66	
Hebron Luce, for same.....	24 50	
O. W. Straw, for same.....	12 53	
E. P. Ferguson, for same.....	11 37	
R. H. Hunt, for same.....	11 25	
Geo. Sawyer, for same.....	8 25	
C. H. Morrison, for same.....	6 25	
F. M. Bagley, for same .....	5 00	
Reuben Bagley, for same.....	3 49	
P. Whittle, for same.....	3 12	
John Johnson, for same.....	2 00	
V. Whittle, for same.....	1 50	
	<hr/>	425 37
G. F. Davis, repairs on Finson road.....	\$2 00	
Alvah Osgood, repairs on road.....	3 19	
L. I. Kittridge, same.....	12 50	
J. P. Bass, gravel.....	250 00	
A. Smith, same.....	27 50	
J. F. Towle, same.....	11 25	
W. W. Cooper, stone.....	11 20	
M. S. Page, stone.....	17 00	
	<hr/>	
Amounts carried forward,.....	\$334 64	\$19,003 05

Amounts brought forward,.....	\$334 64	\$19,003 05
R. S. Page, stone.....	7 00	
Geo. Martin,.....	5 00	
S. F. Jones, flagging.....	29 60	
J. M. Quimby, same.....	30 10	
A. Constantine, stone work on culvert, Broad- way.....	263 92	
G. V. Laws, mason work.....	19 50	
F. C. Maxfield, same.....	29 25	
Stoddard & Hellier, brick.....	17 60	
	<hr/>	736 61
J. H. Robinson, sundries.....	\$38 10	
A. Noyes & Co., same.....	1 55	
Thos. Griffin, repairs.....	10 00	
Bangor Gas Light Co., coal tar.....	328 75	
Getchell, Leighton & Co., hose.....	17 85	
Getchell, Leighton & Co., drain pipe.....	9 63	
J. H. Bacon, printing.....	2 25	
Freight, steamer Cambridge.....	5 10	
J. E. Kent & Co., sundries.....	14 35	
D. D. Smith, same.....	3 85	
Thompson & Kellogg, groceries.....	8 51	
C. D. Hall, roofing.....	20 00	
County of Penobscot, discontinuing part of old Six Miles Falls road....	25 00	
J. S. Ricker & Co., lanterns.....	6 61	
Ramsdell & Neal, powder.....	4 75	
D. B. Head, street signs.....	3 00	
Humphrey Machine Co., one road machine....	125 00	
	<hr/>	624 30
N. S. Harlow, drugs, oil, etc.....	\$58 27	
Warren & Robinson, medicine.....	24 15	
J. F. Patten, same.....	3 35	
J. W. Jenkins, doctoring horses.....	17 75	
John Dillon, same.....	21 00	
J. H. Robinson, salary.....	800 00	
F. H. Coombs, services as Engineer.....	218 83	
	<hr/>	\$1,143 35
		\$21,507 31
Amount unexpended.....		2,573 28
		<hr/>
		\$24,080 59

## SCHOOL FUND.

## RECEIPTS.

Amount of appropriation, 1877-8.....	\$26,500 00	
Receipts as per Treasurer's report.....	10,451 50	
		<u>\$36,951 50</u>

## EXPENDITURES.

Salary of Superintending School Committee..	\$250 00	
“ of School Agent, C. P. Roberts, part year.....	73 76	
Salary of Truancy Officer. ....	50 00	
		<u>\$373 76</u>

## TEACHERS' SALARIES—HIGH SCHOOL.

Henry Dame, principal, 1 term,.....	\$702 70	
Charles A. Jordan, principal, 2 terms .....	972 96	
Amanda M. Wilson, assistant, 1 year.....	702 70	
Fannie E. Lord.....	535 13	
Jennie A. Philbrook.....	535 13	
Annie F. Powers. ....	458 78	
		<u>3,907 40</u>

## GRAMMAR SCHOOLS.

Daniel A. Robinson, principal 2 terms.....	\$908 10	
<i>East Side.</i>		
Burleigh Pease, principal, 1 term .....	421 62	
Helen R. Fox, assistant, 1 year.....	433 78	
Magaret F. Webber, assistant, 1 year... ..	433 78	
Marcia F. Smith, “ “ .....	413 32	
Sarah H. Drake, “ “ .....	413 32	
Mary J. Gale, “ “ .....	413 32	
Lou H. Spencer, “ “ .....	413 32	
Lillian B. Cole, “ “ .....	413 32	
Alice Patten, assistant 2 terms.....	246 40	
Lavinia L. Bartlett, assistant 1 term.....	149 32	
Grace J. Haynes, assistant 1 term.....	123 00	
<i>West Side.</i>		
Daniel A. Robinson, principal, 1 term....	421 62	
Mary E. Cochran, assistant 1 year.....	433 78	
Laura H. Cummings, assistant 1 year.....	433 78	
Mary E. Costellow, assistant 1 year.....	413 32	

Amounts carried forward,.....	\$6,485 10	<u>\$4,281 16</u>
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Amounts brought forward,.....	\$6,485 10	\$4,281 16
Nellie S. Littlefield, assistant 1 year.....	413 32	
Lucy E. Gallupe, assistant 1 year .....	413 32	
Bertha Lord, assistant 1 year.....	413 32	
Mary E. Boyce, assistant 2 terms.....	264 00	
Maria L. Daggett, assistant 2 terms.....	264 00	
Mary M. Patterson, assistant 1 term.....	149 32	
Sarah E. Patten, assistant part year.....	330 82	
	<hr/>	8,733 20

## INTERMEDIATE SCHOOLS.

Therese M. Dillingham, 1 year.....	\$333 00	
Anna Taney, " .....	333 00	
Azubah F. Blaisdell, " .....	333 00	
Hattie L. Gray, " .....	333 00	
Annette M. Hinks, " .....	333 00	
Mary L. Snow, " .....	333 00	
Adelaide A. Bakeman, " .....	333 00	
Mary E. Glass, " .....	333 00	
Sarah H. Shaw, " .....	333 00	
Lucy M. Hallowell, 2 terms.....	216 00	
Alice B. Plummer, " .....	216 00	
Flora E. Wharff, " .....	216 00	
Mary E. Byrne, 1 term .....	117 00	
Ella A. Newmarch, 1 term.....	117 00	
Celestia Cates, 1 term. ....	117 00	
	<hr/>	3,996 00

## PRIMARY SCHOOLS.

Alice M. Lawrence, principal, 1 year.....	\$333 00	
Lizzie Morrill, " " .....	333 00	
Fannie E. Titcomb, " " .....	333 00	
Miriam S. Cates, " " .....	333 00	
Charlotte L. Holden, " " .....	333 00	
Anna M. Lander, " " .....	333 00	
Vesta M. Nash, " " .....	333 00	
Angelia Chase, " " .....	333 00	
Julia A. Robinson, " " .....	333 00	
Mary A. Eaton, " " .....	333 00	
Ella S. Stewart, " " .....	333 00	
Anna H. Kendrick, " " .....	333 00	
	<hr/>	
Amounts carried forward,.....	\$3,996 00	\$17,010 36



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## CITY OF BANGOR.

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Amounts brought forward, .....	\$3,996 00	\$17,010 36
Laura J. Sargent, " " .....	333 00	
Eliza A. Thayer, " part year....	239 00	
Mary A. Holden, " " ....	249 50	
Therese Taney, " " ....	189 00	
Addie Hayes, " " ....	252 00	
Emma Blaisdell, " 1 year.....	281 00	
Mary E. Byrne, " part year.....	144 00	
Annie Pease, " " .....	171 00	
Carrie A. Dunbar, " " .....	279 00	
Alma S. Silsby, " " .....	216 00	
Nellie S. Humphrey, " " .....	281 00	
Joan C. Wheeler, " 1 term.....	117 00	
Grace J. Haynes, " " .....	108 00	
Mary E. Byrne, " " .....	117 00	
Betsey A. Adams, " " .....	117 00	
Hattie T. Vose, assistant 1 year.....	209 00	
Clara R. Wood, " " .....	209 00	
Lillian J. Dakin, " 2 terms.....	144 00	
Eliza B. Eddy, " part 1 term.....	45 00	
Emma F. Lewis, assistant part year.....	172 35	
Ella Kittridge, assistant, 1 term.....	65 00	
	<hr/>	7,933 85

## MIXED INTERMEDIATE AND PRIMARY.

Nancy W. Silsby, principal 1 year.....	\$333 00	
Cora E. Works, assistant 1 term.....	78 00	
Evelyn E. Getchell, assistant 2 terms.....	144 00	
	<hr/>	555 00

## SPECIAL TEACHERS.

C. P. Fessenden, 1 term. ....	\$307 45	
Geo. T. Moody, 1 term.....	140 54	
Mary B. Crosby, 1 term .....	140 54	
	<hr/>	588 53

## SPRING STREET WINTER SCHOOL.

J. W. Donigan.....	\$150 00	
	<hr/>	150 00
Amount carried forward, .....		<hr/> \$26,237 74

Amount brought forward, .....

\$26,237 74

## SURBURBAN SCHOOLS.

Heman W. Griffin, 1 year.....	\$490 00
Nancy A. Gilman, 1 year .....	210 00
Mary R. Shaw, 1 year.....	180 00
Annie Martin, 1 year.....	190 00
Hattie E. Glass, 1 year .....	150 00
J. M. Gilman, 2 terms.....	238 00
Lizzie J. Shaw, 2 terms.....	112 00
Annie L. Clapp, 2 terms.....	140 00
Flora S. Newcomb, 2 terms.....	120 00
Nellie R. Huntington, 2 terms .....	105 00
Abbie U. Forbes, 2 terms.....	120 00
Lizzie Gibson, 1 term.....	78 00
Willis E. Ferguson, 1 term.....	88 00
Addie M. Spencer, 1 term.....	66 00
Estelle R. Coombs, 1 term.....	60 00
Edith M. Palmer, 1 term.....	60 00
Annie L. Chase, 1 term.....	60 00
Abbie F. Stevens, 1 term .....	70 00
Fannie M. Fuller, 1 term .....	60 00
Clara Mayhew, part term.....	11 37

2,608 37

## FUEL.

J. H. Robinson, 115 7-8 cords wood.....	\$500 15
F. M. Sabine, 11 5-8 cords wood.....	56 74
James Currier, 6 cords wood .....	15 00
Joseph Parker, 8 1-2 cords wood.. . .	42 92
Wm. E. Lord, 14 1-2 cords wood .....	53 75
A. H. Crowell, 18 5-8 cords wood .....	51 60
G. W. Newcomb, 2 1-2 cords wood .....	12 02
S. P. Bradbury, paid for wood .....	93 46
C. P. Roberts, paid for wood.....	488 92
T. G. Stickney, coal.....	287 26

\$1,601 82

## MATERIALS AND REPAIRS.

Morse & Co., lumber.....	\$42 43
Dole & Fogg, for same .....	28 34
Hervey Pond, for same.....	24 02

Amounts carried forward,.....

\$94 79

\$30,447 93

Amounts brought forward, .....	\$94 79	\$30,447 93
M. Dyer, painting and stock.....	223 51	
H. B. Dunbar, for same....	76 27	
G. H. Frost, for same .....	48 17	
A. P. Chick, for same.....	6 00	
T. Jewell & Son, supplies .....	7 72	
W. P. Dickey & Co., for same .....	8 20	
Hincks & Nealley, for same.....	1 75	
E. H. Fogg, for same.....	17 51	
Wood, Bishop & Co., for same.....	2 10	
R. S. Page, gravel .....	49 75	
S. F. Jones & Son, stone work.....	47 10	
Chas. Clark, grading.....	21 00	
F. H. Duffy, for same .....	15 00	
L. I. Kittridge, for same . .....	17 18	
Ramsdell & Neal, locks, etc.....	6 05	
M. Lynch, for same.....	26 50	
Wm. H. Cates, mason work.....	123 54	
Isaac Small, for same.....	29 88	
Lewis Robinson, for same.....	91 67	
Field & Robertson, joiner work and stock....	38 15	
Z. T. Dillingham, for same.....	12 28	
Hanson Gray, for same.....	45 80	
G. G. Rice, for same .....	18 28	
Lowell & Tibbitts, for same.....	24 97	
W. & L. Cutter, for same .....	189 38	
Young & Bartlett, for same.....	698 06	
J. W. Nickerson, for same.....	9 91	
J. D. Brown, for same.....	20 05	
C. H. Morrison, for same.....	15 50	
G. W. Merrill & Co., repairs furniture.....	59 65	
A. Titcomb, repairs of clocks .....	14 75	
Daniel White, for same.....	1 00	
Samuel A. Fellows, iron work .....	3 53	
Bangor Foundry & Machine Co., for same....	28 45	
Joseph Wharf, for same.....	3 44	
J. E. Chapman, building purchased.....	12 00	
Dole, Peaks & Co., plumbing.....	49 82	
A. Leighton, for same.....	160 58	
Amounts carried forward,.....	\$2,319 29	\$30,447 93

Amounts brought forward,.....	\$2,319 29	\$30,447 93
A. Hill, Jr., repairs of stoves, etc.....	95 87	
A. Noyes & Co., for same .....	130 57	
S. P. Bradbury, paid sundry persons for re- pairs.....	186 96	
C. P. Roberts, same.....	24 81	
	<hr/>	2,757 50

## JANITORS.

J. A. Barker.....	\$81 00	
E. S. Blake.....	51 00	
S. P. Bradbury, for paid sundry persons.....	1,207 04	
C. P. Roberts.....	24 80	
	<hr/>	1,363 84

## BOOKS, STATIONERY, ETC.

C. P. Roberts, paid for stationery, etc.....	\$89 87	
E. F. & W. G. Duren.....	33 15	
D. Bugbee & Co.,.....	275 72	
Chas. Hight.....	122 04	
Samuel F. Cobb, music.....	7 00	
	<hr/>	527 78

## SCHOOL SUPPLIES.

Dole Bros., desks, etc.....	\$210 83	
W. L. Alden & Co., brushes, etc.....	38 40	
W. E. Mann, chemicals.....	11 55	
N. S. Harlow, brushes.....	18 73	
A. H. Roberts & Son, curtains.....	11 52	
Mayo & Appleton, brooms, etc.....	13 10	
Thompson & Kellogg, pails, etc.....	12 85	
J. S. Ricker & Co.,.....	2 05	
C. B. Brown, brooms.....	16 40	
C. P. Roberts .....	3 64	
	<hr/>	339 07

Amount carried forward, .....	<hr/>	\$35,436 12
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## CITY OF BANGOR.

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Amount brought forward,.....

\$35,436 12

## LABOR, WOOD SAWING, CLEANING PRIVIES, ETC.

S. P. Bradbury, paid sundry persons.. .. . \$246 26

C. P. Roberts, same..... .. . 161 99

408 25

## MISCELLANEOUS.

S. P. Bradbury, paid sundry persons..... \$73 50

Same, for use of horse, as per order of City  
Council..... .. . 411 00

C. P. Roberts, sundries..... .. . 2 00

Same, error in old bill..... .. . 20 00

Bangor Gas Co ..... .. . 1 50

508 00

\$36,352 37

Unexpended balance .....

599 13

\$36,951 50

**Materials and Repairs at Various School Houses.**

West side Grammar school..... .. . \$518 83

Abbott Square, Grammar and High schools... 502 57

Prospect street school..... .. . 37 34

Lower school, Abbot Square..... .. . 35 32

Spring street..... .. . 13 00

York street..... .. . 48 02

Centre street..... .. . 28 00

Pearl street..... .. . 80 42

Division street..... .. . 26 77

Salem Court.. .. . 440 52

Hancock street..... .. . 16 10

State street .....

34 53

Grove street..... .. . 47 55

Lime street..... .. . 22 70

Bower street..... .. . 7 98

Larkin street..... .. . 17 51

Third street .....

50 25

Pond street..... .. . 43 87

Main street..... .. . 10 43

Amount carried forward, .....

\$1,981 71

Amount brought forward,.....	\$1,981 71	
Union street.. .. .	53 65	
City Farm school house.....	12 24	
Finson road school.....	103 59	
Thomas' Hill, Cottageville.....	17 74	
Central district.....	25 85	
Avenue " .. .	105 83	
North Bangor school.....	72 59	
Mount Hope " .. .	2 21	
Stillwater Avenue.....	45 62	
Hillside .. .	75 87	
West Bangor.....	28 19	
Barkerville .. .	6 03	
Bagley district.. .. .	62 75	
Fuller " .. .	6 76	
Sherburne" .. .	16 65	
Tyler " .. .	4 75	
Miscellaneous.....	135 47	
		<u>\$2,757 50</u>

PAUPER FUND.

RECEIPTS.

Amount of Appropriation.....	\$24,000 00	
Amount credits as per Treasurer's account....	4,394 71	
		<u>\$28,394 71</u>

EXPENDITURES.

O. H. Ingalls, salary.....	\$193 75	
D. W. Potter, same. ....	200 00	
J. P. Davis, same....	190 44	
Samuel Jewett, same.....	550 00	
A. S. Sands, same... ..	152 00	
		<u>\$1,286 19</u>

EXPENDITURES AT ALMS HOUSE AND HOUSE OF CORRECTION.

B. H. Boardman & Co., provisions and groceries,	\$563 02	
J. A. Boardman & Co., same.....	55 00	
R. S. Morison & Co., same.....	1,121 19	
C. Hayward & Co., same .. .	1,576 06	
		<u>\$3,315 27</u>
Amounts carried forward, .. .	\$3,315 27	<u>\$1,286 19</u>

Amounts brought forward, .....	\$3,315 27	\$1,286 19
Geo. W. Ladd, same.....	136 48	
J. C. Smith & Co., same.....	166 01	
Tea White, same.....	76 36	
Higgins & Sands, same.....	20 95	
H. S. Sands & Co., same.....	19 64	
J. C. Towle & Co., grain .....	293 27	
Smith, Bean & Co., meat .....	355 02	
James Smith Jr.,.....	737 03	
Geo. L. Phillips, crackers.....	26 20	
J. C. White & Co., dry goods.....	34 61	
J. M. Daggett, same.....	24 40	
Wheelwright, Clark & Co., same.....	346 67	
J. F. Snow, same.....	121 46	
Williams & Getchell, same.....	8 00	
R. P. Stone, same.....	21 70	
S. D. Jones & Sons, clothing.....	11 65	
S. & J. Adams, buttons, etc .....	18 71	
A. H. Roberts & Son, carpets.....	17 33	
J. S. Ricker & Co., lamps, etc.....	20 69	
Prescott & Allen, seeds.....	34 35	
D. P. Wood, boots, shoes, etc.....	36 75	
Buzzell & Shaw, for same.....	26 92	
Osgood & Lyford, for same.....	40 12	
Leighton Bros., for same .....	154 20	
Hersey & Plaisted, for same .....	11 00	
J. O'B. Darling, 1 dozen moccasins.....	23 00	
Thomas Jenness & Son, hardware, oil, etc....	15 15	
E. H. Fogg, for same.....	56 75	
Rice & Skinner, for same.....	127 98	
Haynes & Pillsbury, for same.....	75 00	
Hincks & Nealley, oakum.....	6 93	
Wm. H. Pritchard, stoves, tinware, etc.....	26 40	
A. Noyes & Co., for same... ..	58 71	
Wood, Bishop & Co., same.....	19 64	
Ansel Leighton, plumbing.....	38 60	
Davenport, Leighton & Co., same.....	7 20	
C. G. Stearns & Co., lumber.....	123 78	
Eastern Burnetizing Works, same.....	13 09	
Amounts carried forward,.....	<u>\$6,667 02</u>	<u>\$1,286 19</u>

Amounts brought forward,.....	\$6,667 02	\$1,286 19
Dole & Fogg, same.....	7 94	
Stoddard & Hellier, bricks, potash, etc.....	10 30	
Morse & Co., plaster, etc.....	28 17	
Dole Bros., furniture.....	50 50	
G. W. Merrill & Co., same .....	25 75	
C. H. Tibbetts, coffins, etc.....	35 50	
Smith & Harris, blacksmith work.....	28 90	
B. Cavanaugh, same .....	21 11	
Bartlett & Fish, same.....	7 50	
Cassidy & Bradford, 4 tons coal.....	26 75	
A. H. Babcock, coal. ....	8 30	
C. B. Kittridge, 73 cords wood.....	109 50	
D. W. Willey, 45 5-8 cords wood.....	57 00	
A. W. Dudley, 6 1-4 cords wood.....	22 17	
E. Finnegan, 5 3-4 cords wood.....	23 00	
E. & N. A. Railway, freight on wood.....	185 63	
D. Hollihead, laying a wall.....	28 50	
S. Chase, labor.....	54 00	
A. C. Leighton, repairs.....	62 00	
H. L. Jameson, services.....	120 00	
Highway Department, manure.....	125 00	
J. H. Robinson, Commissioner, manure.....	100 00	
Edward Jordan, repairing harnesses.....	9 71	
B. N. Thoms, repairing teams.....	28 05	
A. S. Sands, paid for sundries.....	193 70	
Sam'l Jewett, same.....	814 53	
Overseers of the Poor, same.....	112 50	
N. S. Harlow, medicine.....	19 05	
Warren & Robinson, same.....	17 75	
Wm. E. Mann, same.....	45 08	
W. L. Alden & Co., same.....	42 01	
Caldwell Sweet, same.....	9 45	
W. F. Shepard, same .....	24 60	
		9,120 97

## EXPENDITURES OUTSIDE ALMS HOUSE.

O. H. Ingalls, for paid supplies and expenses of paupers.....	\$921 53	
D. W. Potter, same.....	42 50	
J. Burbank, same.....	153 51	
Amounts carried forward, .....	\$1,117 54	\$10,407 16



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## CITY OF BANGOR.

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Amounts brought forward, .....	\$1,117 54	\$10,407 16
Thompson & Kellogg, groceries and provisions for paupers.....	1,766 85	
W. W. Seavey, same.....	981 91	
Hartford Pond, same.....	2,432 14	
J. C. Thorndike, same.....	1,594 56	
Leighton & Baker, same.....	177 57	
Robert Hickson, same.....	1,131 73	
Wiswell & Dunbar, same.....	728 97	
A. P. Baker, same.....	156 72	
Dean & Pierce, same.....	76 98	
E. Cobb & Son, same.....	32 73	
C. H. Forbes, same.....	20 50	
Lyman Tyler, same.....	12 19	
E. G. Moore & Co., same.....	4 50	
Maine Insane Hospital, for support of paupers	2,854 93	
City of Lewiston, same.....	43 39	
Town of Bucksport, support of Sarah Coffin..	75 00	
Town of Knox, support of C. H. Rich and family.....	144 24	
Town of Brooks, support of sundry paupers..	18 00	
Town of Charleston, same.....	32 00	
Town of Orono, same.....	240 08	
Town of Monroe, support of Lavina Huston..	21 65	
Town of Hudson,.....	10 60	
Town of Orrington.....	15 00	
Town of Hampden, support of Joseph Doughty and family.....	74 32	
Town of Oldtown, support of L. E. Chase and others.....	55 70	
Town of Hartland, support of Irene Titcomb and children.....	20 00	
Town of Veazie, support of John McCarty and Joseph Crocker.....	37 16	
Town of Glenburn, support of Wm. Kearswell	18 04	
Town of Brewer, support of John Gonya ....	6 97	
Town of Tremont.....	78 43	
Children's Home, support of poor children...	41 20	
Amounts carried forward, .....	\$14,021 60	\$10,407 16

Amounts brought forward,.....	\$14,021 60	\$10,407 16
N. B. Marston, support of C. B. Robbins, 1 year .....	117 00	
Rob't Fulton, support of sick son.....	28 00	
O. F. Tyler, support of G. W. Tyler.....	68 14	
D. L. Clark, support of Sarah Turner.....	32 00	
Wm. Thompson, support of Emily Nelson....	20 74	
Mark Shields, support of C. H. Rich and family	119 50	
C. E. Foster, support of Etta Foster.....	8 10	
Mrs. L. Drew, board of sundry paupers.....	66 00	
S. G. Jerrard, same.....	27 44	
Owen McCann, rent of house for paupers....	35 00	
Ira Pitman, same.....	10 00	
Chandler Cobb, rent of house for Mrs. McCoy	28 00	
Thomas Loftus, rent of house for paupers....	12 00	
Wm. H. Bradford, 3 tons coal.....	17 25	
Morse & Co., 68 cords wood, delivered to sun- dry paupers.....	204 00	
Joe Johnson, hauling wood.....	52 80	
Walter Smith, same.....	175 55	
O. W. Davis, same.....	20 80	
G. W. Coombs, labor .....	45 00	
James Tobin, clothing .....	54 20	
G. A. Dilan, same.....	10 00	
Osgood & Lyford, boots, shoes, etc.....	116 75	
F. A. Curtis, same.....	44 55	
C. L. Dakin, cash advanced. ....	25 00	
J. W. Humphrey, heirs, sundry .....	26 70	
J. F. Patten, medicine.....	19 12	
H. H. Butler, same.....	5 80	
W. F. Shepard, same.....	46 35	
Dr. C. Fisher, professional services.....	25 00	
" H. F. Hanson, same.....	10 00	
" W. H. Simmons, same.....	10 00	
" H. L. Briggs, same.....	10 00	
" E. F. Sanger, same.....	28 00	
James Mitchell, coaches to funeral.....	47 50	
J. W. Tibbetts, coffins, robes, etc.....	42 00	
Wm. Lowney, making graves, etc.....	148 50	
	<hr/>	\$15,778 39
		<hr/>
Amount unexpended.....		\$26,185 55
		2,209 16
		<hr/>
		\$28,394 71

## INCIDENTAL FUND.

## RECEIPTS.

Appropriation, 1877-8.....	\$12,500 00	
Amount appropriation for overlayings.....	9,864 13	
Amount received from other sources, as per Treasurer's account .....	1,593 27	
		<u>\$23,957 40</u>

## EXPENDITURES.

Newell Blake, as Assessor, 145 days.....	\$435 00	
S. C. Hatch, same, 140 days.....	420 00	
George W. Snow, same, 191½ days.....	574 50	
Same, 6 days, 1876,.....	24 00	
Victor Brett, copying inventory 43 days.....	129 00	
		<u>\$1,582 50</u>
Wm. Boyd, assistant Assessor 25 days.....	\$50 00	
Henry Gale, same 23 days.....	46 00	
Otto F. Youngs, same 23 days.....	46 00	
Hosea R. Legro, same 23 days.....	46 00	
Patrick Tracey, same 25 days.....	50 00	
Same, 2½ days, on new ward lines.....	6 25	
Willard Carver, assistant Assessor 24 days...	48 00	
E. P. Lansil, same 22 days. ....	44 00	
		<u>336 25</u>
F. H. Williams, services as Ward Clerk.....	\$6 00	
J. M. Haynes, same.....	3 00	
E. W. Corson, same.....	3 00	
George M. Sargent, same.....	3 00	
W. T. C. Wescott, same.....	9 00	
Edwin A. Morrill, same.....	6 00	
Chas. P. Hodgkins, same.....	3 00	
F. A. Chamberlain, same.....	6 00	
Geo. F. Danforth, same.....	3 00	
Volney Darling, same.....	3 00	
James Mooney, same.....	3 00	
E. P. Dunham, ringing church bells, July 4th,	10 00	
O. Favor, same,.....	2 50	
L. T. Holt, same.....	2 50	
		<u>63 00</u>
Amount carried forward,.....		<u>\$1,981 75</u>

Amount brought forward,.....		\$1,981 75
Victor Brett, for preparing lists of voters for the year 1877.....	\$44 00	
Same, recording births and deaths.....	41 44	
Same, preparing an index for the City Ordina- nces, per order of City Council.....	100 00	
T. W. Vose, and V. Brett, for services rendered in revision and codification of Ordinances per order City Council .....	250 00	
	<hr/>	435 44
J. P. Bass, for rent of hall for Jameson Guards	\$250 00	
N. G. Treat, for services condensing expendi- tures of the City, for municipal year 1876- 1877, preparatory for publication, under direction of the Mayor.....	75 00	
Amos E. Hardy, for abstract of conveyances and recording and finding description....	58 00	
	<hr/>	383 00
Ricker & White, for preparing papers for appli- cants for State pension, and paid for admin- istering oaths .....	\$7 00	
James Woodbury, for same, and postage.....	1 75	
Memorial day, appropriation .....	100 00	
B. B. Thatcher, for expenses paid out for clear- ing the Kenduskeag stream of drift stuff near railroad bridge.....	179 16	
Silas C. Hatch, for examining annual account of City Treasurer and Collector.....	5 00	
Same for second hand coal stove, for use in Assessors' room.....	15 00	
P. A. Strickland, for rent of office for Water Board .....	28 00	
	<hr/>	335 91
State Reform School, for support of G. H. Galvin, from Jan. 1, 1877, to Jan., 1878.....	\$52 00	
Bangor Gas Light Co., for gas consumed at City Hall.....	542 70	
Town of Hampden, for taxes on wood lot....	89 00	
Town of Brewer, for same.....	7 88	
	<hr/>	691 58
Amount carried forward, .....		<hr/> \$3,827 68



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Amount brought forward, .....		\$3,827 68
John L. Crosby, Treasurer, bills of incidental expenses passed in monthly rolls, viz:		
Paid cleaning City Hall, offices, etc.....	\$121 75	
Same, cleaning police cells, office, washing blankets, etc.....	151 25	
Same, paid telegram, express charges, etc....	11 02	
Same, paid 2 copies Maine Register.....	2 50	
Same, paid recording deeds to City .....	2 50	
Same, paid postage and revenue stamps and envelopes .....	30 87	
Same, paid sawing and splitting wood.....	38 69	
Same, paid soap, charcoal, brooms, pails, etc..	8 78	
	<hr/>	367 36
Abatements (orders No. 1418, and 1421,) as abatements allowed by Assessors on taxes for 1873—1877.....		8,576 79
Charles E. Bagley, for services as Janitor, from March 1, 1877, to March 3, 1878....		425 00
Burr & Robinson, for printing annual reports,	\$254 29	
Same, printing City Ordinances.....	467 50	
Same, printing various documents.....	177 25	
Boutelle & Burr, for bill of advertising.....	315 88	
Marcellus Emery, for same.....	157 46	
Samuel S. Smith & Son, for printing.....	119 00	
Wm. P. Thompson, for same.....	31 07	
O. F. Knowles, for same.....	91 25	
D. Bugbee & Co., for binding city reports, tax books, stationery, etc.....	343 60	
	<hr/>	1,957 30
Augustus T. Witham, for damages incurred by his wife, alleged defect in highway.....	\$2,490 26	
Cyrus Smith, execution vs. City of Bangor....	249 07	
Mary Cochran, same.....	275 43	
Mary J. Stewart, for damages, alleged defect of highway....	50 00	
Joseph M. Moore, damages alleged to have been received by defect in highway.....	60 00	
	<hr/>	<hr/>
Amounts carried forward, .....	\$3,124 76	\$15,154 13

Amounts brought forward,.....	\$3,124 76	\$15,154 13
D. M. Clark, for claim for damages, alleged defect in highway.....	25 00	
Town of Palermo, execution vs. City of Bangor .....	55 54	
Francis F. Kimball, for injuries received on Main street.....	25 00	
Hoskins & Veazie, for damages sustained by back flow of water on Exchange street, in June, 1874.....	583 75	
Town of Bucksport, costs in suit for bill of support of Nathan Page.....	42 02	
Town of Hampden expenses in suit vs. Bangor, traveling expenses, witnesses, etc .....	44 80	
Elijah Low, for conveying Mrs. Grover and Michael Lyons to Augusta, and expenses,	22 50	
	<hr/>	3,923 37
J. M. Leonard, for cutting down and lowering Center street, in consideration of abatement of all taxes.....		153 78
T. W. Vose, for paid sundry bills for witness fees, etc.....	\$59 89	
G. S. Bean, for law services ..	37 28	
Ruel Smith, for report of evidence in trial cases,	35 00	
James H. Burgess, for copy of sundry complaints, etc .....	19 72	
G. W. Whitney, for summonses.....	11 20	
Wm. Johnson, witness fees.....	1 48	
	<hr/>	164 57
George M. Taylor, for 11 cords 1½ feet wood, at City Hall and Police Court .....	\$61 83	
John P. Webber, 10 cords 6 feet wood, same,	61 43	
Geo. W. Newcomb, 11 cords 3½ feet, same, ...	57 19	
George Staples, 4 cords 1½ feet wood, same...	21 20	
Wm. H. Bradford, for 36,575 lbs coal, same...	96 58	
H. L. Mitchell, 8,000 lbs coal, same.....	24 00	
C. A. Babcock & Son, 2,000 lbs coal, same....	7 50	
	<hr/>	329 73
John A. Wallis, for paid sundry for the soup house, .....	\$747 21	
E. W. Lowney, for paid for labor at Mt. Hope Cemetery, etc.....	129 38	
Staples & Ring, for repairs of hearse.....	18 25	
	<hr/>	894 84
Amount carried forward, .....		<hr/> \$20,620 42

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## CITY OF BANGOR.

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Amount brought forward, .....		\$20,620 42
F. H. Coombs, for sundry bills of services, etc.,	\$89 50	
J. S. Chadwick, for taxes erroneously assessed,	34 26	
Walter S. Hellier, for same, .....	30 80	
Dole Bros., for bill of desks and seats for school houses .....	193 98	
Wm. H. Cates, for stock and replastering school house, and repairs .....	100 87	
	<hr/>	449 41
Wm. Blaisdell, for labor on Oak Grove Cemetery,	\$30 39	
Samuel F. Tasker, same, repairing fence .....	2 50	
	<hr/>	32 89
James Woodbury, for paid expenditures, for displaying Water Works to visiting party from Fredericton .....	\$95 00	
Water Board, expense of laying pipe, etc ....	30 95	
J. H. Robinson, for ice for year 1877 .....	18 00	
Hennessey & Angley, for taking down two engine poles .....	25 00	
James Littlefield, for granite stone bowl, for watering fountain .....	35 00	
	<hr/>	203 95
Lowell & Tibbetts, for altering engine house to Police Court .....	\$272 22	
Same, ventilating Police Station, City Hall ...	24 00	
Same, for sundry repairs on City Hall .....	109 85	
George W. Mansur, carpenter work and re- pairs on City Hall .....	17 84	
Young & Bartlett, for same .....	74 33	
R. D. Bryant, repairing roof City Hall .....	13 50	
B. Washburn, same, mason work .....	9 37	
E. S. Gorham, painting City Hall .....	126 42	
B. E. Walker, same .....	8 71	
Marshal Dyer, same .....	76 28	
	<hr/>	732 52
Eldridge & Shaw, same .....	90	
Getchell, Leighton & Co., City Hall, (plumb- ers,) for repairs .....	19 64	
Dole, Peaks & Co., for gas fixtures, etc., City Hall ..	6 45	
Jonathan Burbank, repairs on same .....	34 40	
	<hr/>	
Amounts carried forward, .....	\$61 39	\$22,039 19

Amounts brought forward, .....	\$61 39	\$22,039 19
Wood, Bishop & Co., repairing stoves, etc. ..	61 06	
Dole Bros., for furniture .....	29 25	
Joseph V. Coombs, mason work on police office.....	10 56	
A. Noyes & Co., for repairs on same.....	7 25	
A. P. Chick, same .....	8 35	
M. Lynch, locks and keys, same.....	8 40	
A. H. Roberts & Son, bill oil cloth carpet, etc.	49 17	
Chas. C. Prescott, for sundries, .....	4 75	
Knight, Adams & Co., stationery for same....	16 98	
Chas. Hight, for same.....	3 97	
A. B. Farnham, postage stamps.....	18 00	
Maverick & Wissinger, for stationery, etc....	40 25	
	<hr/>	319 38
C. C. & A. L. Chamberlain, manilla cases....	\$8 00	
Greenough & Co., 6 copies Bangor and Brewer Directory .....	9 00	
S. P. Bradbury, for paid cleaning school houses, after voting .....	6 50	
C. P. Roberts, for same.....	4 50	
D. E. Costellow, jury room, same.....	4 50	
Globe Hotel, hack hire.....	6 00	
L. Nichols, same.....	19 00	
J. G. Dummer, horse hire.....	16 50	
Dr. H. F. Hanson, professional services.....	6 00	
F. D. Matheas, for trucking.....	1 00	
George W. Merrill, sundries.....	4 00	
	<hr/>	85 00
		<hr/>
		\$22,443 57
Unexpended.....		1,513 83
		<hr/>
		\$23,957 40



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## CITY OF BANGOR.

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## DISCOUNT FOR TAXES OF 1877.

## RECEIPTS.

Appropriation .....	\$27,000 00	
Overdrawn.....	1,042 31	
		<u>\$28,042 31</u>

## EXPENDITURES.

10 per cent. discount on \$279,797 02.....	\$27,979 70	
5 per cent. discount on \$1,358 63.....	67 93	
		<u>\$28,047 63</u>
Less fractional gains.....	5 32	
		<u>\$28,042 31</u>

## SALARY FUND.

## RECEIPTS.

Appropriation 1877-8.....	\$5,500 00
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## EXPENDITURES.

Augustus C. Hamlin, Mayor.....	\$800 00	
Victor Brett, City Clerk.....	600 00	
Chas. E. Field, Clerk of Common Council....	100 00	
William F. Shepard, City Physician.....	200 00	
Thomas W. Vose, City Solicitor .....	500 00	
Elijah Low, Health Officer.....	50 00	
Sewell H. Hasty, Harbor Master.....	200 00	
Edward P. Dunham, City Bell Ringer.....	100 00	
Wm. H. Edmunds, Supt. of Public Clocks ...	75 00	
John L. Crosby, Collector of Taxes .....	1,564 61	
Same, Treasurer.....	500 00	
Fred M. Hopkins, Treasurer's clerk ....	400 00	
		<u>\$5,089 61</u>
Balance unexpended.....	410,89	
		<u>\$5,500 00</u>

## FIRE FUND.

## RECEIPTS.

Amount of Appropriation, 1877-'78.....	\$16,000 00	
Receipts as per Treasurer's account.....	202 50	
		<u>\$16,202 50</u>

## EXPENDITURES.

## SALARIES.

Otis D. Maddocks, Chief Engineer of Fire Department, salary, 1 year .....	\$300 00	
I. E. Leighton, Assistant Engineer, 1 year....	75 00	
John Mason, same.....	75 00	
A. H. Parker, same .....	75 00	
James Davis, same.....	75 00	
Joseph E. Merritt, Engineer of Steamers, and Superintendent .....	378 10	
Wm. H. Mansfield, same for part year .....	42 73	
		<u>\$1,020 83</u>

## EAGLE HOSE COMPANY NO. 3.

Services of members from January 1st to May 5th, 1877 .....	\$234 37	
Owen Dugan, services as member from April 15, to December 31, 1876 .....	31 87	
Frank J. Cluff, services as steward.....	16 67	
Same, care of hose .....	33 33	
Bangor Gas Light Company, for gas.....	10 80	
A. H. Babcock, & Co., for coal.....	8 20	
Edward Jordan, for paid sundry bills for painting engine house, for hose company.....	65 00	
Same, paid for hauling to fires.....	8 00	
W. L. Alden, for kerosene, etc.....	5 60	
		<u>413 84</u>

## HOLLY HOSE, NO. 7.

Services of members, 1 year.....	\$620 47	
H. O. Pierce, for services as steward.....	50 00	
Same, paid for hauling to fires.....	8 50	
Bradley Kelley, same.....	3 75	
		<u>\$682 72</u>
Amounts carried forward, .....	\$682 72	<u>\$1,434 67</u>

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## CITY OF BANGOR.

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Amounts brought forward, .....	\$682 72	\$1,434 67
J. F. Parkhurst, for rent of building, 1 year..	110 00	
Thomas G. Stickney, for coal.....	3 50	
Bacon & Huckins, for same.....	15 60	
Dean & Pierce, for oil, etc .....	7 20	
Moore Bros., same.....	6 90	
Staples & Ring, painting and lettering ....	16 25	
Winslow Chase, for belts, spanners and holders	8 25	
S. T. Thompson & Son, granite wash bowl....	2 00	
M. Moriarty, for taking care of hose.....	25 00	
W. E. G. Chaplin, for building over hose carriage.....	40 00	
	<hr/>	917 52

## ELIJAH LOW HOSE NO. 8.

Services of members for 1 year.....	\$625 00	
Thomas Williams, for rent of hall and stable, for 8 months.....	59 00	
E. W. Corson, services as steward... ..	50 00	
Same for hauling to fires, etc.....	10 82	
Bangor Gas Light Company, for gas .....	12 30	
Mason & Chaplin, for repairs.....	31 50	
Dole, Peaks & Co., for gas fixtures.....	42 50	
	<hr/>	831 12

## UNION HOSE COMPANY.

Services of members, one year.....	\$1,187 50	
Bangor Gas Light Company, for gas.....	41 40	
Bacon & Huckins, for coal.....	30 05	
A. H. Babcock, same.....	15 00	
R. D. Bryant, for services as member for year 1876.. ..	62 50	
Same, paid for hauling to fires.....	14 00	
M. Moriarty, for services as steward.....	50 00	
Otis McCauslin, for prepared wood .....	5 67	
W. & L. Cutter, for carpenter work and mate- rials .....	13 72	
Dole, Peaks & Co., for gas fixtures.....	8 00	
B. N. Thoms, for sundry repairs. ....	6 25	
	<hr/>	
Amounts carried forward, .....	\$1,434 09	\$3,183 31

Amounts brought forward, .....	\$1,434 09	\$3,183 31
Hartford Pond, for sundries .....	1 10	
Edward Jordan, for repairs.....	1 65	
Young & Bartlett, for same.....	60	
Lowell & Tibbetts, for sundry repairs.....	17 52	
Staples & Ring, for repairs.....	4 25	
W. E. G. Chaplin, same .....	8 25	
Mason & Chaplin, same.....	15 50	
	<hr/>	1,482 96

## CHAMPION HOOK AND LADDER COMPANY.

Services of members, 1 year.....	\$614 58	
Charles Clark, as driver, 1 year .....	480 00	
Bangor Gas Light Company, for gas 1 year..	31 20	
Elijah Low, for hay .....	47 97	
J. E. Kent, for hay and straw.....	49 84	
Fuller & Stanford, for grain and meal.....	22 83	
Bacon & Huckins, for coal.....	25 00	
Edward Jordan, for harness work.....	2 75	
W. H. Pritchard, for sundries.....	5 75	
E. G. Chaplin, for repairs .....	3 50	
	<hr/>	1,283 42

## BABCOCK CHEMICAL ENGINE "GREYHOUND."

George Bleakley, for services as driver, 11 months .....	\$440 00	
Same, for washing bedding.....	5 00	
G. W. Dunton, services as driver.....	40 00	
Same, for washing bedding.....	7 00	
L. Timmons, as hoseman 1 year.....	150 00	
J. F. Maloney, services as member.....	41 25	
Same, for labor and repairs, and paid for hauling to fires.....	11 30	
Paid for services of two members.....	83 33	
Elijah Low, for hay .....	47 97	
J. E. Kent, for hay and straw.....	42 77	
Fuller & Stanford, for grain and meal.....	71 14	
Bacon & Huckins, for coal.....	20 00	
Thomas G. Stickney, for same..	3 50	
N. S. Harlow, for chemicals, etc.....	100 22	
W. L. Alden & Co., for same.....	12 22	
	<hr/>	
Amounts carried forward, .....	\$1,075 70	\$5,949 69



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## CITY OF BANGOR.

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Amounts brought forward,.....	\$1,075 70	\$5,949 69
George W. Ladd, for same.....	11 20	
J. S. Burton, for horse medicine.....	10 00	
John Mason, for materials and repairs.....	27 65	
Lowell & Tibbetts, for same.....	5 55	
Mayo & Appleton, for sundries.....	2 00	
Cowan & Fogg, for horse shoeing.....	14 75	
Edward Jordan, for harness work.....	5 70	
W. E. G. Chaplin, for repairs.....	3 75	
Mason & Chaplin, same.....	4 75	
	<hr/>	1,161 05

## STEAMERS UNION, VICTORY AND LIBERTY.

Ambrose Merrill, as driver, 1 year . . . . .	\$545 00	
Same, for washing and mending bed clothes, and steamers, etc . . . . .	32 61	
B. F. Jordan, as driver on horse hose carriage,	125 00	
Fred. H. Morrill, as fireman . . . . .	75 00	
Chas. York, same . . . . .	12 50	
Bangor Gas Light Company, for gas.....	133 80	
Elijah Low, for hay . . . . .	191 90	
J. E. Kent, for hay and straw.....	156 35	
Fuller & Stanford, for grain and meal.....	284 92	
A. H. Babcock & Co., for coal . . . . .	17 04	
T. G. Stickney, for same . . . . .	107 50	
Joseph Parker, for wood . . . . .	5 73	
Cowan & Fogg, for horse shoeing.....	63 40	
Edward Jordan, for harness work.....	6 40	
M. Moriarty, for shavings, etc.....	4 80	
Young & Bartlett, carpenter work, and lumber	22 66	
W. F. Whiton, for repairs . . . . .	9 00	
W. H. Pritchard, for new furnace....	\$180 00	
less old furnace.....	60 00	
	<hr/>	120 00
L. G. Tillotson & Co., for apparatus for tele- graph . . . . .	41 25	
Geo. A. Frost, bill for white-washing, painting, etc . . . . .	26 46	
E. H. Hall & Co., for cotton . . . . .	5 00	
	<hr/>	<hr/>
Amounts carried forward, . . . . .	\$1,986 32	\$7,110 74

Amounts brought forward, .....	\$1,986 32	\$7,110 74
P. D. Fiske, for services taking account of stock, etc.....	5 00	
Patrick Keefe, for soap.....	3 33	
Morse & Co , for lumber . . . . .	1 85	
R. W. Kimball, for cotton waste.....	1 50	
Jonathan Burbank, for pipe . . . . .	1 50	
George A. Stetson, for cleaning steamers.....	2 50	
W. E. G. Chaplin, for repairs.....	6 00	
	<hr/>	2,008 00

## MISCELLANEOUS.

Stetson & Co., for rent of stable room.....	\$63 75	
M. Moriarty, for taking care of leading hose East side.....	200 00	
Lowell & Tebbetts, for building tower on Union Hose house, per agreement . . . . .	175 00	
Same, for extra work,.....	17 52	
Young and Bartlett, for building E. Low Hose house, per contract. ....	\$525 00	
Same, for extra work.....	38 68	
	<hr/>	563 68
Reuel W. Kimball, for 4,000 feet cotton (rubber lined) hose.....	4,120 00	
Same, for leather.....	11 10	
Joseph E. Merritt, for making 84 hose coup- plings.....	\$504 00	
Less sale of old composition,.....	113 05	
	<hr/>	390 95
Plume & Atwood Manuf. Co., for hose rivets,	19 44	
Manchester Locomotive Works, for 30 rubber valves and springs.....	26 88	
W. H. Pritchard, for stove pipe, etc.....	41 50	
J. Fenno and als., committee to examine the fire hose of the city.....	40 75	
Hinckley & Egery Iron Co., for composition, castings, materials, labor, etc.....	149 62	
George T. Allamby, for castings.....	3 32	
Bangor Foundry and Machine Co., for hose couplings and repairs.....	21 92	
	<hr/>	
Amounts carried forward, .....	\$5,845 43	\$9,118 74

Amounts brought forward, .....	\$5,845 43	\$9,118 74
Frank M. Rowe, for oil and sundries.....	13 32	
Getchell & Leighton, for pipe, repairs, etc....	48 55	
Hoskins & Veazie, for hardware.....	21 75	
T. Jenness & Son, for same.....	18 68	
M. Schwartz, for same.....	9 08	
C. E. McLaughlin, for general harness repairs,	27 63	
Chas. Clayton, for leather, . . . . .	2 59	
Dole Bros., for sundries.....	5 00	
Job Collett, for files. . . . .	14 87	
Wood, Bishop & Co., for sundries.....	5 45	
Benjamin F. Jordan, for cleaning snow from		
reservoirs, for the year 1876-7.....	50 00	
Otis D. Maddocks, for paid sundry bills.....	14 75	
M. Lynch, for locks and keys.....	11 50	
Bowen & Braley, for cordage.....	6 78	
Hincks & Neally, same, etc. . . . .	6 15	
Thompson & Kellogg, for brooms.....	1 75	
Mayo & Appleton, dusters, etc. . . . .	7 50	
Eastern Express Co., freight bill.....	5 15	
Steamer Cambridge, freight bill....	25	
Geo. H. Soule, for hose, thimbles and clasps..	6 08	
N. B. Williams, for trucking.....	6 65	
John Lynch, same.....	3 00	
J. C. Matheas, for same.....	1 50	
Thos. Duffee, same.....	50	
Geo. Waterhouse, cleaning snow... . . . .	2 00	
Lemuel Nichols, use horse and buggy.....	1 00	
Geo. W. Spratt, for same. . . . .	2 50	
C. B. Brown & Co., for repairs.....	1 00	
Orin Peavy, same.....	3 00	
Dole & Fogg, lumber.....	78	
J. B. Drinkwine, labor for telegraph.....	3 00	
	<hr/>	6,147 19
		<hr/>
		\$15,265 93
Unexpended . . . . .		936 57
		<hr/>
		\$16,202 50

## POLICE FUND.

## RECEIPTS.

Amount of appropriation, 1877-'78 .....	\$7,000 00	
Fees as per Treasurer's account.....	3,711 71	
		\$10,711 71

## EXPENDITURES.

Henry C. Goodenow, Judge Police Court.....	\$1,285 75	
Simon F. Walker, City Marshal.....	36 00	
Elijah Low, same.....	893 22	
E. H. Bunker, police.....	24 92	
Dennis Tracy, same.....	24 92	
B. E. Sargent, same.....	24 92	
C. D. Hutchinson, same.....	11 44	
Chas. E. Perry, same.....	24 92	
S. F. Stuart, same.....	520 29	
Charles E. McCoy, same.....	530 42	
Chas. F. Gallagher, same.....	530 42	
Thomas F. Allen, same.....	436 55	
James N. Clark, same.....	522 47	
Levi Emerson, same.....	550 00	
P. F. R. Clark, same.....	550 00	
Sylvester Gordon, same... ..	550 00	
William Weymouth, same.....	550 00	
James Nickerson, same.....	550 00	
John Clifford, same.....	550 00	
William F. Reed, same.....	550 00	
J. W. Robinson, special police.....	4 50	
J. F. Stevens, same.....	4 50	
C. F. Gowen, (at dam).....	33 00	
E. Low, 4th July, and Memorial Day.....	22 00	
		\$8,780 24
Paid S. F. Walker, sundry cash expenses.....	\$7 85	
E. Low, same, conveying parties to Reform School, and Insane Hospital, expenses on prisoners, etc.....	134 87	
		\$8,780 24
Amounts carried forward, .....	\$142 72	\$8,780 24



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Amounts brought forward, .....	\$142 72	\$8,780 24
Thompson & Kellogg, food for criminals and tramps .....	118 42	
N. S. Harlow, sponges, insect powders, and chloride .....	2 10	
G. W. Spratt, horse hire .....	7 00	
S. B. Fifield, same .....	1 00	
J. G. Dummer, same .....	30 50	
Bangor Gas Light Co., .....	12 00	
Burr & Robinson, printing blanks .....	3 50	
T. Jenness & Son, revolvers, nippers, sperm oil, police calls, etc. ....	42 25	
Lowell & Tibbetts, joiner work, marshal's office and court room. ....	19 61	
Dole, Peaks & Co., gas fitters, same .....	9 39	
A. Noyes & Co., lamps, dippers, repairing stove, etc. ....	5 00	
H. S. Brown, repairing lounge ..	5 40	
Getchell, Leighton & Co., hose and couplings for cleaning cells, etc. ....	17 00	
	<hr/>	415 89
		\$9,196 13
Unexpended balance .....		1,515 58
		<hr/>
		\$10,711 71

## SEWER FUND.

## RECEIPTS.

Collections of assessments as per Treasurer's account .....	\$3,575 76
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## EXPENDITURES.

S. P. Hutchinson, salary as Superintendent...	\$189 05
Same, for labor, and sundry small bills, paid..	658 89
Hincks & Nealley, cordage ..	3 90
James B. Fiske, cement .....	82 90
Stoddard & Hellier, bricks .....	147 06
	<hr/>
Amount carried forward, .....	\$1,081 80

Amount brought forward, .....	\$1,081 80	
S. F. Jones & Son, stone sewer top, etc.....	13 00	
Hinckley, Egery & Co., sewer grates, etc.....	31 00	
Wood, Bishop & Co., pump for freeing cess- pools.....	16 80	
Bangor Edge Tool Co., sharpening picks, etc..	29 60	
Getchell, Leighton & Co., drain and fixtures by contract, for school houses, Abbott Square .....	161 85	
Highway Department, for use of horses, and man cleaning cesspools, etc.....	216 00	
	<hr/>	\$1,550 05
Unexpended balance .....		2,025 71
		<hr/>
		\$3,575 76

WATER FUND.

RECEIPTS.

Amount due from City Treasurer as per Treasurer's acc't rendered Mar. 16, 1877...	\$5,860 61	
Water bonds sold.....	\$20,500 00	
Premium .....	1,389 17	
	<hr/>	21,889 17
Receipts for water rates of Geo. H. Bartlett, Clerk .....	160 75	
Receipts for water rates, etc., of Geo. F. Bryant, Clerk .....	11,675 00	
Sale of bbls., etc.....	17 50	
	<hr/>	\$39,603 03
Mayor's orders.....	\$30,760 32	
Amount unexpended, due from City Treasurer Mar. 14, 1878.....	8,842 71	
	<hr/>	\$39,603 03

EXPENDITURES.

LAND DAMAGES.

Joseph B. Burr's heirs.....	\$2,800 00
Mrs. Winslow .....	700 00
M. E. Rand, et als.....	5 00
	<hr/>
Amount carried forward, .....	\$3,505 00

Amount brought forward,.....	\$3,505 00	
Sam'l F. Cottle.....	5 00	
A. J. Merrill.....	24 00	
Francis Roberts.....	46 00	
Michael Brawn.....	76 00	
Mary Sinclair.....	90 00	
Don Carlos Sinclair....	60 00	
L. V. Gilmore.....	11 00	
Mellen Gilmore.....	200 00	
Wm. Johnson..	150 00	
Mary E. Lane.....	18 00	
A. D. & J. Spencer.....	24 00	
Willard Howard.....	90 00	
Town of Brewer.....	47 15	
		<u>\$4,346 15</u>

## LABOR.

Sundry persons, construction and repairs at Water Works.....	\$4,864 44	
F. E. Sparks, Inspector main service connec- tions, and repairs ..	1,832 43	
Wm. Savage, for labor and overseeing repairs at Water Works .....	406 85	
Patrick McGee, work on grounds at pumping house .....	20 00	
J. E. Green, taking care of fish-way, and sun- dry small bills.....	80 88	
J. H. Robinson, Commissioner, putting gravel into dam, per contract .....	311 30	
		<u>7,515 90</u>

## SALARIES.

Geo. H. Bartlett, clerk 3 months, to April 1, 1877.....	\$250 00	
L. H. Eaton, Superintendent 3 months and 3 days, to April 3, 1877.....	437 49	
Geo. F. Bryant, Clerk 1 year.....	800 00	
F. E. Sparks, Inspector.....	631 67	
W. W. Fellows, Engineer at Water Works... ..	1,312 46	
		<u>3,431 62</u>
Amount carried forward,.....		<u>\$15,293 67</u>

Amount brought forward, .....

\$15,293 67

## LUMBER.

Dole & Fogg.....	\$234 03
W. & L. Cutter .....	12 54
S. F. Barton & Co.....	3,020 66
John P. Webber .....	759 35
W. R. Ayer.....	966 75
Stetson & Co. ....	9 00
Hayford & Stetson .....	436 69
Woodman & Maling. ....	151 04
Trustees E. & N. A. Railway Company.....	8 16
Lewis Simpson .....	96 65
S. B. Gilman & Co .....	5 48
Gilman, Webster & Co .....	73 79

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 5,774 14

## BOOM STICKS, AND CHAIN.

L. & F. H. Strickland.....	\$101 71
Cutler & Eddy.....	141 69
P. D. & E. Webster.....	107 52

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 350 92

## STONE.

Alfred Day.....	\$61 44
Calvin G. Roberts.....	184 41
Daniel Webster.....	86 95
Wm. Lowney.....	15 79
Alex. Courier....	784 76
Sundry persons.....	248 45

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 1,381 80

## MAIN AND SERVICE SUPPLIES AND FITTINGS.

Newport Manf. Co.....	\$63 20
R. D. Wood & Co.....	744 40
Walworth Manf. Co.....	327 16
Morris, Tasker & Co .....	426 66
Gillis, Morrison & Co.....	4 05
Boston Lead Co .....	186 27

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 1,751 74

Amount carried forward, .....

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 \$24,552 27



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Amount brought forward, ..... \$24,552 27

## REPAIRS ON MACHINERY, IRON WORK AND HARDWARE.

Hinckly & Egery Iron Co.....	\$833 69	
Bangor Foundry & Machine Co.....	509 63	
Globe Iron Works.....	38 40	
N. H. Bragg & Sons.....	613 67	
Thomas Jenness & Son.....	129 38	
E. H. Fogg.....	85 41	
E. H. Fogg's estate.....	17 76	
Rice & Skinner.....	38 58	
Semple & Hinckley.....	50 01	
W. H. Pritchard.....	2 87	
W. P. Dickey & Co.....	6 03	
Hoskins & Veazie.....	80	
	<hr/>	2,326 23

## PLUMBERS' SUPPLIES AND LABOR.

Getchell, Leighton & Co.....	\$34 02	
A. Leighton.....	172 16	
Dole, Peakes & Co.....	1 22	
	<hr/>	207 40

## BLACKSMITH'S WORK.

Barney Kelley.....	\$40 67	
T. F. Cassidy.....	14 49	
Sam'l A. Fellows.....	2 17	
	<hr/>	57 33

## FUEL.

E. Jordan, wood.....	\$11 00	
James Walker & Co., same.....	37 21	
Gilman, Webster & Co., same.....	164 13	
Joseph Parker, same.....	9 00	
Bacon & Huckins, coal.....	29 40	
	<hr/>	250 74

## OIL.

Charles Hayward & Co.....	\$67 93	
F. M. Rowe.....	3 89	
	<hr/>	71 82

Amount carried forward, ..... \$27,465 79

Amount brought forward, ..... \$27,465 79

## FREIGHT, TRUCKING AND WHARFAGE.

A. P. Veazie & Co., freight. . . . .	\$20 00	
Capt. H. C. Young, same.....	26 00	
Thurston & Co., wharfage.....	2 00	
L. R. Marsh, trucking.....	114 04	
S. Chalmers & Co., same. ....	6 35	
W. L. Stewart, same.....	6 75	
David Jordan, same.....	1 50	
Sanford's Independent Line, freight....	2 66	
Sundry bills for freight and trucking, paid at various times.....	73 19	
C. A. Green, trucking.....	7 50	
		<u>259 99</u>

## HAY AND GRAIN.

H. Legro, hay.....	\$5 20	
C. H. Hodgdon, same.....	7 42	
W. M. Pratt, same.....	13 78	
J. L. Lee, same.....	11 62	
J. B. York, same.....	6 05	
E. H. Cass, grain.....	58 36	
		<u>102 43</u>

## CARPENTERS' MATERIALS AND LABOR.

O. C. Couillard .....	\$20 25	
Young & Bartlett .....	47 73	
Z. T. Dillingham.....	190 61	
Lowell & Tebbetts.....	1 67	
C. B. Brown.....	23 24	
		<u>283 50</u>

## METERS.

Union Water Meter Co.....	\$162 00	
Charles Hale & Co.....	32 00	
		<u>194 00</u>

## MASON WORK AND MATERIALS.

Geo. V. Laws.....	\$16 74	
J. W. Flanders .....	32 25	
J. M. Quimby .....	11 00	
John Towle .....	3 90	
		<u>\$63 89</u>
Amounts carried forward, .....	\$63 89	<u>\$28,305 71</u>

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CITY OF BANGOR.

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Amounts brought forward, .....	\$63 89	\$28,305 71
Stoddard & Hellier.....	27 00	
Martin & Luce.....	161 84	
George Martin.....	361 67	
James B. Fiske. ....	72 45	
B. F. Hurd .....	12 18	
	<hr/>	699 03

HORSE SHOEING, CARRIAGE AND HARNESS WORK.

J. Noonan.....	\$14 07	
Cowan & Fogg .....	2 55	
B. N. Thoms.....	107 10	
M. J. Madden ....	1 13	
D. C. Gould .....	20 25	
	<hr/>	145 10

PRINTING.

John H. Bacon.....	\$4 00	
Burr & Robinson.....	7 50	
S. S. Smith & Son .....	13 00	
	<hr/>	24 50

MISCELLANEOUS.

M. S. Drummond, damage to carriage.....	\$25 00	
Same, use of team and paid tolls.....	86 00	
C. D. Bryant, rent of buildings near water works.....	75 00	
Geo. A. Thatcher, rent of ground on Franklin street .....	16 67	
Charles Stetson, rent of office to April 1, 1877,	40 00	
F. H. Coombs, making plans and surveying at water works.....	50 00	
Morss & Whyte, copper screens for filters....	53 37	
Maine Mutual Marine Ins. Co., insurance on water pipes.....	14 80	
Henry McLaughlin, storage on pipe, etc.....	58 35	
J. C. Buzzell, 1 bolt cutter.....	45 00	
R. W. Kimball, wheelbarrows.....	20 04	
J. S. Ricker & Co., chimneys,wicks, etc.....	14 37	
George Stetson, old lead.....	2 76	
D. Bugbee & Co., stationery.....	26 30	
	<hr/>	
Amounts carried forward, .....	\$527 66	\$29,174 34

Amounts brought forward, .....	\$527 66	\$29,174 34
Charles Hight, same.....	2 00	
L. & F. H. Strickland, scow hire.....	33 88	
Geo. W. Savage, work on scow and chain for boom .....	109 59	
Gilman, Webster & Co., cordage.. ..	36 00	
Bowen & Braley, same.....	21 40	
Hincks & Nealley, same.....	3 92	
R. D. Bryant, repairing slate.....	3 00	
Peleg T. Jones, examining claims for damages,	26 20	
W. P. Burr, making abstracts.....	3 00	
Thomas W. Rowe, witness fee.....	2 00	
Isaac Sanborn, examining damage at Veazie Mills .....	7 60	
Bragg & Wescott, gear grease.....	27 16	
F. D. Pullen, rubber coats.....	12 00	
Conners Bros., boat .....	15 00	
Merritt & Webber, repairing tools.....	4 50	
Wood, Bishop & Co., 1 iron kettle.....	1 20	
R. B. Dunning, grass seed.....	2 35	
P. P. Pearson, painting.....	12 00	
Williams & Ackerman, same .. ..	5 50	
Marston & Son, painting signs.....	3 00	
Jarecki, Hays & Co., service box.....	1 99	
Frank P. Wood, carriage umbrella,.....	3 75	
Bangor Bridge Company, tolls. ...	12 24	
Bangor Gas Light Company, office on Ex- change street.....	1 20	
Bangor Edge Tool Company, axes and ice chisel ... .	9 00	
Sundry small bills for tools, and repairs on same .....	6 18	
Fletcher & Butterfield, sand and plaster.....	6 01	
S. P. Bradbury, marble shelf and brackets...	8 71	
Job Collett, files.....	15 87	
W. E. Mann, brimstone.....	1 00	
M. Lynch, repairing locks and fitting keys....	4 25	
E. D. Quimby, grading grounds at Water Works, labor of men and teams at various times, etc.....	414 15	
Amounts carried forward, .....	\$1,343 31	\$29,174 34



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## CITY OF BANGOR.

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Amounts brought forward, .....	\$1,343 31	\$29,174 34
J. H. Robinson, Commissioner, concrete at Water Works.....	137 25	
J. U. Briggs, chain.....	28 92	
J. E. Harriman, horse hire .....	42 00	
Carlos Nudd, examination of dam .....	30 00	
M. Schwartz, 1 drag saw .....	4 50	
	<u>          </u>	1,585 98
		<u>\$30,760 32</u>

## CITY AGENCY FUND.

## RECEIPTS.

Cash received of Fred. C. Morrill, Agent.....	\$3,542 20	
W. Z. Clayton, same.....	18,000 00	
E. P. Chase, State Agent, for liquors returned,	132 69	
	<u>          </u>	\$21,674 89

## EXPENDITURES.

Paid E. P. Chase, State Agent for liquors or- dered by F. C. Morrill.....	\$2,438 66	
Same, W. Z. Clayton, same.....	14,153 30	
	<u>          </u>	\$16,591 96
Sundry incidental expenses, rent, freight, cart- age, corks, etc., by F. C. Morrill.....	\$118 89	
W. Z. Clayton, same.....	440 31	
	<u>          </u>	559 20
T. G. Stickney, coal ... ..		22 32
Dole, Peaks & Co., water piping, etc.....		21 50

## SALARIES.

F. C. Morrill.....	\$87 82	
Richmond Hayward.....	60 40	
N. H. Colton.....	37 50	
J. J. Flynn.....	351 06	
W. Z. Clayton.....	523 96	\$1,060 74
		<u>          </u>
		\$18,255 72
Unexpended balance.....		3,419 17
		<u>          </u>
		\$21,674 89

## GAS FUND.

## RECEIPTS.

Appropriation for 1877-8.....	\$5,000 00
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## EXPENDITURES.

Bangor Gas Light Co., 24 lamps (all night, 3 months, at \$50.....	\$300 00	
69 lamps, 3 months at \$32 .....	552 00	
24 " 9 " at \$38 .....	684 00	
69 " 3 " at \$27 ... ..	465 75	
71 " 6 " at \$27 .....	958 50	
	<hr/>	\$2,960 25
Globe Gas Light Co., 8 lamps all night, 12 months \$30.....	\$240 00	
74 lamps, 1 month, \$22.....	135 67	
75 lamps, 1 month, same .....	137 50	
77 lamps, 10 months, same.....	1,411 70	
Glass ordered previous.....	115 00	
	<hr/>	
	\$2,039 87	
Less discount on settlement with B. B. Thatcher, Esq., chairman.. ..	100 00	
	<hr/>	1,939 87
W. G. Duren, repairs on lamps and posts....		18 73
		<hr/>
		\$4,918 85
Unexpended balance ... ..		81 15
		<hr/>
		\$5,000 00

## TEMPORARY LOAN FUND.

## RECEIPTS.

Appropriation .....	\$82,000 00
From various funds.....	65,500 00
	<hr/>
	\$147,500 00

## EXPENDITURES.

Paid Treasurer's notes as follows:

Dated June 7, 1876, on demand .....	\$5,000 00	
June 7, 1876, on demand .....	10,000 00	
February 1, 1877, 9 months .....	20,000 00	
February 1, 1877, same .....	20,000 00	
March 17, 1877, 8 months .....	20,000 00	
March 17, 1877, same .....	10,000 00	
April 4, 1877, 7 months .....	10,000 00	
April 16, 1877, same .....	10,000 00	
June 8, 1877, 5 months .....	15,000 00	
September 1, 1877, 3 months .....	5,000 00	
September 1, 1877, same .....	5,000 00	
September 1, 1877, same ..	15,000 00	
October 1, 1877, on demand .....	2,500 00	
		\$147,500 00

## INTEREST FUND.

## RECEIPTS.

Appropriation .....	\$50,000 00	
Collected from other sources .....	4,538 82	
		\$54,538 82

## EXPENDITURES.

Paid interest on Municipal and Water Bonds ..	\$45,005 00	
"    Trust Fund .....	4,680 00	
"    Temporary loans .....	3,295 21	
		\$52,980 21
Balance unexpended .....	1,558 61	
		\$54,538 82

# CITY GOVERNMENT.

1878-79.

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MAYOR,  
AUGUSTUS C. HAMLIN.

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ALDERMEN :

Ward 1. Nehemiah H. Colton. Ward 4. William H. Brown.  
Ward 2. Jesse E. Harriman. Ward 5. Charles P. Stetson.  
Ward 3. Charles P. Brown. Ward 6. Silas D. Jones.  
Ward 7. Amos Pickard.

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CITY CLERK.  
VICTOR BRETT.

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COMMON COUNCILMEN :

PRESIDENT—Henry D. Williams.

Ward 1. Owen Moran, Daniel O'Connell, William H. Darling.	Ward 4. Jeremiah M. Gilman, Frank Currier, Charles B. Brown.
Ward 2. Henry D. Williams, Michael J. Desmond, Wilbur J. Webb.	Ward 5. Isaac H. Grover, Charles E. Lyon, Daniel M. Howard.
Ward 3. Joseph W. Thompson, Warren A. Bragg, Zebulon Grover.	Ward 6. Albert F. Merrill, Augustus E. Pote, Job Collett.
Ward 7. George W. Spratt, David A. Garland, Thomas Gillespie.	
Clerk of Common Council—Charles E. Field.	



## WARD OFFICERS.

	WARDENS.	WARD CLERKS.
Ward 1.	John Lynch, Jr.	Thos. F. Flemings.
“ 2.	Ephriam P. Lansil.	Frank H. Williams.
“ 3.	Wm. T. C. Wescott.	Augustus L. Bourne.
“ 4.	Albert Bean.	Fred. A. Chamberlain.
“ 5.	Chas. H. Stickney.	Samuel R. Yeaton.
“ 6.	Horace M. Dwelley.	George W. Getchell.
“ 7.	Thos. A. Williams.	Elliott W. Corson.

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 OFFICERS ELECTED BY THE CITY COUNCIL.
 

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City Clerk—Victor Brett.  
 Treasurer and Collector—John L. Crosby.  
 Street Commissioner—William P. Wingate.  
 Chief Engineer of Fire Department—Otis D. Maddocks.  
 City Physician—R. J. Lemont.  
 City Solicitor—F. H. Appleton.  
 City Engineer—F. H. Coombs.  
 Harbor Master—Walter Ross.  
 City Marshal—William F. Reed.  
 Assessors—Silas C. Hatch, Lemuel Nash, Samuel R. Yeaton.  
 Overseers of Poor—Jonathan Burbank, David W. Potter, Ichabod  
 E. Leighton.  
 Cemetery Board—Joseph S. Wheelwright, Albert W. Paine,  
 Isaac M. Bragg.  
 Constables—Wm. F. Reed, P. F. R. Clark, James Mayhew,  
 Simon F. Walker, Leonard M. Walker.  
 Pound Keeper—B. M. Duffy.  
 Superintendent of Sewers—Wm. P. Wingate.  
 Health Officer—Wm. P. Wingate.  
 Truant Officer—Wm. F. Reed.

School Committee—Richard Kelliher, James H. Crosby, A. L. Simpson, G. W. Hall, Daniel Sanborn.

School Agent—Byron Porter.

Street Engineers—N. H. Colton, Geo. W. Spratt.

Field Drivers—Elijah Page, Geo. W. Stevens, Geo. Waterhouse, Asa Woodruff, Philip Richardson, Perry Barnes, H. R. Legro, J. O. Mullin, David W. Dickey, Dudley Bean.

Surveyors of Lumber—F. J. Cummings, Geo. W. Vickery, W. L. Morse, Chas. B. Wyman, J. E. Kent, J. H. Crosby, Patrick Cox.

Fence Viewers—Alvah Osgood, S. F. Fuller, M. L. Mills, Samuel Jewett, J. N. Drew, George Waterhouse.

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BANGOR WATER BOARD.

A. C. Hamlin, Mayor, President, *ex officio*.

Hiram B. Williams,	Term expires, March, 1881.
Hiram H. Fogg,	Term expires, March, 1881.
Albert G. Wakefield,	Term expires, March, 1880.
John S. Ricker,	Term expires, March, 1880.
Manuel S. Drummond,	Term expires, March, 1879.
Sprague Adams,	Term expires, March, 1879.

## OFFICERS APPOINTED BY THE MAYOR AND ALDERMEN.

Policemen—P. F. R. Clark, Sylvester Gordon, William Weymouth, James Nickerson, John Clifford, Chas. F. Gallagher, Levi Emerson.

Surveyors of Wood and Bark—Levi B. Patten, J. H. Robinson, Jos. Page, David A. Garland, H. P. Oliver, J. N. Drew, Jos. N. Downe, John A. Bacon, H. B. Stewart, Isaac M. Currier, J. A. C. Mason, H. T. Clark, E. H. Cass, Orison Rogers, Harris Bailey, Isaac Grover.

Weighers of Hay, Coal, etc.—Jos. E. Kent, Frank Hight, Chas. H. Huckins, John F. Woodman, Chas. E. Field, A. H. Babcock, Gilman Cram, John A. Bacon, Edward F. Fisher, Harris Bailey, Ansel Lennan, Patrick Gillespie, W. H. Bradford.

Weigher and Gauger—O. H. Ingalls, E. H. Cass.

Engineer of Steam Fire Engines—Jos. E. Merritt.

Sealer of Weights and Measures—W. H. Pritchard.

Assistant Engineers of Fire Department—(Appointed by Chief, and approved by Mayor and Aldermen.) I. E. Leighton, A. H. Parker, John Mason.

ASSISTANT ASSESSORS, (appointed by Assessors, and approved by Mayor and Aldermen.)

Ward 1—Prescott P. Holden.

“ 2—Colby A. Jordan.

“ 3—Augustus K. Dole.

“ 4—Hosea R. Legro.

“ 5—Zebulon S. Patten.

“ 6—Henry Gale.

“ 7—Elliott W. Corson.

## JOINT STANDING COMMITTEES.

## ON FINANCE.

Alderman Stetson, Councilmen Bragg and Howard.

## ON ACCOUNTS AND CLAIMS.

Alderman Jones, Councilmen Thompson and Lyon.

## ON WATER.

Alderman C. P. Brown, Councilmen Webb and Collett.

## ON STREETS AND HIGHWAYS.

Alderman Colton, Councilmen Spratt and Collett.

## ON SCHOOLS.

Alderman Pickard, Councilmen Webb and Merrill.

## ON FIRE DEPARTMENT.

Alderman Harriman, Councilmen Desmond and Grover, from 3.

## ON PAUPER DEPARTMENT.

Alderman C. P. Brown, Councilmen Bragg and Garland.

## ON GAS.

Alderman Jones, Councilmen Currier and Moran.

## ON CITY PROPERTY.

Alderman Colton, Councilmen Brown and Pote.

## ON BY-LAWS AND POLICE REGULATIONS.

Alderman Pickard, Councilmen Darling and Gillespie.

## ON ENGROSSED BILLS AND ORDINANCES.

Aldermen Stetson and W. H. Brown,  
Councilmen Gilman, O'Connell, and Grover, from 5.

## ON CITY AGENCY.

Aldermen Colton and W. H. Brown.

## ON SEWERS.

Alderman Harriman.

## SALARIES OF SUBORDINATE OFFICERS.

	1877.	1878.
Mayor .....	\$800 00	\$800 00
City Clerk.....	600 00	350 00
Clerk of Common Council.....	100 00	75 00
City Marshal.....	900 00	450 00
Policemen, each .....	550 00	500 00
Street Commissioner.....	800 00	600 00
City Solicitor... ..	500 00	450 00
Chief Engineer of Fire Department.....	300 00	250 00
Assistant Engineers, each.....	75 00	50 00
Harbor Master .....	200 00	150 00
Truancy Committee.....	50 00	50 00
Superintendent of Sewers.....	200 00	50 00
Health Officer .....	50 00	50 00
City Treasurer,.....	500 00	
City Treasurer, including clerk hire.....		500 00
Collector of Taxes, on amount collected and paid into Treasury, including clerk hire, (of 1 per cent.) .....		1-2
Collector of Taxes, on amount of money actually collected for taxes and paid into the Treasury, (of 1 per cent.) ..	1-2	
Assessors, per day each.....	3 00	3 00
Assistant Assessors, per day, each.....	2 00	2 00
City Auditor, per day.....	5 00	5 00
City Engineer, per day .....	5 00	4 00
Overseers of the Poor, each.....	175 00	175 00
School Agent.....		600 00
Engineer of Steamers.....	400 00	300 00
City Physician.....	200 00	200 00
City Agent.....	600 00	
Assistant.....	450 00	
Clerk of Water Board.....	800 00	500 00
Inspector .....	600 00	600 00
Engineer of Water Works, including Ass't..	1300 00	1,200 00



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Maine Forest

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