

CITY DOCUMENT, No. 37.

INAUGURAL ADDRESS

OF

HON. SAMUEL E. HILDRETH

MAYOR OF THE CITY OF WORCESTER, JAN. 1, 1883;

WITH THE

ANNUAL REPORTS

OF THE SEVERAL DEPARTMENTS,

FOR THE

FINANCIAL YEAR ENDING NOVEMBER 30, 1882.

WORCESTER:
PRESS OF CHARLES HAMILTON,
No. 311 MAIN STREET.
1883.

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CITY OF WORCESTER.

IN CITY COUNCIL, May 21, 1883.

Ordered :

That the Committee on Printing be, and they are hereby authorized to cause to be published 1500 copies of the annual "City Document," to be numbered 37; to contain the Mayor's Inaugural Address, together with the Reports of the several Departments, for the year 1882.

Approved May 22, 1883.

S. E. HILDRETH, *Mayor.*

A Copy, Attest:

E. H. TOWNE,

City Clerk.

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MAYOR'S ADDRESS.

Gentlemen of the Board of Aldermen,

and of the Common Council:—

WE have met to-day, according to usage, to take the oath of office and qualify ourselves to enter upon the duties our fellow-citizens have called us to perform. Some of you, gentlemen, are more or less acquainted with them, and perhaps need no words of mine; and yet it is well for us to consider some of the matters in a general way that are to engage our attention.

As our city increases in population and wealth the duties of the City Council increase in proportion. The disbursement of so large an amount of money as is necessary to carry on the affairs of a growing city of nearly 70,000 inhabitants (to say nothing about new enterprises that are continually arising), should receive your most careful consideration and best judgment; and the people who have placed us here with their votes, have a right to demand it from us. It is not desirable at this time to enter upon a detailed statement of the condition of the city, as this will be found in the annual reports of the heads of the different departments. I only desire to call your attention to these matters in a general way.

Although having no communication by water with the markets of the world, our beautiful city, lying among the hills in the centre of the State, is dotted all over with manufacturing establishments which are the very life of our business prosperity. I venture to say there is no other city in the State where laboring men and those dependent upon them are more prosperous and happy than in our limits. This condition of things is largely owing to the wise and prudent management in the past; therefore let us be faithful to the trust imposed upon us that these

blessings may be continued. All the great questions of public interest, such as Schools, Highways, benevolent and reformatory institutions, will and must demand our most careful attention.

FINANCE.

On the 30th of November, 1882, the end of the fiscal year, the gross funded debt of the city was \$2,652,700, showing an increase of \$70,400 in the last year. The debt, less sinking funds and cash in the treasury, at the same date, was \$2,207,503.62, as against \$2,180,551.12, November 30, 1881. The interest rate on our Funded Loan is as follows:

On \$1,059,300, 6 per. cent. On \$775,000, 5 per cent.

“ 140,000, 4½ “ “ 678,400, 4 “

The average rate is a little less than $5\frac{12}{100}$ per cent.

There were no temporary loans outstanding at the close of the year. The amount for the completion of Summer Street should be funded early in the season, and will receive your attention.

The several sinking funds, on the 30th November last, amounted to \$355,890.15—a net increase of \$90,590.23 since November 1, 1881. From sundry balances of appropriations for 1882, from sewer assessments, water rates, etc., will be derived additional contributions, which are to be accounted for on the books of the Commissioners during the current financial year.

The various Trust Funds belonging to the city amount to \$181,713.19, as follows:

A. H. Bullock High School Fund,	\$1,532 11
Hope Cemetery Fund, - - - -	10,857 46
Dr. John Green Library Fund, - - - -	41,485 26
Isaac Davis Hospital Fund, - - - -	1,865 13
George Jaques Hospital Fund, - - - -	119,770 66
Albert Curtis Hospital Fund, - - - -	1,014 03
John B. Shaw Hospital Fund, - - - -	188 54
Joseph A. Tenney Hospital Fund, - - - -	5,000 00
Total, - - - -	<hr/> \$181,713 19

The details of all transactions relative to these funds will appear in the reports of the several Boards and Commissioners having them in charge.

Further information in regard to the financial condition of the city will appear in the annual reports of the Treasurer and Auditor.

HIGHWAYS.

We have within the limits of the city about one hundred and fifty miles of public and some sixty miles of private streets, which require the constant care of the Commissioner and a large force of men.

One of the largest items in this department the past year has been that of Summer Street, which is not yet completed; consequently the expense will have to be provided for this year. A large portion of the appropriation for streets the past year has been spent in macadamizing, with very satisfactory results. I would recommend the continuance of this work so long as the results continue to be satisfactory; yet in order to make this more perfect we need a Steam Roller with a Pick attachment. This is not a necessity at present, yet the investment would doubtless prove economical.

In many streets where very heavy teaming is to be done, I would recommend block paving as more suitable. The Commissioner will call your further attention to this subject in his annual report. The expenses for streets the past year have been divided as follows :

Curb-stones, gutters and cross walks,	-	\$14,952 03
Block paving,	- - - - -	13,612 28
Macadamizing streets,	- - - - -	26,318 33
Constructing new streets,	- - - - -	32,175 42
Street cleaning,	- - - - -	5,083 47
Repairing bridges,	- - - - -	849 33
Breaking roads,	- - - - -	3,279 00
Constructing sidewalks,	- - - - -	8,195 59
Labor to sundry persons,	- - - - -	7,055 95
Street repairs,	- - - - -	21,051 04
Total,	- - - - -	<hr/> \$132,572 14

WATER.

Our water supply is a source of anxiety to our people in consequence of our limited storing capacity. The amount that was sufficient for a town of 25,000 to 40,000 inhabitants is far too small for 70,000 to 100,000. Our predecessors having foreseen the needs and considered the matter, the Joint Standing Committee on Water reported to the City Council in November, several plans for taking the water of the Tatnuck Brook; their report will come before you at an early day.

There are 4704 Meters at present on the works, 377 having been set the last year. If the water takers could be induced to use meters more generally, our supply would last longer, as the waste is much greater where meters are not used. The amount of water metered last year was 421,175,894 gallons. The supply of water stored in the reservoir was 26,000,000 gallons less November 30, 1882 than November 30, 1881.

SEWERS.

In order to provide for the carrying off of so large an amount of water, and to drain new territory, the Sewer Department is continually being pressed for greater accommodations.

There are to-day $42\frac{90}{100}$ miles of sewers in the city, 1625 man-holes, and 933 catch-basins, all in good condition for service. Permits have been granted in 389 cases to enter sewers the past year.

The sewers now in course of construction are the Pine Meadow Sewer, so called, which is to drain the entire locality between the Union depot and the new Lunatic Hospital.

The Cambridge Street Sewer is the outlet of a large area south of Ripley Street, also that part of the city known as the Pleasant Street Flats. In order to do all that is required the coming year liberal appropriations will be required.

I desire to call your attention to the Mill Brook Sewer below the Boston & Albany Railroad. Several petitions have been presented to the City Council asking that a portion of this sewer may be arched for several reasons, to which your attention will be called at an early day.

SCHOOLS.

The cost of maintaining our public schools the past year has been \$173,729.01—at a cost to each pupil of \$19.18. There has been no increase of school accommodations in the same time except at the Thomas Street School, which has been repaired at an expense of \$9,923.32.

The number of pupils registered in our day schools is 11,887; average attendance, 9,008 during the year. The number of scholars in actual attendance December 1, 1882, was 9,622, against 9,056 December 1, 1881, showing an increase of 566 during the year. With this ratio of increase it is very evident that we must have greater accommodations soon, or the Committee will be very much embarrassed, as all the present rooms are about full. The increase last year will fill one house of ten rooms.

The Committee have already voted to recommend the building of six new rooms at Winslow Street school-house, and another of eight rooms on Millbury Street, near Cambridge Street, the present season. Also in the near future we shall need one at New Worcester and one at East Worcester.

The number of teachers December 1, 1882, was 222. There is much more of detail in the Superintendent's report, to which I would call your careful attention.

POLICE.

The highest interests of our city demand a good and efficient Police force. The efficiency of that force would be increased by making it a permanent organization. My predecessors have for several years recommended a commission or some means whereby this result can be accomplished, and I heartily concur with them in this recommendation, and if you can frame an Ordinance so as to accomplish this result you will receive the approval of a large portion of the community.

With a Fire Department that honors our city in its efficiency; with a Free Public Library conducted solely for the advantage of all classes until it has become a model of its kind; with a system of charities that tends to the decrease of pauperism;

with a City Hospital adequate for all emergencies; our city has reason to congratulate itself on the good work already done and see to it that none of these interests suffer. The care of Hope Cemetery has rested upon a competent Board of Commissioners; our Public Grounds have shown increasing improvement with each year under a Commissioner who has made the city his debtor by his faithful service.

Gentlemen:

It has been impossible in these few words, to do more than hint at the important interest entrusted to our keeping. Ours are duties of no mean responsibility. In a city whose taxable property exceeds forty-five millions of dollars, and whose population ranks at least third in the State, our deliberations demand the most patient pains-taking and the strictest guard over the best interests of the people; we cannot be partisans.

The tests of good order are recorded in our civil laws. No higher civil demands lay their claims upon us than that we carry out the principles of Justice, so far as in us lies, making the name of our city the equivalent of good order, in just laws wisely administered.

VALEDICTORY ADDRESS

OF

HON. ELIJAH B. STODDARD.

ALDERMAN McCafferty offered the following resolutions :

Resolved : That we, the Aldermen and members of the Common Council of the city of Worcester, assembled in the chamber of the Common Council to hear the Hon. Elijah B. Stoddard's review of the work of the municipal administration of city affairs for the year 1882, take this opportunity to express to him our high appreciation of his official and personal efforts as its chief magistrate to advance the moral, mental and material interest of our people. We thank him for his earnest and prompt attention to public business, for his urbanity and kindness in all his intercourse as presiding officer, whether in convention of the City Council, over the Board of Aldermen, or as Chairman of the various municipal committees.

Resolved : That we thank him for that prudence, foresight and sagacity that enabled him to adjust and settle so many claims against the city, not all incurred by this administration, but mostly inherited from another, and imposed upon the city by the decree of the County Commissioners, with so little expense to the tax payers, and to the satisfaction of the various claimants themselves.

Resolved : That we thank him that under a police force sagaciously managed, though inadequate in numbers to our population of nearly 65,000 souls, and our extensive territory, good order has been preserved; and that life has been secure and property comparatively safe, and our city remarkably exempt from the many crimes and misdemeanors so common in communities much less numerous than our own.

Resolved : That, now, upon our separation from him as chief of our municipal affairs, while we tender to him our sincere congratulations upon the entire success of his administration of them, we hope for him personally a long life, filled with happiness, among loving friends, devoted neighbors and fellow-citizens, whose cause for gratitude toward him we know will be more apparent hereafter as they shall know how faithfully he served them, and how disinterestedly he labored for their interests as Mayor of the city of Worcester, in the year 1882.

Aldermen Goddard, Walker and Reed, President Parker of the Common Council, and Councilman O'Gorman all favored

the resolutions and added their own personal expressions of the value of Mayor Stoddard's services, and his uniformly courteous treatment of the members of the City Council. The resolutions were unanimously passed. Mayor Stoddard responded as follows :—

Gentlemen of the City Council :

I trust you will not consider it inappropriate if, before we separate as the City Council of the year 1882, I review briefly some of the work which has been accomplished and which has received some special attention from us.

THE BLACKSTONE RIVER QUESTION.

When we entered upon our duties at the beginning of the year we found that the State Board of Health, by order of the Legislature, had made a report recommending a plan whereby the city, on its adoption, would be required to expend several hundred thousand dollars to relieve the inhabitants of the Blackstone valley of an alleged nuisance arising from our system of sewers. Action was soon taken in the General Court, and notice to appear was duly issued, making it necessary for a committee, in the midst of various and conflicting opinions existing in the community, to promptly prepare to meet the case in defence. It was our first aim to convince the Legislative Committee that the State Board of Health were mistaken in the plan they had proposed, and that its adoption would not remedy the evil complained of.

The final report of the committee settled the question so far as related to the plan proposed by the Board of Health. The committee, however, reported another plan which was equally repugnant to the rights of the city; but it was difficult to convince the Senate that the joint committee's plan should not be made a law; thereby impairing the rights for sewerage which a former Legislature, years before, had granted. Owing, however, to the vigorous and skilful way in which the points were presented and argued by our able Solicitor, together with the co-operation and vigilance of the members of the Legislature from

this city, the ultimate decision was almost unanimous in favor of the rights of Worcester, and the law was not changed. This result stands as a final and sufficient answer to the criticisms and charges of inefficiency that have been so unjustly made. As a renewal of the complaints is threatened, there may be opportunity to see in what way your successors will protect the rights of the city more effectually than you have done. In meeting successfully so grave a question, and such a united and persistent body of petitioners, the city was fortunate to incur only a moderate expense, and to have wasted no money.

SUMMER STREET.

The re-location of Summer Street was ordered by a decree of the County Commissioners, August 16, 1881, and the work was left for you to carry out. Early action was taken, and the decree has been complied with under the direction of your able Highway Committee. Much loose talk and speculation as to its cost have prevailed in the community during the year, and this, apparently, without so much as a desire, much less any honest effort on the part of some of our critics, to obtain truthful information. The bills show that \$53,107.22 have been paid for construction, and \$20,338.20 for land damages. There remain only four or five claims which have not been adjusted. Including these last upon the basis of awards made by the commissioners, the whole expense ought not to exceed \$85,000. In this work, new water pipes have been laid, costing \$5,000, and macadamizing has been done at a cost of at least \$5,000 more; items which ought really to be deducted from the cost above given, for the reason that these improvements would have been necessary upon the old street. So that the proper cost of the improvements upon Summer Street is not over \$75,000. In my opinion, most of our citizens who are competent judges, will conclude that this improvement was one of wise forethought, and was taken in hand none too soon. There have been set and re-set of curbing $14,755\frac{8}{10}$ lineal feet. There have been gutters paved, $6581\frac{9}{10}$

square yards; and there have been between three and four miles of streets macadamized.

SEWERS.

You have appropriated and expended \$25,300 for a sewer to relieve the East Worcester district, and the work has been successfully, conveniently and economically done by the use, for the first time in this city, of a Carson excavator. About \$9,000 have been expended on Cambridge Street for a sewer, which, if properly extended, will give relief to the Lincoln Brook district. To many who are unfamiliar with the demand and necessity for these improvements they may seem extravagant; my own feeling is of wonder that the suffering inhabitants of these districts have not demanded the earlier beginning of these sewers for their relief, so absolutely necessary do they appear to me for the convenience and good health of a large number of our own people. You have done a plain duty in the premises, and I trust your successors will see the importance of carrying on the good work. The appropriation for lateral sewers has been liberal, and the money has been judiciously spent upon carefully planned work.

WATER.

The appropriation for the extension of water pipes has not proved sufficient to meet the demand, but the greater number of petitioners have been relieved, and the work has been satisfactorily done by the Commissioner. The much agitated question of a larger water supply, after months of laborious investigation, has been reported upon, and I see no reason why the plan and recommendations submitted by the Water Committee should not be adopted at an early day. The undertaking will, of course, greatly augment the city debt; but the short supply of the past year shows that further delay would be detrimental if not dangerous.

FIRE DEPARTMENT.

The Fire Department has been managed in a most commendable manner, and has rendered a service fully equal to its cost. By the firmness and experience of the committee, the department has been kept to the highest standard of efficiency; and, while the city has been remarkably fortunate in escaping losses by fire, our citizens should abate not one jot of their liberal support of an organization to which they are so much and so constantly indebted.

THE POLICE.

Marshal Drennan and Assistant-Marshals Thayer and Churchill served with credit and honor in the army. They had other than political claims and qualifications for re-appointment, this year, to their positions. By courage, training and long public service, they were unusually well fitted for the duties required. Without my knowledge or suggestion they have given to the public a partial report of their official doings, and I am free to say that I consider it unsurpassed, if ever equalled, by any record that has ever been presented in this city. For the vast amount of criminal business fearlessly undertaken and successfully done under their management, they are entitled to your thanks and the public gratitude. The patrolmen have shown good discipline and have attended to their difficult duties faithfully and discreetly. Throughout the entire year the city has been orderly and well protected.

PUBLIC BUILDINGS.

A new police station, of which there was need, has been begun. By exchange with the fire department, on Lamartine Street, and the building of a new hose house, an economical arrangement has been made by which the police and the fire departments will each have quarters suitable for their needs. The Thomas Street

school-house has been enlarged, repaired, and put in excellent condition at an expense of \$10,324.78.

CONCLUSION.

Without trespassing further upon your time, I refer you to the various reports for fuller details of the work of the year, of which I have attempted to give only an outline sketch of special matters. The Committees on Finance, Claims, and Lighting Streets, have attended to their duties with excellent results. And now, gentlemen, in a few words, let me thank you for the resolutions with which you have honored me, and express my own grateful appreciation of your courtesy during my term of office. Undertaking an arduous service, in which the rules and methods of carrying on the government have been so entirely changed since my former connection with it, I have been surprised that, in all our deliberations and conclusions, there has prevailed such a spirit of harmony and agreement. I recognize with the greatest satisfaction your regular and punctual attendance at the numerous meetings of the committees, maintained, as I know it has often been, at the sacrifice of far more agreeable engagements. The public are little aware of the many hours each of your number has spent in weighing matters which often pass in board meetings without debate, because of the confidence placed in the opinions and fidelity of the committees. If you expect a popular appreciation of your labors you are liable to be disappointed. Your reward must be chiefly the satisfaction of knowing that you have faithfully administered the trusts committed to your charge. If you should perchance occupy advanced positions, it may be only to leave them under the hostile fire of ungrateful and unjust criticisms. This being an occasion all our own, I think we need not refrain from saying, as we look back upon our work, that it has been done unselfishly and in a business-like way ; that we have not spent the people's money except for the people's needs ; that we have made no great experiments at the people's risk and cost ; that we have begun no costly work for our successors to finish and pay for. If I have aided you in your

arduous duties by advice, suggestion or co-operation, I am well repaid by the friendships formed here, and by the thousand courtesies received at your hands. Regretting that I have not been able to discharge the duties of Mayor more acceptably, I retire with a great sense of relief and with personal satisfaction, content to be classed with my one-term predecessors, Mayors Lincoln, Bullock, Rice, Aldrich, Ball, Earle, Verry and Davis.

You who retire, and you who continue, have reason to feel that you deserve the honor of your fellow-citizens for the faithful service you have rendered in the City Council of 1882. Please accept my sincere good wishes for your future welfare and happiness. To the accurate and accomplished City Clerk, to the wise and careful Auditor, to the genial and valuable, though over-worked Treasurer, and not less to the heads of the other departments, who quietly, unostentatiously and courteously have attended, in season and out of season, to the manifold details of work on the streets, sewers and water supply, under the careful inspection of our intelligent and skilled Engineer, I return thanks personally, and in behalf of the city. It is with the greatest satisfaction that I testify to the harmonious working of all branches of the City Government during the year 1882. And, gentlemen of the City Council, whenever we meet, I trust that our relations may be no less cordial than they have been during the year that now comes to an end.

REPORT OF THE CITY TREASURER.

OFFICE OF THE CITY TREASURER, }
WORCESTER, MASS., January 1, 1883. }

To the Honorable City Council:

The undersigned herewith presents his account of Receipts and Payments in the Treasury Department for the year ending November 30, 1882, from which it appears that the

Cash in the Treasury, Dec. 1, 1881, was	\$209,706 36
Received during the year,	1,756,091 12
Total,	<hr/> \$1,965,797 48
Paid during the year,	1,800,366 31
Balance, Nov. 30, 1882,	<hr/> \$165,431 17
From which deduct unpaid drafts,	76,124 94
Leaving balance, as per Auditor's Account, of	<hr/> <hr/> \$89,306 23

The several items comprised in the above aggregates appear in the accompanying account current.

Respectfully submitted,

WM. S. BARTON,
City Treasurer.

Dr. CITY OF WORCESTER, in account current from Dec. 1, 1881,

To authorized payments, charged to sundry accounts, as follows :—

No. of acct.		
1.	Abatements and Discount,	\$52,174 27
2.	Board of Health,	1,459 37
3.	City Hall,	3,453 38
4.	City Hospital,	8,976 00
5.	City Hospital Building,	19,767 59
6.	City Hospital, Jaques Fund,	6,062 33
7.	City Hospital, Tenney Fund	382 63
8.	Collector's Sales, Surplus Account,	18 50
9.	Fire Department,	54,152 87
10.	Fire Department, Fire Patrol,	1,200 00
11.	Free Public Library,	13,974 13
12.	Highway Department,	128,129 93
13.	Incidental Expenses,	14,136 21
14.	Interest,	104,394 24
15.	Interest on Sewer Loan,	15,000 00
16.	Interest on Water Loan,	21,308 00
17.	Jaques Forfeiture Account,	23,400 00
18.	Lighting Streets,	36,342 30
19.	Liquor Licenses,	8,337 50
20.	Loans, Funded City,	6,000 00
21.	Loans, Funded Water,	12,000 00
22.	Loans, Temporary,	435,000 00
23.	Lynde Brook Damages,	603 00
24.	Pauper Department, City Relief,	18,753 63
25.	Pauper Department, Farm,	19,644 65
26.	Pauper Department, House Offal,	14,100 79
27.	Pauper Department, Truant School,	2,055 66
28.	Police Department,	64,897 54
29.	Public Grounds,	6,307 19
30.	Real Estate, Lien Account,	926 44
31.	Salaries,	21,682 44
32.	School Department,	180,378 13
33.	School-Houses,	592 85
34.	Sewers, Construction,	62,097 34
35.	Sewers, Island Account,	8,253 75
36.	Sewers, Maintenance,	8,740 74
37.	Sinking Fund, 1875, General Debt,	55,828 55
38.	Sinking Fund, 1876, Water Loan,	2,097 07
39.	Sinking Fund, 1877, Lynde Brook Damages,	10,499 30
40.	Sinking Fund, 1878, Lynde Brook Damages,	6,022 86
41.	Sinking Fund, 1879, Lynde Brook Damages,	3,844 18
42.	Sinking Fund, 1879, Island Sewer,	4,457 82
43.	Sinking Fund, 1879, Foster Street,	9,650 53
44.	Sinking Fund, 1880, Island Sewer,	1,195 26
45.	Sinking Fund, 1880, Foster Street,	2,671 35
46.	Sinking Fund, 1881, Island Sewer,	2,336 21
47.	Sinking Fund, 1881, City Hospital Building,	2,971 18
48.	Sinking Fund, 1882, Lynde Brook Damages,	2,450 02
49.	Sinking Fund, 1882, Jaques Forfeiture Acct.,	1,937 70
50.	Sinking Fund, 1882, City Hospital Building,	2,855 40
51.	State Aid,	8,606 50
52.	Street Construction,	31,853 71
53.	Street Construction, Summer Street,	67,386 57
54.	Taxes, 1881, Corporation,	9 56
55.	Taxes, 1881, County,	17,285 00
56.	Taxes, 1881, National Bank, State Account,	23,351 48
57.	Taxes, 1881, State,	42,765 00
58.	Taxes, 1882, County,	19,013 50
59.	Water Works, Construction,	82,768 31
60.	Water Works, Maintenance,	23,805 85

Balance, Cash in Treasury, Nov. 30, 1882, \$1,800,366 31
 165,431 17

\$1,965,797 48

to Nov. 30. 1882, with W. M. S. BARTON, *City Treasurer*, Cr.

By Cash received and credited to sundry accounts, as follows:—

No. of acct.		
1.	Bills Receivable,	\$7,800 00
2.	Board of Health,	9 00
3.	City Hall,	1,000 25
4.	City Hospital,	2,396 76
5.	City Hospital, Jaques Fund,	5,442 15
6.	City Hospital, Tenney Fund,	250 00
7.	Fire Department,	969 09
8.	Free Public Library,	3,071 21
9.	Highway Department,	36,952 27
10.	Incidental Expenses,	8,451 75
11.	Interest,	20,140 94
12.	Lighting Streets,	315 16
13.	Liquor Licenses,	33,350 00
14.	Loans, Funded City,	38,400 00
15.	Loans, Temporary,	435,000 00
16.	Pauper Department, City Relief,	3,380 94
17.	Pauper Department, Farm,	5,149 35
18.	Pauper Department, House Ofal,	5,466 28
19.	Police Department,	8,993 57
20.	Public Grounds,	50 00
21.	Real Estate, Lien Account,	781 54
22.	Real Estate Sales,	800 00
23.	School Department,	1,011 02
24.	Sewer Assessment, Old Account,	2,385 51
25.	Sewer Assessment, New Account,	13,307 75
26.	Sewers, Construction,	1,878 74
27.	Sewers, Maintenance,	33 77
28.	Sidewalk Assessment,	6,622 36
29.	Sinking Fund, 1875, General Debt,	18,059 20
30.	Sinking Fund, 1876, Water Loan,	16 00
31.	Sinking Fund, 1877, Lynde Brook Damages,	76 00
32.	Sinking Fund, 1878, Lynde Brook Damages,	27 33
33.	Sinking Fund, 1879, Lynde Brook Damages,	4 67
34.	Sinking Fund, 1879, Island Sewer,	6 00
35.	Sinking Fund, 1879, Foster Street,	12 00
36.	Sinking Fund, 1880, Island Sewer,	1 33
37.	Sinking Fund, 1880, Foster Street,	3 33
38.	Sinking Fund, 1881, Island Sewer,	2 67
39.	Sinking Fund, 1881, City Hospital Building,	4 00
40.	Sinking Fund, 1882, Lynde Brook Damages,	2 67
41.	Sinking Fund, 1882, Jaques Forfeiture Acct.,	12 00
42.	State Aid,	10,480 80
43.	Street Betterment Assessments,	9,655 61
44.	Street Construction,	17 50
45.	Taxes, 1877,	11 12
46.	Taxes, 1878,	6 62
47.	Taxes, 1879,	16 48
48.	Taxes, 1880,	213 00
49.	Taxes, 1881,	13,099 84
50.	Taxes, 1881, Corporation,	55,151 99
51.	Taxes, 1881, National Bank, State Account,	7,330 07
52.	Taxes, 1882,	831,813 21
53.	Water Works, Construction,	24,650 66
54.	Water Works, Maintenance,	92,007 61
		<hr/>
Balance, Cash in Treasury, Dec. 1, 1881, .		\$1,756,091 12 209,706 36
		<hr/>
		\$1,965,797 48

WM. S. BARTON,
City Treasurer.

WORCESTER, MASS., January 1, 1883.

REPORT

OF THE

TREASURER OF CITY TRUST FUNDS.

OFFICE OF THE CITY TREASURER, }
WORCESTER, MASS., January 1, 1883. }

To the Honorable City Council :

The undersigned respectfully presents the following statements, covering all cash transactions on account of the several city trust funds for the financial year ending November 30, 1882.

. STATEMENT OF THE FUNDS.

NO.	TITLE OF FUND.	Amount Dec'r 1st, 1881.	Receipts during year.	TOTAL.	Payments during year.	Amount Nov. 30th, 1882.
1	A. H. Bullock, High School.....1860.	\$1,504 95	\$60 26	\$1,565 21	\$33 10	\$1,532 11
2	Hope Cemetery .....1863.	8,989 84	6,190 60	15,180 44	4,322 98	10,857 46
3	Dr. John Green, Library.....1868.	40,945 01	2,305 10	43,250 11	1,764 85	41,485 26
4	Isaac Davis, Hospital.....1873.	1,754 56	110 17	1,865 13	.....	1,865 13
5	George Jaques, Hospital.....1874.	74,929 38	50,444 00	125,373 38	5,602 72	119,770 66
6	Albert Curtis, Hospital.....1876.	1,033 87	40 66	1,074 53	60 50	1,014 03
7	J. B. Shaw, Hospital.....1877.	168 01	20 53	188 54	.....	188 54
8	J. A. Tenney, Hospital. ....1881.	5,000 00	250 00	5,250 00	250 00	5,000 00
		\$134,325 62	\$59,421 72	\$193,747 34	\$12,034 15	\$181,713 19

INVESTMENTS AND BALANCES.

No.	First Mortgages on Real Estate.	Stock in National Banks.	Bond of R. R. Co.	Deposits in Savings Banks.	Cash on Deposit.	Balances November 30, 1882.
1	.....	.....	.....	\$1,500 00	\$32 11	\$1,532 11
2	.....	.....	.....	8,850 00	2,007 46	10,857 46
3	\$27,776 30	\$7,300 00	.....	1,309 32	5,099 94	41,485 26
4	.....	.....	\$1,000 00	865 13	.....	1,865 13
5	105,900 00	1,500 00	.....	.....	12,370 66	119,770 66
6	.....	.....	.....	1,000 00	14 03	1,014 03
7	.....	.....	.....	188 54	.....	188 54
8	5,000 00	.....	.....	.....	.....	5,000 00
	\$138,676 00	\$8,800 00	\$1,000 00	\$13,712 99	\$19,524 20	\$181,713 19

The several items comprised in the foregoing aggregates appear in Sundry Accounts current, as rendered by the undersigned to the respective Boards and Commissions having charge of the management of the City Trust Funds.

Respectfully submitted.

WM. S. BARTON,

Treasurer.

REPORT OF THE AUDITOR.

CITY OF WORCESTER, }
AUDITOR'S OFFICE, January 1st, 1883. }

To the Honorable City Council :

GENTLEMEN :—In conformity with the requirements of Section 4, Chapter 2, of the Ordinances of the City, the undersigned presents herewith his Annual Report of the *Receipts* and *Expenditures* of the City of Worcester, exhibiting the same as classified in the several Department Accounts, in connection with the appropriations for the financial year ending November 30, 1882, and showing the *Balances unexpended* at that date, the *Liabilities* and *Cash Assets* then existing, and a *Schedule of the City Property*.

Respectfully submitted.

HENRY GRIFFIN,

Auditor.

Receipts.

The Receipts for the year ending November 30, 1882, are shown, in aggregates, as credited to the following accounts:—

No. of Acct.	
1.	Bills Receivable, \$7,800 00
2.	Board of Health, 9 00
3.	City Hall, 1,000 25
4.	City Hospital, 2,396 76
5.	City Hospital, Jaques Fund, 5,442 15
6.	City Hospital, Tenney Fund, 250 00
7.	Fire Department, 969 09
8.	Free Public Library, 3,071 21
9.	Highway Department, 36,952 27
10.	Incidental Expenses, 8,451 75
11.	Interest, 20,140 94
12.	Lighting Streets, 315 16
13.	Liquor Licenses, 33,350 00
14.	Loans, Funded City, 88,400 00
15.	Loans, Temporary, 435,000 00
16.	Pauper Department, City Relief, 3,380 94
17.	Pauper Department, Farm, 5,149 35
18.	Pauper Department, House Offal, 5,466 28
19.	Police Department, 8,993 57
20.	Public Grounds, 50 00
21.	Real Estate, Lien Account, 781 54
22.	Real Estate Sales, 800 00
23.	School Department, 1,011 02
24.	Sewer Assessment, Old Account, 2,385 51
25.	Sewer Assessment, New Account, 13,307 75
26.	Sewers, Construction, 1,878 74
27.	Sewers, Maintenance, 33 77
28.	Sidewalk Assessment, 6,622 36
29.	Sinking Fund, No. 1, 1875, General Debt, 18,059 20
30.	Sinking Fund, No. 2, 1876, Water, 16 00
31.	Sinking Fund, No. 3, 1877, Lynde Brook Damages, 76 00
32.	Sinking Fund, No. 4, 1878, Lynde Brook Damages, 27 33
33.	Sinking Fund, No. 5, 1879, Lynde Brook Damages, 4 67
34.	Sinking Fund, No. 6, 1879, Island Sewer, 6 00
35.	Sinking Fund, No. 7, 1879, Foster Street, 12 00
36.	Sinking Fund, No. 8, 1880, Island Sewer, 1 33
37.	Sinking Fund, No. 9, 1880, Foster Street, 3 33
38.	Sinking Fund, No. 10, 1881, Island Sewer, 2 67
39.	Sinking Fund, No. 11, 1881, City Hospital Bld'g. 4 00
40.	Sinking Fund, No. 12, 1882, Lynde Brook Damages, 2 67
41.	Sinking Fund, No. 13, 1882, Jaques Forf. Acct. 12 00
42.	State Aid, 10,480 80
43.	Street Betterment Assessment, 9,655 61
44.	Street Construction, 17 50
45.	Taxes, 1877, 11 12
46.	Taxes, 1878, 6 62
47.	Taxes, 1879, 16 48
48.	Taxes, 1880, 213 00
49.	Taxes, 1881, 13,099 84
50.	Taxes, 1881, Corporation, 55,151 99
51.	Taxes, 1881, National Bank, State Acct., 7,330 07
52.	Taxes, 1882, 881,813 21
53.	Water Works, Construction, 24,650 66
54.	Water Works, Maintenance, 92,007 61

\$1,756,091 12

Expenses.

The Claims for the year ending November 30, 1882, as approved and drawn for in the Auditor's Office, are shown, in aggregates, as charged to the following accounts:—

No. of Acct.	
1.	Abatements and Discount, \$52,174 27
2.	Board of Health, 1,498 55
3.	City Hall, 3,888 74
4.	City Hospital, 9,520 26
5.	City Hospital Building, 12,113 47
6.	City Hospital, Jaques Fund, 5,442 15
7.	City Hospital, Tenney Fund, 250 00
8.	Collector's Sales, Surplus Account, 18 50
9.	Fire Department, 52,930 34
10.	Fire Department, Fire Patrol, 1,200 00
11.	Free Public Library, 45,063 37
12.	Highway Department, 134,571 21
13.	Incidental Expenses, 14,185 74
14.	Interest, 104,394 24
15.	Interest on Sewer Loan, 15,000 00
16.	Interest on Water Loan, 21,308 00
17.	Jaques Forfeiture Account, 23,400 00
18.	Lighting Streets, 36,245 15
19.	Liquor Licenses, 8,337 50
20.	Loans, Funded City, 6,000 00
21.	Loans, Funded Water, 12,000 00
22.	Loans, Temporary, 435,000 00
23.	Lynde Brook Damages, 603 00
24.	Pauper Department, City Relief, 18,604 71
25.	Pauper Department, Farm, 16,027 08
26.	Pauper Department, House Offal, 12,867 00
27.	Pauper Department, Truant School, 2,053 21
28.	Police Department, 65,091 20
29.	Public Grounds, 6,038 67
30.	Real Estate, Lien Account, 926 44
31.	Salaries, 21,778 02
32.	School Department, 184,663 35
33.	Sewers, Construction, 66,878 74
34.	Sewers, Island Account, 8,253 75
35.	Sewers, Maintenance, 9,459 99
36.	Sinking Fund, No. 1, 1875, General Debt, 55,828 55
37.	Sinking Fund, No. 2, 1876, Water, 2,097 07
38.	Sinking Fund, No. 3, 1877, Lynde Brook Dam's, 10,499 30
39.	Sinking Fund, No. 4, 1878, Lynde Brook Dam's, 6,022 86
40.	Sinking Fund, No. 5, 1879, Lynde Brook Dam's, 3,844 18
41.	Sinking Fund, No. 6, 1879, Island Sewer, 4,457 82
42.	Sinking Fund, No. 7, 1879, Foster Street, 9,650 53
43.	Sinking Fund, No. 8, 1880, Island Sewer, 1,195 26
44.	Sinking Fund, No. 9, 1880, Foster Street, 2,671 35
45.	Sinking Fund, No. 10, 1881, Island Sewer, 2,336 21
46.	Sinking Fund, No. 11, 1881, City Hospital Bld'g, 2,971 18
47.	Sinking Fund, No. 12, 1882, Lynde Brook Dam's, 2,450 02
48.	Sinking Fund, No. 13, 1882, Jaques Forf. Acct. 1,937 70
49.	Sinking Fund, No. 14, 1882, City Hospital Bld'g, 2,855 40
50.	State Aid, 8,606 50
51.	Street Construction, 31,960 27
52.	Street Construction, Summer Street, 67,885 22
53.	Taxes, 1881, Corporation, 9 56
54.	Taxes, 1881, County, 17,285 00
55.	Taxes, 1881, National Bank, State Acct., 23,351 48
56.	Taxes, 1881, State, 42,765 00
57.	Taxes, 1882, County, 19,013 50
58.	Water Works, Construction, 82,731 94
59.	Water Works, Maintenance, 23,071 30

MAYOR'S DRAFTS

AND

TREASURER'S PAYMENTS COMPARED.

The column of Differences, Nov. 30, 1882, in the following statement, shows the amount drawn for and charged to City Accounts in the Auditor's office, but not paid by the City Treasurer at that date.

Nos.		Differences, Nov. 30, 1881.	Mayor's Drafts.	TOTAL.	Treasurer's Payments.	Differences, Nov. 30, 1882.
1	Abatements and Discount.....		\$52,174 27	\$52,174 27	\$52,174 27	
2	Board of Health.....	\$ 72 73	1,498 55	1,571 28	1,459 37	\$ 111 91
3	City Hall.....	302 93	3,888 74	4,141 67	3,453 38	688 29
4	City Hospital.....	2,290 87	9,520 26	11,811 13	8,976 00	2,835 13
5	City Hospital Building.....	8,306 84	12,113 47	20,420 31	19,767 59	652 72
6	City Hospital, Jaques Fund.....	620 18	5,442 15	6,062 33	6,062 33	
7	City Hospital, Tenney Fund.....	152 63	250 00	382 63	382 63	
8	Collector's Sales, Surplus Account...		18 50	18 50	18 50	
9	Fire Department.....	12,815 97	52,930 34	65,746 31	54,152 87	11,593 44
10	Fire Department, Fire Patrol.....	100 00	1,200 00	1,300 00	1,200 00	100 00
11	Free Public Library.....	1,650 87	15,663 37	16,714 24	13,974 13	2,740 11
12	Highway Department.....	2,656 90	134,571 21	137,228 11	128,129 93	9,098 18
13	Incidental Expenses.....	498 45	14,185 74	14,684 19	14,136 21	547 98
14	Interest.....		104,394 24	104,394 24	104,394 24	
15	Interest on Sewer Loan.....		15,000 00	15,000 00	15,000 00	
16	Interest on Water Loan.....		21,308 00	21,308 00	21,308 00	
17	Jaques Forfeiture Account.....		23,400 00	23,400 00	23,400 00	
18	Lighting Streets.....	3,184 36	36,245 15	39,429 51	36,342 30	3,087 21
19	Liquor Licenses.....		8,337 50	8,337 50	8,337 50	
20	Loans, Funded City.....		6,000 00	6,000 00	6,000 00	
21	Loans, Funded Water.....		12,000 00	12,000 00	12,000 00	
22	Loans, Temporary.....		435,000 00	435,000 00	435,000 00	
23	Lynde Brook Damages.....		603 00	603 00	603 00	
24	Pauper Department, City Relief.....	840 11	18,604 71	19,444 82	18,753 63	691 19
25	Pauper Department, Farm.....	5,503 25	16,027 08	21,530 33	19,644 65	1,885 68
26	Pauper Department, House Offal.....	2,245 48	12,867 00	15,112 48	14,100 79	1,011 69
27	Pauper Department, Truant School.....	36 70	2,053 21	2,089 91	2,055 66	34 25
28	Police Department.....	5,116 94	65,091 20	70,208 14	64,897 54	5,310 60
29	Public Grounds.....	837 46	6,038 67	6,876 13	6,307 19	568 94
30	Real Estate, Lien Account.....		926 44	926 44	926 44	
31	Salaries.....	1,583 50	21,778 02	23,361 52	21,682 44	1,679 08
32	School Department.....	14,568 48	184,663 35	199,231 83	180,378 13	18,853 70
33	School-Houses.....	592 85		592 85	592 85	
34	Sewers, Construction.....	1,570 52	66,878 74	68,449 26	62,097 34	6,351 92
35	Sewers, Island Account.....		8,253 75	8,253 75	8,253 75	
36	Sewers, Maintenance.....	82 50	9,459 99	9,542 49	8,740 74	801 75
37	Sinking Fund, No. 1, 1875, General Debt.....		55,828 55	55,828 55	55,828 55	
38	Sinking Funds, Nos. 2 to 14, 1876 to 1882, Special Loans.....		52,988 88	52,988 88	52,988 88	
39	State Aid.....		8,606 50	8,606 50	8,606 50	
40	Street Construction.....	62 75	31,960 27	32,023 02	31,853 71	169 31
41	Street Construction, Summer Street.....		67,885 22	67,885 22	67,886 57	498 65
42	Taxes, 1881, Corporation.....		9 56	9 56	9 56	
43	Taxes, 1881, County.....		17,285 00	17,285 00	17,285 00	
44	Taxes, 1881, National Bank, State Account.....		23,351 48	23,351 48	23,351 48	
45	Taxes, 1881, State.....		42,765 00	42,765 00	42,765 00	
46	Taxes, 1882, County.....		19,013 50	19,013 50	19,013 50	
47	Water Works, Construction.....	5,693 45	82,731 94	88,425 39	82,768 31	5,657 08
48	Water Works, Maintenance.....	1,890 68	23,071 30	24,961 98	23,805 85	1,156 13
		\$ 73,257 40	\$ 1,803,233 85	\$ 1,876,491 25	\$ 1,800,366 31	\$ 76,124 94

AUDITOR'S REPORT.

SHOWING the Appropriation for each City Account; the Receipts and Expenses for the year ending November 30, 1882; and the balances unexpended at that date.

Abatements and Discount.

Appropriation,	\$51,000 00
Amount transferred from Liquor Licenses,	2,000 00
	<hr/> \$53,000 00

EXPENDED.

For Abatements allowed by Assessors,	\$2,813 84
Discount allowed for prompt payment,	49,360 43
	<hr/>
Total, as per item No. 1 of Expenses,	\$52,174 27
	<hr/>
Balance unexpended, transferred to Sink- ing Fund,	\$825 73.

Bills Receivable.

RECEIVED.

From Albert Curtis, proceeds of Sundry Notes secured by Mortgage, assigned as per order of City Council.	
Total, as per item No. 1 of Re- ceipts, and transferred to Sink- ing Fund in April, 1882,	\$7,800 00

Board of Health.

Appropriation,	\$1,500 00	
	<hr/>	\$1,500 00

RECEIVED.

From sundry persons for Licenses.		
Total, as per item No. 2 of Receipts,		\$9 00
		<hr/>
		\$1,509 00

EXPENDED.

For Salary of A. A. Lovell, Inspector,	\$700 00	
" " Henry Griffin, Clerk,	150 00	
Extra Services of Inspectors,	382 85	
Engineering, &c.,	5 16	
Hack and horse hire,	14 80	
Stationery and stamps,	21 53	
Advertising,	157 45	
Printing,	41 61	
Maps and Sign boards,	6 50	
Posting notices,	2 00	
Traveling expenses of Board,	16 65	
	<hr/>	
Total, as per item No. 2 of Expenses,		\$1,498 55
		<hr/>
Balance unexpended, transferred to Sinking Fund,		\$10 45

City Hall.

Appropriation,	\$4,300 00	
	<hr/>	\$4,300 00

RECEIVED.

For Rent of Court Room,	\$1,000 00	
Material sold,	25	
	<hr/>	
Total, as per item No. 3 of Receipts,		\$1,000 25
		<hr/>
		\$5,300 25

EXPENDED.

For Gas,	\$1,134 54	
Fuel,	520 39	
Janitor's assistant,	600 00	
Furniture, fixtures and repairs of same,	385 02	
Repairs on building,	897 15	
Brooms, brushes, matches, &c.,	61 01	
Carting ashes and trucking,	33 70	
Ice,	42 83	
Clocks and repairs of same,	25 35	
Rent of telephones,	55 50	
Awnings and repairs of same,	76 75	
Rubber Hose,	6 50	
	<hr/>	
Total, as per item No. 3 of Expenses,		\$3,838 74
		<hr/>
Balance unexpended, transferred to Sinking Fund,		\$1,461 51

City Hospital.

Appropriation,	\$10,000 00	
Less amount transferred to City Hospital Building,	238 17	
	<hr/>	\$9,761 83

RECEIVED.

For old buildings, &c., sold,	\$509 27	
Materials sold,	171 78	
Aid to State Paupers, from Com- monwealth,	626 72	
Board of patients,	1,088 99	
	<hr/>	
Total, as per item No. 4 of Receipts,		\$2,396 76
		<hr/>
		\$12,158 59

EXPENDED.

For Salary of Dr. C. A. Peabody (in part)	\$700 00
“ “ Matron “ “	175 00
Services of nurses and domestics,	1,963 02

For Groceries and provisions,	1,869 97	
Crockery, tin ware, &c.,	47 91	
Furniture, fixtures and repairs of same,	695 09	
Repairs on building,	975 72	
Surgical instruments and repairs of same,	116 93	
Medicines,	419 23	
Druggists' glass ware,	8 72	
Fuel,	1,128 54	
Gas,	236 71	
Printing,	75 17	
Stationery,	31 44	
Blacksmithing,	39 71	
Ice,	154 10	
Labor,	32 02	
Hay and grain,	134 20	
Hack hire,	14 50	
Rubber goods,	55 00	
Repairs of Harness,	8 85	
Postage, telegrams, express, &c.,	26 13	
Rent of telephone,	15 00	
Water rates,	37 31	
Dry goods, bedding, &c.,	244 03	
Extinguisher,	45 00	
Concrete walk,	110 95	
Auctioneers' fees,	8 50	
Clocks and repairs of same,	14 00	
Hardware and tools,	52 65	
Removing ashes,	17 58	
Board of horse,	24 20	
Wagon,	33 00	
Trucking,	10 08	
		<hr/>
Total, as per item No. 4 of Expenses,		\$9,520 26
		<hr/>
Balance unexpended, transferred to		
Sinking Fund,		\$2,638,33

City Hospital Building.

Balance, Nov. 30, 1881, brought forward,	\$1,875 30
Appropriation,	10,000 00
Amount transferred from City Hospital,	238 17

\$12,113 47

EXPENDED

For Contract, balance paid Palmer & Vaughan,	\$6,568 65	
Extra work,	2,063 96	
Care of heating apparatus,	52 00	
Engineering,	4 13	
Grading and seed,	73 71	
Advertising,	23 52	
Printing,	1 50	
Red lanterns,	36 00	
Furniture,	33 00	
Memorial Tablet,	209 00	
Sewer pipe, labor, &c.,	169 21	
Wire Cloth,	70 77	
Gas pipe and fittings,	723 76	
Traveling expenses and telegrams,	3 00	
Heating apparatus,	315 35	
Slating,	2 87	
Building shed,	350 00	
Plumbing,	538 04	
Painting,	103 94	
Weather vane,	53 25	
Electric gas lighting apparatus,	279 55	
Mason work,	82 97	
Water pipe and labor,	35 44	
Ventilator,	22 32	
Cleaning cesspool, &c.,	13 40	
Total, as per item No. 5 of Expenses,		\$12,113 47

City Hospital : Jaques Fund.

RECEIVED.

For net income, from Commissioners of Jaques Hospital Fund,	\$5,442 15	
Total, as per item No. 5 of Receipts,		\$5,442 15

EXPENDED.

For Salary of Dr. C. A. Peabody, in part,	\$300 00
“ “ Matron, “ “	75 00
Services of nurses and domestics,	1,263 33

For Groceries and provisions,	1,476	30
Crockery and tin ware,	86	20
Furniture, fixtures and repairs of same,	261	28
Repairs on building,	117	94
Surgical instruments, and repairs of same,	30	55
Medicines,	233	40
Druggists' glass ware,	82	16
Fuel,	40	50
Gas,	134	11
Printing,	9	75
Stationery,	14	50
Blacksmithing,	9	62
Traveling expenses of Superintendent,	34	50
Hay and grain,	44	55
Hack hire,	6	88
Harnesses, and repairs of same,	51	30
Postage, express, telegrams, &c.,	18	42
Rent of telephone, and messages,	31	55
Water rates,	36	15
Dry goods, bedding, &c.,	132	64
Soapstone sink,	25	08
Tools, and repairs of same,	12	34
Carriage,	175	00
Rent, to Commissioners of Jaques Hos- pital Fund,	250	00
Repairing Clock,	2	65
Gas fixtures,	261	45
Horse,	225	00
<hr/>		
Total, as per item No. 6 of Expenses,	\$5,442	15

City Hospital: Tenney Fund.

RECEIVED.

From Commissioners, for net income,	\$250	00
<hr/>		
Total, as per item No. 6 of Receipts,	\$250	00

EXPENDED.

For Salary of Dr. C. A. Peabody, in part,	\$200	00
“ “ Matron, “ “	50	00
<hr/>		
Total, as per item No. 7 of Expenses,	\$250	00

Collector's Sales : Surplus Account.

Balance brought forward,	\$45 44
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EXPENDED.

Amount, in excess of taxes and costs, repaid, as per item No. 8 of Expenses,	\$18 50
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Balance, Nov. 30, 1882,	\$26 94
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Fire Department.

Balance brought forward,	\$ 2,109 15
Appropriation,	50,000 00

\$52,109 15

RECEIVED.

For Labor of men and teams,	\$263 50
Feed racks and boxes,	11 00
Manure,	151 07
Material sold,	406 52
Horse sold,	125 00
Use of roof of engine house,	12 00

Total, as per item No. 7 of Receipts,	969 09
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\$53,078 24

EXPENDED.

For Salary of S. E. Combs, Chief Engineer,	\$ 1,200 00
Salary of Wm. Brophy, Asst. Engineer and Electrician,	1,000 00
Salary of Samuel H. Day, Asst. Engineer (balance),	29 16
Salary of E. L. Vaughan, Asst. Engineer,	229 17

For Salary of G. N. Rawson, Asst.	
Engineer (balance),	187 47
Salary of C. H. Mills, Asst.	
Engineer,	41 66
Salary of Geo. S. Coleman, Asst.	
Engineer,	229 17
Salary of Jer'h Hennessy, Asst.	
Engineer (balance),	20 83
Salary of Wm. Brophy, Clerk,	137 50
Pay roll of men, stewards and drivers,	10,073 58
“ “ Steamer No. 1,	1,719 42
“ “ “ “ 2,	1,720 74
“ “ “ “ 3,	1,739 89
“ “ “ “ 4,	1,247 67
“ “ Hose Co. No. 1,	1,265 00
“ “ “ “ 2,	1,236 00
“ “ “ “ 3,	16 00
“ “ “ “ 4,	1,280 00
“ “ “ “ 5,	1,283 33
“ “ “ “ 6,	1,207 12
“ “ “ “ 7,	1,211 38
“ “ Hook and Ladder Co.	
No. 1,	2,557 00
Pay roll of men, Hook and Ladder Co.	
No. 2,	1,772 00
Pay roll of men, Babcock Extinguisher,	448 00
For Horses,	1,795 00
New apparatus,	295 25
Repairs of apparatus,	498 38
Repairs of houses,	1,061 32
Alarms for fire,	91 00
Horses for drawing apparatus,	492 50
Materials for and repair of tele-	
graph,	362 89
Hose, and repairs of same,	1,809 05
Harnesses, blankets, and repairs of	
same,	669 82
Wagons and carts,	398 25
Hay, grain and straw,	2,911 20
Medicine and attendance for	
horses,	95 90
Oil, soap, brushes, &c.,	221 78
Fuel,	882 26
Gas,	469 60

For Protective covers,	432 00
Printing,	101 20
Blacksmithing,	507 59
Freight, trucking and express,	42 96
Furniture, bedding, fixtures, and repairs of same,	635 13
Stationery, stamps, &c.,	55 41
Hardware and tools,	232 14
Paints and oil,	29 16
Hack hire,	50 00
Rent of telephones,	125 83
Washing bedding, &c.,	271 07
Ice,	7 30
Vitriol and zinc,	525 27
Car fares,	55
Clipping horses and filing teeth,	10 00
Rent for power,	56 50
Traveling expenses of Engineers,	79 40
Copying report,	15 00
Iron and Steel,	15 73
Telegraph poles,	225 87
Telegraph wire,	85 10
Fire alarm indicator,	250 00
Alarm bell and striker,	791 03
Fire Extinguisher,	40 75
Measuring manure,	1 45
Buttons and badges,	60 75
	<hr/>
	\$48,553 48

FOR PRESCOTT STREET ENGINE HOUSE :

Insurance,	\$ 10 00
Curb stone, and setting same,	146 06
Grading,	86 74
Sewer pipe, labor, &c.,	92 31
Pipe and fittings,	21 83
Extra work,	441 05
Contract, balance paid J. Murphy,	2,046 15
Heating apparatus,	1,127 81
Painting,	63 00
Mason work, extra,	36 24
Plumbing,	85 74

Stove pipe and labor,	18 35	
Mantlepiece and hearth,	30 00	
Concrete walk,	156 17	
	<hr/>	\$4,361 45

FOR LAMARTINE STREET HOUSE :

Engineering,	\$11 91	
Advertising,	3 50	
	<hr/>	\$15 41
		<hr/>
		\$4,376 86
Total, as per item No. 9 of Expenses,		<hr/>
		\$52,930 34
Balance unexpended, transferred to Sinking Fund,		\$147 90

Fire Patrol.

Appropriation,	\$1,200 00
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EXPENDED.

Paid Worcester Protective Department, as per item No. 10 of Expenses,	\$1,200 00
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Free Public Library.

Appropriation,	\$12,000 00
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RECEIVED.

For Dog Fund, from County, Fines and Catalogues,	\$2,676 37 394 84	
	<hr/>	
Total, as per item No. 8 of Re- ceipts,		\$3,071 21
		<hr/>
		\$15,071 21

EXPENDED.

For Salary of S. S. Green, Librarian,	\$2,500 00
" " Assistants,	4,088 86
" " Janitor,	493 06
Books and stationery,	3,703 89
Binding books,	465 65
Fuel,	299 05
Gas,	892 84
Brooms, dusters, matches, &c.,	18 10
Printing,	88 37
Stamps, Express, &c.,	242 93
Postal cards for printing,	60 00
Cleaning building and removing ashes,	40 25
Insurance,	302 50
Water rates,	79 08
Repairs of building,	244 92
Furniture and repairs of same,	20 27
Paper for catalogues,	1,223 60
<hr/>	
Total, as per item No. 11 of Expenses,	\$15,063 37
<hr/>	
Balance unexpended, transferred to Sinking Fund,	\$7 84

Highway Department.

Appropriation (Highways, Sidewalks and Paving),	\$94,000 00
Less amount transferred to Street Construction,	2,400 00
<hr/>	
	\$91,600 00

RECEIVED.

For amount transferred from Sidewalk Assessment,	\$6,622 36
Labor, material, &c., as per item No. 9 of Receipts,	36,952 27
<hr/>	
	\$43,574 63
<hr/>	
	\$135,174 63

EXPENDED.

For Salary of Joseph S. Perry, Com- missioner,	\$ 1,691 66
Labor of men, as per pay rolls,	52,639 35
Extra labor of men and teams,	19,057 00
Field stone,	10,984 19
Paving blocks,	10,138 09
Curb stone,	6,121 46
Cobble stone,	1,121 81
Flag stone,	1,564 67
Paving,	6,569 35
Brick,	4,496 90
Hay, grain and straw,	4,831 16
Trucking, freight and express,	2,829 24
Horses,	1,325 00
Blacksmithing,	1,494 14
Carts, wagons and repairs of same,	652 21
Harnesses, blankets and repairs of same,	415 13
Hardware, tools and repairs of same,	674 88
Engineering,	529 65
Clerical labor,	291 66
Medicine and medical attendance for horses,	45 25
Gravel,	493 24
Oil, lanterns, brooms, &c.,	325 62
Fuel,	576 37
Cement, sand, pipe, &c.,	12 03
Stone monuments,	2 00
Advertising,	58 70
Printing,	20 98
Blank books, stationery, stamps, &c.,	24 32
Gas,	38 50
Water rates,	95 00
Horse and hack hire,	6 00
Supplying watering troughs, and care of same,	58 85
Lumber and carpenter work,	1,259 54
Legal expenses,	50 00
Building fence,	35 00
Insurance on stable,	40 00
Breaking roads,	170 08

For Repairs of engine, crusher and boiler,	697 47
Sweeping machine and broom,	310 00
Roller, and repairs of same,	417 03
Repairs at stable,	28 54
Building bridges,	49 40
Cinders,	30 00
Traveling expenses of Committee,	13 96
Building wall, at Cherry Valley,	424 05
Watering macadamized streets,	237 00
Swine,	41 00
Use of derrick,	39 10
Castings,	14 45
Clock,	4 00
Boiler,	650 00
Plumbing,	6 76
Stakes,	15 00
Changing water pipe,	16 25
Powder and fuse,	14 75
Damages,	7 25
Error in Sidewalk assessment,	6 17
Personal injury, paid Jas. Reynolds,	60 00
" " " Johanna Powers,	100 00
Personal injury, paid David Sibley,	150 00
" " " John Dyer,	200 00
" " " Joseph O'Sul-	
livan,	300 00
<hr/>	
Total, as per item No. 12 of Expenses,	\$134,571 21
<hr/>	
Balance unexpended, transferred to Sinking Fund,	\$603 42

Incidental Expenses.

Appropriation,	\$8,000 00
Less amount transferred to Lighting Streets,	\$429 99
Less amount transferred to School Department,	139 83
Less amount transferred to Pauper Department, Truant School,	600 00
<hr/>	
	\$1,169 82
<hr/>	
	\$6,330 18

RECEIVED.

From City Clerk, for office fees,	\$2,020 10	
“ “ “ Licenses,	1,165 50	
“ “ “ Dog licenses,	1,429 00	
“ “ “ Ordinances sold,	2 00	
For Peddlers' licenses,	150 00	
One-half fees, weighing on City Scales,	596 79	
Rent of armories, from Commonwealth,	1,400 00	
Stationery and stamps,	162 54	
Postal cards,	60 00	
Milk licenses, from R. R. Shepard,	128 00	
Amount allowed for relief of indigent soldiers and sailors, from Commonwealth, account of 1880,	351 00	
Engineering and plans, various streets,	58 50	
Engineering on drains,	237 80	
Costs on Street Betterments,	9 00	
“ “ Sewer Assessment, new account,	21 20	
Costs on Lien account,	5 50	
“ on Taxes, 1880,	6 80	
“ “ 1881,	161 17	
“ “ 1882,	109 85	
Engineers' services, from State Board of Health,	377 00	
<hr/>		
Total, as per item No. 10 of Receipts,		\$8,451 75
		<hr/>
		\$15,281 93

EXPENDED.

For Coal for Armory,	\$ 65 66
Gas for Armory,	185 46
Janitor for Armory,	52 08
Furniture for Armory,	21 60
Fixtures and repairs of same, for Armory,	68 09
Plumbing for Armory,	12 32

For Trucking for Armory,	6 50
Water for Armory,	25 00
Services of Inspector and Ward Clerks,	222 50
Rent, furniture, care and heating Ward Rooms,	120 39
Services of Engineers on plans, &c.,	932 63
Engineers' instruments and mate- rials for Engineers,	243 12
Advertising,	1,036 40
Printing,	734 70
Postal cards for printing,	520 00
Stamps,	327 20
Express and telegrams,	9 05
Blank books and stationery,	660 32
Return of deaths by Undertakers,	301 75
Collecting births,	181 68
Clerical labor for City Clerk,	1,146 13
Page to Common Council,	46 00
Care of church clocks,	100 00
Central District Court, legal costs,	279 24
Witness' fees and legal costs,	68 64
Examining records and recording deeds,	48 80
Serving tax summonses,	284 75
Memorial Day expenses,	446 91
Fourth of July expenses,	534 00
Band concerts, and gas for band stand,	301 35
Directories,	126 00
Publishing ordinances in Direc- tory,	90 00
Use of land for Battery,	10 00
Coal for City Scales,	8 80
Indigent soldiers and seamen,	811 00
Use of Horticultural Hall,	15 00
Hack and horse hire,	45 50
E. H. Towne, services as registrar,	125 00
Richard Mathews, " "	100 00
J. P. Houghton, " "	75 00
Removing bodies from Mechanic street Burying-ground,	5 50
Printing memorial exercises, Pres- ident Garfield,	100 00

For Amount refunded on taxes paid	
under defective titles,	1,062 00
Early records of Worcester,	200 00
Printing eulogy, and other expenses on account of Garfield memorial exercises,	247 49
Expense of committee on account of Bullock obsequies,	85 00
Engineering on drains,	29 50
Perambulating town bounds,	119 72
Law books,	29 30
Boston Directory,	5 00
Canvassing for street signs,	301 10
Signs for street lanterns,	274 40
Hay scales, and repairs of same,	252 11
Repairs of band stand,	42 39
Repairs of flag staff,	9 03
Expense of recovering body at Lake Quinsigamond,	104 39
Analysis of milk,	20 00
Grading at Hope Cemetery,	500 00
Costs and interest on taxes refunded,	93 24
Watering around public buildings and squares,	300 00
Ballot boxes,	4 00
Posting tax notices,	13 00
<hr/>	
Total, as per item No. 13 of Expenses,	\$14,185 74
<hr/>	
Balance unexpended, transferred to Sinking Fund,	\$1,096 19

Interest.

Appropriation,	\$105,000 00
Less amount transferred to School Department,	6,000 00
	<hr/>
	\$99,000 00
Amount of Interest transferred,	227 20
	<hr/>
	\$99,227 20

RECEIVED.

For Interest on deposits,	\$1,564 04
" allowed on City Note, prepaid,	5 56
Interest on Sidewalk assessments,	39 02
" " Street betterment as- sessments,	926 95
Interest on Sewer assessments, new account,	586 34
Interest on notes held by the city,	195 00
" " Lien account,	96
" " Taxes, 1877,	3 34
" " " 1878,	1 53
" " " 1879,	3 05
" " " 1880,	17 28
" " " 1881,	502 87
" " " 1882,	11 99
" accrued on Certificates of Indebtedness,	227 20
Interest on Sewer assessment, old account,	1,693 51
Interest from Commissioners of Sinking Funds, on investments,	14,362 30
<hr/>	
Total, as per item No. 11 of Receipts,	\$20,140 94
<hr/>	
	\$119,368 14

EXPENDED.

For amount of interest, transferred,	\$14,362 30
Interest on Funded City Loans,	\$97,398 00
Interest on Tempo- rary Loans,	6,769 04
Interest on Certifi- cates of Indebt- edness, trans- ferred,	227 20
<hr/>	
Total, as per item No. 14 of Expenses,	\$104,394 24
<hr/>	
	\$118,756 54
<hr/>	
Balance unexpended, transferred to Sinking Fund,	\$611 60

Interest on Sewer Loan.

Appropriation,	\$15,000 00
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EXPENDED.

For Interest on Funded Water Loan, as per item No. 15 of Expenses,	\$15,000 00
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Interest on Water Loan.

Receipts for water rates, transferred from Water Works, Maintenance account,	\$21,308 00
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EXPENDED.

For Interest on Funded Water Loan, as per item No. 16 of Expenses,	\$21,308 00
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Jaques Forfeiture Account.

Appropriation,	\$23,400 00
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EXPENDED.

Allowance by City on account of for- feiture under provisions of Jaques Deed of gift, as per item No. 17 of Expenses,	23,400 00
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Lighting Streets.

Appropriation,	\$35,500 00
Amount transferred from Incidental Expenses,	429 99
	<hr style="width: 100px; margin-left: auto; margin-right: 0;"/> \$35,929 99

RECEIVED.

For lanterns, globes, posts, &c.,	\$64 41	
Resetting lamp posts, &c., Summer street,	250 75	
		<hr/>
Total, as per item No. 12 of Receipts,		\$315 16
		<hr/>
		\$36,245 15

EXPENDED.

For Gas, Worcester Gas Light Co.,	\$12,560 43	
Gasoline Lights, United States Street Lighting Co.,	14,993 04	
Lighting and care of lamps,	4,905 14	
Lamp posts, frames and castings,	1,192 82	
Lanterns, globes and cocks,	1,272 60	
Torch handles,	2 50	
Resetting and repair of lamps and lanterns,	752 98	
Ladders and repairs of same,	18 50	
Matches,	47 00	
Alcohol,	148 96	
Paints, oil and glass,	289 18	
Waste and sponges,	9 42	
Wrench,	2 50	
Engineering,	3 13	
Hack hire,	11 00	
Lettering lanterns,	29 45	
Printing,	6 50	
		<hr/>
Total, as per item No. 18 of Expenses,		\$36,245 15

Liquor Licenses.

RECEIVED.

For Licenses for sale of liquor, as per item No. 13 of Receipts,	\$33,350 00
Less amount transferred to Water Works, construction,	\$11,500 00
Less amount transferred to Pauper Department, House Offal,	3,300 00

Less amount transferred to Pauper Department, City Relief,	1,700 00	
Less amount transferred to Street Construction,	5,000 00	
Less amount transferred to Abate- ments and Discount,	2,000 00	
Less amount transferred to School Department,	1,512 50	
	<hr/>	\$25,012 50
		<hr/>
		\$8,337 50

EXPENDED.

Paid Commonwealth of Massachusetts, one-fourth of fees for Liquor Licenses, as per item No. 19 of Expenses,	\$8,337 50
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Loans, Funded City.

Amount, November 30, 1881,	\$1,886,000 00
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RECEIVED.

For Certificates of Indebtedness, viz.:	
Account Lynde Brook damages, due January 1, 1892,	\$30,000 00
Account Jaques Forfeiture, due January 1, 1892,	23,400 00
Account City Hospital Building, due April 1, 1892,	35,000 00
	<hr/>
Total, as per item No. 14 of Receipts,	\$88,400 00
	<hr/>
	\$1,974,400 00

EXPENDED.

For City Bonds, and Certificates of Indebtedness, payable in 1882, cancelled, as per item No. 20 of Expenses,	\$6,000 00
	<hr/>
Balance, November 30, 1882,	\$1,968,400 00

Loans, Funded Water.

Amount, November 30, 1881,	\$371,300 00
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EXPENDED.

For Certificates of Indebtedness, payable in 1882, as per item No. 21 of Expenses,	12,000 00
	<hr/>
Balance, November 30, 1882,	\$359,300 00

Loans, Temporary.

RECEIVED.

For Loans authorized by City Council, as per item No. 15 of Receipts,	\$435,000 00
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EXPENDED.

For City notes, cancelled, as per item No. 22 of Expenses,	\$435,000 00
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Lynde Brook Damages.

Balance, November 30, 1881,	\$3,351 10
Less amount transferred to Sewers, Island account,	2,000 00
	<hr/>
	\$1,351 10

EXPENDED.

For Witness' fees,	\$ 3 00
Damages, paid Albert Curtis,	500 00
" " L. B. Stone,	100 00
	<hr/>
Total, as per item No. 23 of Expenses,	\$603 00
	<hr/>
Balance unexpended, transferred to Sinking Fund,	\$748 10

Pauper Department : City Relief.

Appropriation,	\$14,000 00
Amount transferred from Liquor	
Licenses,	1,700 00
	<hr/>
	\$15,700 00

RECEIVED.

From Commonwealth, for support of State Paupers,	\$ 368 60
From Commonwealth, for burials of State Paupers,	210 00
From County, Cities, Towns, and indi- viduals, for aid to their poor,	2,802 34
	<hr/>
Total, as per item No. 16 of Receipts,	3,380 94
	<hr/>
	\$19,080 94

EXPENDED.

For Salary of George W. Gale, Clerk,	\$1,200 00
“ “ Dr. Rufus Woodward,	
City Physician,	1,091 67
Transportation,	340 92
Cash allowances,	193 45
Clerical labor,	342 49
Fuel,	1,311 30
Groceries and provisions,	2,635 42
Medicine	289 80
Burials,	825 00
Boots, sh id clothing,	85 25
Printing,	69 73
Stationery, postage, &c.,	102 33
Vaccine Virus,	5 00
Hack hire,	8 00
Removing small-pox patient, and taking care of same,	101 00
Watchman at Pest-house,	7 50
Board of girls at State Industrial School,	67 14
Board of boys at State Reform School,	341 43

For Care of Insane, by Commonwealth,	90 07	
Care of Insane, Worcester Lunatic Hospital,	7,095 48	
Care of Insane, Asylum for Chronic Insane,	171 26	
Care of Insane, Taunton Lunatic Hospital,	200 40	
Care of Insane, Northampton Lunatic Hospital,	163 96	
Care of Insane, Danvers Lunatic Hospital,	63 15	
Care of Paupers, by Commonwealth of Massachusetts,	332 30	
Aid to aged sick and poor,	186 25	
Towns, cities and individuals, aid to paupers,	1,284 41	
		<hr/>
Total, as per item No. 24 of Expenses,		\$18,604 71
		<hr/>
Balance unexpended, transferred to Sinking Fund,		\$476 23

Pauper Department : Farm.

Appropriation, \$12,600 00

RECEIVED.

For Board of men and horses, Scavenger Department,	\$2,967 51	
Board of teacher and scholars, Truant School,	1,562 43	
Pasturing stock,	00	
Produce, &c., sold,	107 33	
Cow hides, calf skins, &c.,	239 44	
Labor,	3 00	
Calves,	39 04	
Premium at New England Fair,	15 00	
Iron pipe and old junk,	134 70	
Making clothes for Truant School,	7 20	
		<hr/>
Total, as per item No. 17 of Receipts,		\$5,149 35
		<hr/>
		\$17,749 35

EXPENDED.

For Salary of B. F. Parkhurst, Sup't,	\$ 900 00
Salary of Mrs. Parkhurst, Matron,	300 00
Extra labor,	2,519 23
Groceries and provisions,	4,640 59
Fuel,	997 15
Grain and straw,	1,361 22
Boots, shoes and clothing,	314 92
Crockery, tin ware, &c.,	152 86
Dry goods, bedding, &c.,	351 97
Hardware, tools, and repairs of same,	182 38
Medicines,	98 65
Repairs of buildings,	1,040 00
Furniture, fixtures, and repairs of same,	464 06
Chaplain,	100 00
Cash allowances to inmates,	35 40
Postage, express, &c.,	4 68
Live stock,	100 00
Blacksmithing,	145 27
Wagons, and repairs of same,	152 38
Harnesses, blankets, and repairs of same,	70 10
Manure,	480 00
Medicine and medical attendance on horses,	37 50
Spy and other papers,	23 85
Seeds,	75 15
Ice,	5 00
Disinfectant powder,	49 30
Stationery,	14 72
Transportation of paupers,	13 40
Heating apparatus,	364 74
Cooking apparatus, and putting up same,	609 85
Fire escape,	66 80
Boiler,	175 00
Fence wire,	68 87
Traveling expenses of Superintendent,	9 70
Trimming trees,	3 50
Castings, brick and labor,	50 50
Use of buggy,	6 00
Sawdust,	14 81

For Entering horse, N. E. Fair,	2 81	
Horse hire,	5 50	
Boarding cow and heifer,	19 22	
		<hr/>
Total, as per item No. 25 of Expenses,		\$16,027 08
		<hr/>
Balance unexpended, transferred to Sinking Fund,		\$1,722 27

Pauper Department: House Offal.

Amount brought forward,	\$1,393 50	
Appropriation,	3,000 00	
Amount transferred from Liquor Licenses,	3,300 00	
		<hr/>
		\$7,693 50

RECEIVED.

For Manure,	\$480 00	
Shoats,	137 50	
Swill,	185 38	
Soap grease and bones,	52 45	
Pork,	4,610 95	
		<hr/>
Total, as per item No. 18 of Receipts,		\$5,466 28
		<hr/>
		\$13,159 78

EXPENDED.

For Collecting house offal,	\$1,862 31	
Grading for piggery,	72 00	
Board of men and horses,	2,967 51	
Fuel,	104 65	
Wagons, and repairs of same,	258 02	
Harnesses, blankets, and repairs of same,	114 15	
Blacksmithing,	137 96	
Hardware and tools,	53 52	
Carpenter work and lumber,	84 45	
Horses,	250 00	

For Swine,	20 00	
Medical attendance on horses,	25 00	
Paints and oil,	17 18	
Straw,	372 88	
Boiler,	150 00	
Carpenter work, paid George S. Clough,	3,618 75	
Extra work,	1,331 96	
Concrete paving,	296 32	
Hack hire for committee,	4 00	
Engineering,	7 45	
Cement and lime,	28 20	
Mason work,	41 50	
Rubber hose,	20 80	
Water pipe, labor, &c.,	191 57	
Stationery,	96	
Labor of men and teams,	45 25	
Moving piggery, carpenter work, &c.,	721 33	
Painting,	65 43	
Printing,	3 85	
<hr/>		
Total, as per item No. 26 of Expenses,		\$12,867 00
<hr/>		
Balance unexpended, transferred to Sinking Fund,		\$292 78

Pauper Department: Truant School.

Appropriation,	\$1,500 00	
Amount transferred from Incidental Expenses,	600 00	
<hr/>		
		\$2,100 00

EXPENDED.

For Salary of teacher,	\$ 304 15
Board of teacher and boys,	1,562 43
Boots and shoes,	22 95
Clothing,	124 48
Horse hire,	10 00
School books,	24 45

For Traveling expenses,	3 00	
Youth's Companion,	1 75	
	<hr/>	
Total, as per item No. 27 of Expenses,		\$2,053 21
		<hr/>
Balance unexpended, transferred to Sinking Fund,		\$46 79

Police Department.

Appropriation,	\$59,000 00
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RECEIVED.

For Officer's fees, from clerk of Central District Court,	\$7,912 20	
Cloth,	653 62	
Extra services of officers,	226 75	
Use of team,	201 00	
	<hr/>	
Total, as per item No. 19 of Receipts,		\$8,993 57
		<hr/>
		\$67,993 57

EXPENDED.

For Salary of James M. Dreñnan, City Marshal,	\$1,800 00
Salary of F. C. Thayer, 1st Asst. Marshal,	1,300 00
Salary of J. K. Churchill, 2d Asst. Marshal,	1,300 00
Salary of Amos Atkinson, Captain of Police (part),	800 00
Pay rolls of patrolmen,	56,420 50
Pay rolls of officers, extra services 4th of July,	105 00
Pay rolls of officers on account of New England Fair,	110 00
Expense of detectives and horse hire on account of New England Fair,	181 79

For Cloth, buttons, badges and hats,	950 47
Advertising,	14 75
Printing,	19 79
Telegrams, express, &c.,	16 01
Brooms, lamps, matches, &c.,	53 37
Washing,	18 30
Blank books, stationery and stamps,	139 10
Hack and horse hire,	50 75
Board of horses,	480 00
Harnesses, blankets, and repairs of same,	52 20
Traveling expenses of officers,	26 85
Blacksmithing,	29 64
Furniture, and repairs of same,	59 22
Rent of telephone and messages,	32 80
Disinfectant powder,	9 00
Crackers, &c., for lodgers,	159 25
Ice,	13 68
Clerical work,	5 00
Insurance,	18 00
Burying animals,	2 50
Repairs of Ambulance,	3 00
Photographs of prisoners,	59 30
Varnishing wagon, and repairs of same,	72 90
Rent of hall for police drill,	18 00
Materials for recovering body at Lake Quinsigamond,	9 83
Medical attendance on sick horse,	19 00
• Meals for lodgers,	3 85
Use of wagon,	13 50
Professional services of physicians,	8 00

POLICE STATION ON LAMARTINE STREET :

Labor,	\$468 35
Plans,	247 50

 715 85

Total, as per item No. 28 of Expenses,	\$65,091 20
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Balance unexpended, transferred to Sinking Fund,	\$2,902 37
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Public Grounds.

Appropriation,	\$6,000 00
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RECEIVED.

For Grass, as per item No. 20 of Receipts,	\$50 00	
	<hr/>	\$6,050 00

EXPENDED.

For Grading and other labor,	\$2,254 70	
Labor of men and teams,	236 00	
Plants, trees and planting same,	1,237 58	
Loam and manure,	479 75	
Seeds,	36 00	
Printing,	49 81	
Freight, trucking and express,	11 12	
Stationery and stamps,	17 88	
Engineering,	30 55	
Lumber and carpenter work,	22 05	
Hardware, tools and repairs of same,	116 51	
Stone,	202 69	
Blacksmithing,	7 35	
Shrubbery,	328 60	
Advertising,	11 37	
Grain,	13 00	
Tree guards,	569 25	
Settees,	218 50	
Paints and oil,	37 93	
Fountain and labor on same,	89 03	
Framing map,	13 75	
Paving,	45 25	
Fowls,	10 00	
	<hr/>	
Total, as per item No. 29 of Expenses,		\$6,038 67
		<hr/>
Balance unexpended, transferred to Sinking Fund,		\$11 33

Real Estate: Lien Account.

Balance, November 30, 1881, brought forward,	\$12 98
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EXPENDED.

For Real Estate sold for Taxes, and purchased by the Collector, as per item No. 30 of Expenses,	\$926 44
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\$939 42

Amount abated since Nov. 30, 1881,	\$151 62
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\$787 80

RECEIVED.

For Amount of taxes and charges, in redemption, as per item No. 21 of Receipts,	\$781 54
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Balance, November 30, 1882,	\$6 26
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Real Estate Sales.

RECEIVED.

On account of land sold, as per item No. 22 of Receipts,	\$800 00
Amount transferred to Sinking Fund,	800 00

Salaries.

Appropriation,	\$22,000 00
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EXPENDED.

Paid Frank H. Kelley, Mayor (balance)	\$125 00
E. B. Stoddard, "	1,375 00
Wm. S. Barton, Treasurer and Collector,	2,500 00
Frank P Goulding, City Solicitor,	1,550 00

Paid Chas. A. Allen, City Engineer,	1,983 31
Enoch H. Towne, City Clerk,	1,783 33
Henry Griffin, " Auditor,	1,191 67
Lyman A. Ely, " Assessor,	1,191 67
Josiah P. Houghton, " "	1,091 66
Levi Barker, " "	1,091 66
Assistant Assessors,	471 00
Charles H. Peck, Superintendent of Public Buildings,	1,391 66
Charles Marvin, City Messenger,	900 00
Chas. B. Damon, Book-keeper,	1,045 84
R. R. Shepard, Sealer of weights and measures,	245 84
R. R. Shepard, Inspector of milk,	100 00
Theo. H. Bartlett, General Cleri- cal Assistant,	1,041 68
S. Hamilton Coe, Clerk of Com- mon Council,	300 00
Clerical labor for Treasurer,	1,647 34
" " " Assessors,	751 36

Total, as per item No. 31 of Expenses,	<u>\$21,778 02</u>
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Balance unexpended, transferred to Sinking Fund,	<u>221 98</u>
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School Department.

Appropriation,	\$176,000 00
Amount transferred from In- terest,	\$6,000 00
Amount transferred from Inci- dental Expenses,	139 83
Amount transferred from Liquor Licenses,	1,512 50
	<u>\$7,652 33</u>
	<u>\$183,652 33</u>

RECEIVED.

For School books and stationery,	\$150 65
Tuition,	175 00

For Amount of dividend, from Wor.

Mut'l Fire Ins. Co.,	619 99
Amount refunded,	8 50
One half expense building fence,	11 37
Repairs of furniture, &c.,	36 15
Rent of Valley Falls school-house,	9 36

Total, as per item No. 23 of
Receipts,

\$1,011 02

\$184,663 35

EXPENDED.

For Salary of A. P. Marble, Superin-
tendent,

	\$3,000 00
Salary of Teachers, as per pay rolls,	137,982 87
Salary of Janitors, as per pay rolls,	6,644 35
Horse hire,	250 00
Truant Officers,	1,800 00
Clerical labor,	983 33
Rent of Superintendent's office,	750 00
“ “ school-rooms,	200 00
Fuel,	8,275 40
Gas,	326 13
Advertising,	41 92
Printing,	493 98
School books and stationery,	2,065 35
Materials for chemical apparatus,	
High School,	19 74
Stamps, express and telegrams,	65 32
Miscellaneous repairs,	5,276 24
Furniture, fixtures, and repairs of same,	1,029 83
Trucking and removing ashes,	434 58
Stoves and stove furniture,	70 21
Repairs of stoves and furnaces,	1,047 10
Cleaning school-houses,	730 25
Clocks and repairs of same,	220 65
Pitch pipes, and tuning pianos, and rent of same,	158 08
Brooms, mats, dusters, &c.,	573 65
Water rates,	651 74
Cleaning vaults,	81 50

For Rent of telephone,	27 00
Examination of teachers,	41 02
Traveling expenses of Superintendent,	39 70
Grading,	122 95
Shoveling snow,	160 25
Engineering,	6 45
Repairs of lawn mower,	1 50
Disinfectant powder,	58 48
Insurance,	570 50
Hose and couplings,	11 50
Horse hire for Truant officers,	12 00
Digging well, at Lake View,	115 00

THOMAS STREET SCHOOL-HOUSE:

For Contract, paid C. A.

Vaughan,	\$8,563 93
Furnaces,	1,031 79
Plans,	150 00
Paving,	189 60
Extra work,	126 37
Labor on sewer and water pipe,	263 09
	<hr/>
	\$10,324 78

Total, as per item No. 32 of
Expenses,

\$184,663 35

Sewer Assessment: Old Account.

Balance uncollected, November 30,	
1881,	\$3,578 25
Abated since November 30, 1880,	1,192 74
	<hr/>

\$2,385 51

RECEIVED.

From sundry persons, as per item No. 24
of Receipts, and transferred to
Sinking Fund,

\$2,385 51

Sewer Assessment: New Account.

Balance uncollected, Nov. 30, 1881,	\$9,516 07	
Amount assessed to Nov. 30, 1882,	17,375 83	
	<hr/>	
	\$26,891 90	
Abated since November 30, 1880,	\$1,438 46	
	<hr/>	
		\$25,453 44

RECEIVED.

From sundry persons, as per item No. 25 of Receipts, and transferred to Sinking Fund,		\$13,307 75
	<hr/>	
Balance uncollected, November 30, 1882,		\$12,145 69

Sewers: Construction.

Appropriation,	\$65,000 00
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RECEIVED.

For one half costs of catch basins,	\$25 00	
Relaying sewer on Summer street,	1,129 06	
Gravel and stone,	108 43	
Wages uncalled for,	14 72	
Old iron, &c., sold,	12 16	
Lumber, “	19 80	
Use of team,	18 00	
“ “ derrick and pump,	80 00	
“ “ engine,	20 00	
Brick, cement, labor, &c.,	94 02	
Freight,	16 00	
Labor, material, &c., used on ac- count of change of grade, Sum- mer street,	340 25	
Amount refunded,	1 30	
	<hr/>	
Total, as per item No. 26 of Receipts,		\$1,878 74
		<hr/>
		\$66,878 74

EXPENDED.

For Laborers, as per pay rolls,	\$35,329 57
R. H. Chamberlain, Sup't, salary, in part,	1,191 64
Engineering,	2,117 44
Freight, trucking and express,	2,064 99
Cement, sand, drain pipe, &c.,	7,767 39
Brick,	7,931 65
Lumber and carpenter work,	3,660 40
Man-hole covers,	816 40
Coal,	645 74
Tools and repairs of same,	852 76
Blacksmithing,	536 42
Oil, lanterns, &c.,	236 08
Paving,	314 20
Labor of men and teams,	280 67
Cordage, waste and packing,	111 13
Powder and fuse,	65 99
Advertising,	26 40
Hack hire,	3 50
Repairs of engine, derrick, &c.,	257 71
Inlet and border stone,	41 70
Iron and steel,	5 60
Traveling expenses of engineer and committee,	38 80
Telegrams,	11 05
Printing,	8 20
Pipe and fittings,	20 72
Stationery,	3 28
Repairs of water pipe, &c.,	43 75
Castings,	48 56
Use of engines,	501 00
Use of excavator,	1,790 00
Labor on crossings, paid Boston and Albany Railroad Co.,	57 75
Labor on crossings, paid Worces- ter and Nashua Railroad Co.,	98 25
<hr/>	
Total, as per item No. 33 of Expenses,	\$66,878 74

Sewers: Island Account.

Balance, November 30, 1881,	\$21,446 21
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Amount transferred from Lynde Brook Damages,	\$2,000 00	
	<hr/>	\$23,446 21
Less part amount of appropriation cancelled,		15,000 00
		<hr/>
		\$8,446 21

EXPENDED.

For Balance of contract and extra work, paid Kiernan & Maloney,	\$8,225 00	
Repairing pipe,	28 75	
	<hr/>	
Total, as per item No. 34 of Expenses,		\$8,253 75
		<hr/>
Balance unexpended, transferred to Sinking Fund,		\$192 46

Sewers : Maintenance.

Appropriation,	\$10,000 00
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RECEIVED.

For Labor and materials sold, as per item No. 27 of Receipts,	33 77
	<hr/>
	\$10,033 77

EXPENDED.

For Laborers, as per pay rolls,	\$4,383 19
R. H. Chamberlain, supt. salary (in part),	400 06
Trucking, freight and express,	955 38
Hardware, tools, and repairs of same,	37 67
Rent for storage,	120 00
Oil, &c.,	8 13
Rubber goods,	45 25
Cordage,	19 55
Catch basin covers,	265 10

For Man-hole covers,	327 78	
Blacksmithing,	43 04	
Horse and hack hire,	60 75	
Lumber and carpenter work,	3 96	
Printing,	12 20	
Telegrams,	1 00	
Advertising,	1 86	
Repairs of carriage,	8 25	
Traveling expenses of committee,	13 00	
Border stones,	189 10	
Castings,	83 93	
Stationery,	2 67	
Reporting evidence, printing, and other expenses in sewer case, Millbury vs. Worcester,	2,478 12	
		<hr/>
Total, as per item No. 35 of Expenses,		\$9,459 99
		<hr/>
Balance unexpended, trans- ferred to Sinking Fund,		\$573 78

Sidewalk Assessment.

Balance uncollected, Nov. 30, 1881,	\$1,875 39	
Amount assessed to Nov. 30, 1882,	7,306 44	
		<hr/>
		\$9,181 83

RECEIVED.

From sundry persons for assessments, as per item No. 28 of Receipts,		6,622 36
		<hr/>
Balance uncollected, November 30, 1882,		\$2,559 47

Sinking Fund, No. 1: General Debt, 1875.

Balance, November 30, 1881,	\$110,725 93
-----------------------------	--------------

RECEIVED.

Amount of contributions, and interest on investments, as per report of Commissioners, on account of fund No. 1,	
Total; as per item No. 36 of Expenses,	55,828 55

\$166,554 48

EXPENDED.

For Bonds and certificates of indebtedness maturing in 1882, cancelled,	\$18,000 00
Interest accrued on investments, as per report of Commissioners, on account of fund No. 1,	59 20
	<hr/>
Total, as per item No. 29 of Receipts,	\$18,059 20
	<hr/>
Balance, November 30, 1882,	\$148,495 28

Sinking Funds, Nos. 2 to 11: Special, 1876 to 1882.

Balances, November 30, 1881, viz. :

No. 2, Water Loan, 1876,	\$11,581 53
No. 3, Lynde Brook Damages, 1877,	45,634 20
No. 4, Lynde Brook Damages, 1878,	22,350 67
No. 5, Lynde Brook Damages, 1879,	12,330 11
No. 6, Island Sewer, 1879,	18,390 52
No. 7, Foster Street, 1879,	31,449 31
No. 8, Island Sewer, 1880,	2,702 76
No. 9, Foster Street, 1880,	5,037 37
No. 10, Island Sewer, 1881,	2,243 01
No. 11, City Hospital Bld'g, 1881,	2,854 51
	<hr/>
	\$154,573 99

RECEIVED.

Amount of contributions and interest on investments, as per report of Commissioners, on account of funds Nos. 2 to 11, inclusive,	
Total, as per item Nos. 37 to 46 of Expenses,	45,745 76
	<hr/>
	\$200,319 75

Amount of contributions, and interest on investments, as per report of Commissioners, on account of new funds, viz.

No. 12. Lynde Brook damages, 1882,	\$2,450 02
No. 13. Jaques' for feiture, 1882,	1,937 70
No. 14. City Hospital building, 1882,	2,855 40

Total, as per items Nos. 47 to 49 inclusive, of Expenses,

\$7,243 12

\$207,562 87

EXPENDED.

For Interest accrued on investments, as per report of Commissioners, on account of funds Nos. 2 to 13 inclusive.

Total, as per items Nos. 30 to 41 inclusive, of Receipts,

\$168 00

Balances November 30, 1882, viz.

No. 2. Sinking Fund,	\$13,662 60
3. " "	56,057 50
4. " "	28,346 20
5. " "	16,169 62
6. " "	22,842 34
7. " "	41,087 84
8. " "	3,896 69
9. " "	7,705 39
10. " "	4,576 55
11. " "	5,821 69
12. " "	2,447 35
13. " "	1,925 70
14. " "	2,855 40

\$207,394 87

State Aid: Old Account.

Balance due from the State,

\$7,357 64

State Aid: New Account.

Balance due from the State,	\$19,219 80
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EXPENDED.

Paid Soldiers and their families from Dec. 1, 1881, to Nov. 30, 1882. Total, as per item No. 59 of Expenses,	\$8,606 50
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\$27,826 30

RECEIVED.

Amount allowed by State Auditor, as per item No. 42 of Receipts,	\$10,480 80
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Balance due from the State,	\$17,345 50
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Street Betterments.

Balance due November 30, 1881,	\$17,690 57
Abated since " " "	2,876 00

\$14,814 57

RECEIVED.

For Assessments for Betterments, as follows, viz:

On account of Foster Street,	\$4,249 00
" " " Quinsigamond Av.,	5,406 61

Total, as per item No. 43 of Receipts, and transferred to Sinking Fund,	\$9,655 61
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Balance uncollected, Nov. 30, 1882,	\$5,158 96
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Street Construction.

Appropriation,	\$25,000 00
Amount transferred from Liquor Licenses,	\$5,000 00
" " " Highway De- partment,	2,400 00

\$7,400 00

\$32,400 00

RECEIVED.

For one half expense of referees, as per item No. 44 of Receipts,	\$17 50
	<hr/>
	\$32,417 50

EXPENDED.

For Engineering,	\$392 31	
Hack hire,	47 00	
Stakes,	15 00	
Stone bounds,	43 50	
	<hr/>	
		\$497 81

FOR ÆTNA STREET :		
Grading, by Highway De- partment,		\$691 70

FOR BEAVER STREET :		
Engineering,	\$19 02	
Bridge,	740 86	
Grading, by Highway De- partment,	1,794 70	
	<hr/>	
		\$2,554 58

FOR BLACKSTONE STREET :		
Engineering,	\$3 38	
Land and damages, paid Martin Kildea,	4,350 00	
Referees in case of Mar- tin Kildea,	35 00	
	<hr/>	
		\$4,388 38

FOR CAMBRIDGE STREET :		
Grading, by Highway De- partment,	\$3,717 18	
Engineering,	65 22	
Labor on high service water pipe,	104 13	
Lumber and carpenter work,	57 15	
Coal, oil and use of steamer,	41 25	
Hack hire,	4 00	
	<hr/>	
		\$3,988 93

FOR CHANDLER STREET :

Grading, by Highway De-	
partment,	\$1,615 77
Engineering,	5 25
Building fence,	13 30
Hack hire,	4 00
Land damage, paid A. N.	
Currier,	39 70
	<hr/>
	\$1,678 02

FOR CUTLER STREET :

Grading, by Highway De-	
partment,	\$169 20

FOR FOX STREET :

Grading, by Highway De-	
partment,	\$172 00

FOR HOSPITAL STREET :

Grading, by Highway De-	
partment,	\$959 45
Engineering,	10 07
Removing trees,	2 00
Land damages, paid Dow-	
ney heirs,	425 00
	<hr/>
	\$1,396 52

FOR INGALLS STREET :

Grading, by Highway De-	
partment,	\$49 95

FOR JACKSON STREET :

Damage to estate, paid R.	
A. M. Johnson,	\$150 00

FOR MERRICK STREET :

Engineering,	\$2 88
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FOR MILLBURY AND VERNON STREETS :

Grading, by Highway De-	
partment,	\$782 44
Sewer pipe, labor, &c.,	9 85
Land damages, paid John	
Doherty,	1,100 00
	<hr/>
	\$1,892 29

FOR LAKE STREET :

Land damages, paid Charles	
Batty,	\$40 00

FOR PORTLAND STREET :

Grading, by Highway De-	
partment,	\$562 37
Cement, brick, pipe and	
labor,	51 27
Engineering,	1 25
	<hr/>
	\$614 89

FOR PARK AVENUE :

Grading, by Highway De-	
partment,	\$1,656 97
Engineering,	22 30
Advertising,	45 81
Contract, paid Peter and	
Michael Kenney,	3,108 25
Land damages, paid Wm. .	
Dickinson,	1,750 00
Land damages, paid Bede	
G. Dame,	350 00
Land damages, paid Abbie	
S. Kimball,	125 00
Land damages, paid Samuel	
A. Cushno,	160 00
Land damages, paid Matilda	
Pero,	162 00
	<hr/>
	\$7,380 33

FOR QUINSIGAMOND AVENUE :

Extra work, paid Kiernan & Maloney,	\$ 525 00	
Land and other considera- tions, in adjustment of acct. Geo. Crompton,	5,390 09	
	<hr/>	\$5,915 09

FOR RIPLEY STREET :

Engineering,		\$18 67
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FOR UNION AVENUE :

Grading, by Highway De- partment,		\$114 00
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FOR WADE STREET :

Grading, by Highway De- partment,		\$47 00
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FOR WACHUSETT STREET :

Grading, by Highway De- partment,	\$180 80	
Engineering,	1 82	
	<hr/>	\$182 62

FOR WALL STREET :

Engineering,		\$15 41
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Total, as per item No. 51 of Expenses,		\$31,960 27
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Balance unexpended, trans- ferred to Sinking Fund,		\$457 23
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Street Construction : Summer Street.

Appropriation,		\$75,000 00
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EXPENDED.

For Engineering,	\$ 501 18	
Advertising,	96 73	
Re-setting fences,	580 70	
Contract, paid W. H. Ward,	16,807 21	

For Contract, paid Riley & Kenney,	7,793 74
Labor on water pipes and hydrants,	5,340 72
Retaining wall,	512 58
Relaying sewer, &c.,	1,481 31
Re-setting lamp-posts, &c.,	410 16
Traveling expenses of committee,	6 00
Stakes,	15 00
Grading, by Highway Department,	19,561 89
Land and damages, paid D. S. Messinger,	1,000 00
Land and damages, paid Jonathan Fish,	500 00
Land and damages, paid Eunice E. Fish,	150 00
Land and damages, paid W. B. Hill, admr.,	275 00
Land and damages, paid Sophia K. Harris,	250 00
Land and damages, paid Asenath Sampson,	200 00
Land and damages, paid Mary M. Gorham,	125 00
Land and damages, paid F. C. Hunt,	300 00
Land and damages, paid Alony A. Knowlton,	265 00
Land and damages, paid Gideon Dennis,	2,200 00
Land and damages, paid Mrs. F. C. Knight,	608 00
Land and damages, paid Walter H. Davis' estate,	1,800 00
Land and damages, paid F. H. Kinnicutt,	3,000 00
Land and damages, paid Benj. H. Brewer,	500 00
Land and damages, paid George W. Kendall,	200 00
Land and damages, paid Elizabeth W. Smith,	160 00
Land and damages, paid Charles Dowd,	800 00
Land and damages, paid Michael McGaddy,	800 00

For Land and damages, paid Mary Kehoe,	800 00
Land and damages, paid A. G. Weatherbee,	45 00
Land and damages, paid Clark Whittemore heirs,	800 00
	<hr/>
Total, as per item No. 52 of Expenses,	\$67,885 22
	<hr/>
Balance unexpended, November 30, 1882,	\$7,114 78

Taxes, 1877 to 1882.

Balances uncollected, November 30, 1881, viz.:

Taxes, 1877.	Balance,	\$4,525 88
" 1878.	"	5,173 74
" 1879.	"	4,975 24
" 1880.	"	6,472 91
" 1881.	"	19,916 64

\$41,064 41

Amount assessed for 1882, viz.:

State tax,	\$57,020 00
County tax,	38,027 00
City tax,	758,859 19

\$853,906 19

\$894,970 60

RECEIVED.

From Sundry persons, as per items No. 45 to 49, and 52, of Receipts,

\$845,160 27

Amount uncollected, November 30, 1882, viz.:

Taxes of 1877,	\$4,514 76
" " 1878,	5,167 12
" " 1879,	4,958 76
" " 1880,	6,259 91
" " 1881,	6,816 80
" " 1882,	22,092 98

\$49,810 33

Taxes, 1880 and 1881: Corporation.

Balance due from the Commonwealth,	
Nov. 30, 1880,	\$598 31
Due from the Commonwealth, in 1881,	55,153 47
	<hr/>
	\$55,751 78

RECEIVED.

From the Commonwealth, as per item	
No. 50 of Receipts,	\$55,151 99
	<hr/>
	\$599 79

EXPENDED.

Amount refunded, as per item No. 53	
of Expenses,	\$9 56
	<hr/>
Balance due from the State,	\$590 23

Taxes, 1881: County.

Balance due the County, November	
30, 1881,	\$17,285 00

EXPENDED.

Amount paid to County Treasurer, as	
per item No. 54 of Expenses,	\$17,285 00

Taxes, 1881: National Bank, State Account.

Amount assessed in 1881,	\$30,981 55
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RECEIVED.

Amount from State Treasurer, as per	
item No. 51 of Receipts,	\$7,330 07
	<hr/>
	\$23,351 48

EXPENDED.

Amount paid to State Treasurer, as	
per item No. 55 of Expenses,	\$23,351 48

Taxes, 1881: State.

Amount assessed for State Tax,	\$42,765 00
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EXPENDED.

Amount paid State Treasurer, as per item No 56 of Expenses,	\$42,765 00
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Taxes, 1882: County.

Amount assessed for 1882,	\$38,027 00
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EXPENDED.

Amount paid to County Treasurer, as per item No. 57 of Expenses,	\$19,013 50
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Balance due County, November 30, 1882,	19,013 50
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Water Works: Construction.

Appropriation,	\$47,500 00
Amount transferred from Liquor Licenses,	\$11,500 00
	<hr/> \$59,000 00

RECEIVED.

For Service pipe, meters, labor, &c., as per item No. 58 of Receipts,	\$24,650 66
	<hr/> \$83,650 66

EXPENDED.

For F. E. Hall, Salary as Commissioner,	\$1,691 67
Labor of men, as per pay rolls,	17,181 04
Clerical labor,	547 00
Engineering,	147 61
Union Water Meter Co., meters, couplings, &c.,	9,944 12
Continental Water Meter Co., meters, couplings, &c.,	74 44
W. E. Desper & Co., meters, couplings, &c.,	698 64
Hydrants, water gates, valves, &c.,	3,446 79
Pipe and fittings,	4,047 67
Iron pipe,	35,589 45
Cement, pipe, sand, &c.	72 15

For Castings,	1,284 12	
Plumbing,	131 41	
Hardware and tools,	176 77	
Blacksmithing,	389 68	
Freight, trucking, express and telegrams,	2,686 74	
Rubber goods,	18 00	
Blank books, stationery, stamps, &c.,	8 87	
Cordage and packing,	93 29	
Lumber and carpenter work,	297 05	
Fuel,	36 56	
Paving,	281 87	
Horse hire,	82 50	
Lead pipe and lead,	1,727 05	
Car tickets,	58 00	
Traveling expenses of Commissioner and committee,	83 17	
Powder and fuse,	111 95	
Horse medicine,	75	
Printing,	20 25	
Use of boiler,	15 00	
Refreshments for men,	3 82	
Lanterns, globes and oil,	78 28	
Damages,	3 00	
Labor on water trough,	5 02	
Land near Bell Pond, paid B. Walker,	1,500 00	
Engineering, new supply,	198 21	
		<hr/>
Total, as per item No. 58 of Expenses,		\$82,731 94
		<hr/>
Balance unexpended, transferred to Sinking Fund,		\$918 72

Water Works: Maintenance.

RECEIVED.

For assessment for Water, 1881,	\$ 7,445 47	
“ “ “ 1882,	84,562 14	
		<hr/>
Total, as per item No. 54 of Receipts,		\$92,007 61

Less amount transferred to sundry
Sinking Funds, per order of
City Council, viz.:

Lynde Brook damages, 1882,	2,400 00
Jaques forfeiture acct., 1882,	1,900 00
City Hospital Building, 1882,	2,800 00
General debt, 1875,	14,000 00

\$21,100 00

\$70,907 61

Less amount transferred to interest on
Water Loan,

21,308 00

\$49,599 61

EXPENDED.

For Salary of J. Stewart Brown, as
Registrar,

\$1,383 33

Labor of men, as per pay rolls,

9,125 87

Clerical labor,

368 38

Clerical labor canvassing,

214 50

Care of reservoir,

200 00

Union Water Meter Co., meters
and repairs of same,

1,915 40

Engineering,

103 26

Abatement of water rates,

79 29

Hardware, tools, and repairs of
same,

293 18

Blacksmithing,

260 28

Lumber and carpenter work,

606 73

Rubber goods,

35 23

Oil, lanterns, &c.,

66 34

Coal,

152 09

Gas,

12 64

Printing,

109 16

Trucking, freight and express,

140 97

Blank books, stationery, stamps, &c.,

174 35

Rent of telephone,

47 75

Pipe, cement and sand,

153 92

Castings,

101 55

Ice,

7 48

Harnesses, blankets, and repairs
of same,

152 07

Hay, grain and straw,

458 70

For Paints and oil,	69 23
Traveling expenses,	13 40
Paving,	124 14
Advertising,	53 43
Pumping,	9 00
Taxes in town of Leicester,	89 44
Labor, paving and gravel,	97 07
Personal damage, paid Wm. J. Fay, admr.,	450 00
Damage by bursting water pipe,	25 00
Furniture, bedding, &c.,	46 99
Carpenter work,	164 75
Pipe, couplings, fittings, &c.,	146 21
Land damages, paid L. B. Stone,	100 00
Witness' fees in Stone case,	21 80
Horse hire,	40 75
Care of sick horse,	14 25
Horse,	250 00
Wagon, and repairs of same,	192 90
Labor of men and teams,	102 85
Meters, of National Meter Co.,	104 28
Lawn seed,	3 50
Water valves,	19 79
Boats, &c.,	40 00
Iron pipe,	371 67
Tree,	1 25
Plumbing,	56 82
Cordage,	4 90
Repairs of leak in water pipe,	19 30
Recording guage,	170 00
Use of steamer,	3 75
Refreshments,	8 50
Hydrants, elbows, &c.,	258 38
Meters, and repairs of same,	76 09

BELL POND :

Labor of men, as per	
pay rolls,	\$1,695 08
Labor of men and teams,	1,201 05
Carpenter work and lum-	
ber,	544 64
Use of hoisting engine,	63 50
Trucking,	108 25
Engineering,	1 62

For Horse hire,	6 00
Coal,	76 02
Belts, &c.,	63 23

\$3,759 39

Total, as per item No. 59 of
Expenses,

\$23,071 30

Balance unexpended, transferred
to Sinking Fund,

\$26,528 31

*Balances Unexpended, Transferred
to Sinking Fund.*

From Abatements and Discount,	\$825 73
Board of Health,	10 45
City Hall,	1,461 51
City Hospital,	2,638 33
Fire Department,	147 90
Free Public Library,	7 84
Highway Department,	603 42
Incidental Expenses,	1,096 19
Interest,	611 60
Lynde Brook Damages,	748 10
Pauper Department: City	
Relief,	476 23
Pauper Department: Farm,	1,722 27
Pauper Department: House	
Offal,	292 78
Pauper Department: Truant	
School,	46 79
Police Department,	2,902 37
Public Grounds,	11 33
Salaries,	221 98
Sewers, Island Account,	192 46
Sewers, Maintenance,	573 78
Street Construction,	457 23
Water Works: Construction,	918 72
Water Works: Maintenance,	26,528 31

\$42,495 32

From Real Estate Sales,	800 00
Sewer Assessment, old account,	2,385 51
" " new "	13,307 75
Street Betterment Assessments,	9,655 61
	<hr/>
	\$26,148 87
	<hr/>
Total,	\$68,644 19

City Debt.*November 30, 1882.*

FUNDED CITY LOAN.

Due April 1, 1891 (interest 4 per cent.),	\$35,000 00
Jan. 1, 1892 " " " "	30,000 00
Jan. 1, 1892 " " " "	23,400 00
April 1, 1892 " " " "	35,000 00
" 1, 1905 " " " "	500,000 00
	<hr/>
	\$623,400 00
Due June 1, 1883 (interest 5 per cent.),	\$10,000 00
" 1, 1884 " " " "	5,000 00
Jan. 1, 1887 " " " "	100,000 00
" 1, 1888 " " " "	60,000 00
" 1, 1889 " " " "	40,000 00
Apr. 1, 1889 " " " "	100,000 00
" 1, 1890 " " " "	30,000 00
" 1, 1905 " " " "	100,000 00
" 1, 1905 " " " "	100,000 00
	<hr/>
	\$545,000 00
Due April 1, 1892 (interest 6 per cent.),	\$800,000 00
	<hr/>
	\$800,000 00
	<hr/>
Total,	1,968,400 00

FUNDED SEWER LOAN.

Due Jan. 1, 1901 (interest 4 per cent.),	\$55,000 00
	<hr/>
	\$55,000 00
Apr. 1, 1905 (interest 4½ per cent.),	\$140,000 00
	<hr/>
	\$140,000 00

Due Jan. 1, 1899 (interest 5 per cent.),	\$100,000 00
“ 1, 1900 “ “ “ “	30,000 00
	<hr/>
	\$130,000 00
	<hr/>
Total,	\$325,000 00

FUNDED WATER LOAN.

Due Dec. 1, 1906 (interest 5 per cent.),	\$100,000 00
	<hr/>
	\$100,000 00
Due June 1, 1885 (interest 6 per cent.),	\$5,000 00
July 1, 1885 “ “ “ “	100,000 00
June 1, 1886 “ “ “ “	26,000 00
July 1, 1886 “ “ “ “	50,000 00
June 1, 1887 “ “ “ “	23,000 00
June 1, 1888 “ “ “ “	3,000 00
Dec. 1, 1890 “ “ “ “	50,000 00
June 1, 1891 “ “ “ “	2,300 00
	<hr/>
	\$259,300 00
	<hr/>
Total,	\$359,300 00

Recapitulation.

Funded City Loan,	\$1,968,400 00
Funded Sewer Loan,	325,000 00
Funded Water Loan,	359,300 00
	<hr/>
Total,	\$2,652,700 00

Liabilities.

Loan, Funded City,	\$1,968,400 00
“ “ Sewer,	325,000 00
“ “ Water,	359,300 00
	<hr/>
	\$2,652,700 00
One-half County Tax, 1882,	\$19,013 50
State Tax, 1882,	57,020 00
National Bank Tax, State Account, 1882,	24,744 06
Collector's Sales, Surplus Account,	26 94
Real Estate Sales, Surplus Account,	125 00
	<hr/>
	\$100,929 50
	<hr/>
	\$2,753,629 50

Cash Assets.

2622 Shares, Boston, Barre & Gardner Rail Road Stock, par value,	\$262,200 00
Due from Commonwealth, for State Aid, old Account,	7,357 64
Due from Commonwealth, for State Aid, new Account,	17,345 50
Due from Commonwealth, for Corporation Tax,	62,721 79
“ “ “ Nat'l Bank Tax, State Account,	8,171 78
Due from Commonwealth, for Military Aid,	760 50
Taxes, 1877, uncollected,	\$4,514 76
“ 1878, “	5,167 12
“ 1879, “	4,958 76
“ 1880, “	6,259 91
“ 1881, “	6,816 80
“ 1882, “	22,092 98

\$49,810 43

Assessment for School books, from 1877 to 1882, inclusive,	739 85
Assessment for Sewers and Drains, new account,	12,145 69
“ “ Sidewalks,	2,559 47
“ “ Street Betterments,	5,158 96
Due on City Hospital account,	503 88
“ Highway Department account,	695 55
“ Incidental Expense “	23 20
“ Lighting Streets “	15 70
“ Pauper Department, City Relief account,	166 87
“ Real Estate, Lien “	6 26
“ Sewers, Construction “	104 85
“ Water Works, Construction “	3,747 79
“ Water Works, Maintenance “	13,106 75
Cash in hands of Commissioners of Sinking Funds,	355,890 15
Cash in Treasury,	89,306 23

\$892,538 84

Liabilities over Cash Assets,

\$1,861,090 66

Ledger Balances.

2622 Shares Boston, Barre & Gardner Rail Road Stock, par value,	\$262,200 00
Collector's Sale, surplus account,	.

26 94

Loans, Funded City,		1,968,400 00	
“ “ Sewer,		325,000 00	
“ “ Water,		359,300 00	
Real Estate, Lien account,	157 88		
Real Estate Sales,		800 00	
Real Estate Sales, Surplus account,		125 00	
Sewer Assessments, old account,		2,385 51	
Sewer Assessments, new account,		13,307 75	
Sinking Fund, No. 1, 1875, General Debt,	148,495 28		
“ “ “ 2, 1876, Water,	13,662 60		
“ “ “ 3, 1877, Lynde Brook Damages,	56,057 50		
“ “ “ 4, 1878, “ “ “	28,346 20		
“ “ “ 5, 1879, “ “ “	16,169 62		
“ “ “ 6, 1879, Island Sewer,	22,842 34		
“ “ “ 7, 1879, Foster Street,	41,087 84		
“ “ “ 8, 1880, Island Sewer,	3,896 69		
“ “ “ 9, 1880, Foster Street,	7,705 39		
“ “ “ 10, 1881, Island Sewer,	4,576 55		
“ “ “ 11, 1881, City Hospital Building,	5,821 69		
“ “ “ 12, 1882, Lynde Brook Damages,	2,447 35		
“ “ “ 13, 1882, Jaques forfeiture,	1,925 70		
“ “ “ 14, 1882, City Hospital Building,	2,855 40		
State Aid, old account,	7,357 64		
State Aid, new account,	17,345 50		
Street Betterment Assessments,		9,655 61	
Taxes, Corporation,	62,721 79		
“ County,		19,013 50	
“ National Bank Tax, State account,		16,572 28	
“ State,		57,020 00	
Taxes, 1877,	4,514 76		
“ 1878,	5,167 12		
“ 1879,	4,958 76		
“ 1880,	6,259 91		
“ 1881,	6,816 80		
“ 1882,	22,092 98		
City Treasury,	89,306 23		
City of Worcester,	1,926,817 07		
	\$2,771,606 59	\$2,771,606 59	

Taxes.

The amount of taxes assessed by the Board of Assessors on the real and personal estate, and polls of the City of Worcester, for the year 1882, was as follows:

Valuation of Real Estate,	\$33,875,250 00
Valuation of Personal Estate,	11,629,262 67
Total Valuation,	<u>\$45,504,512 67</u>

REPORT OF THE AUDITOR.

85

Rate of Taxation \$17.40 per \$1,000,	\$791,778 52	
Add 17,754 polls at \$2.00,	35,508 00	
	<hr/>	
Gross Tax,		\$827,286 52
City Tax,	\$714,100 00	
Overlayings,	18,139 52	
State Tax,	57,020 00	
County Tax,	38,027 00	
	<hr/>	
		\$827,286 52

The year 1882 shows a gain over 1881, as follows :

1882. Real Estate,	\$33,875,250 00	
1881. " "	32,065,700 00	
	<hr/>	
Gain,		\$1,809,550 00
1882. Personal Estate,	\$11,629,262 67	
1881. " "	10,540,839 00	
	<hr/>	
Gain,		\$1,088,423 67
1882. Number of Polls,	17,754	
1881. " "	16,029	
	<hr/>	
Gain,		1,725
Total taxable Real and Personal Estate in 1882,	\$45,504,512 67	
" " " " " 1872,	42,242,550 00	
	<hr/>	
Gain in ten years,		\$3,261,962 67

SCHEDULE OF CITY PROPERTY.

NOVEMBER 30, 1882.

In charge of the following Persons and Departments.

CITY ENGINEER:

Personal Property,	\$800 00
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COMMISSIONERS OF PUBLIC GROUNDS:

Personal Property,	\$1,000 00
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COMMITTEE ON LIGHTING STREETS:

761 Gas Lanterns, 1051 Gasoline Lamps, with Building and Fixtures,	\$25,000 00
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COMMITTEE ON PUBLIC BUILDINGS:

Armory Building,	\$15,000 00
7,256 feet of land, at \$1.25 per foot,	9,070 00
	<hr/>
	\$24,070 00

DIRECTORS OF FREE PUBLIC LIBRARY:

Library Building,	\$28,000 00
9,902 feet of land, at \$2.00 per foot,	19,804 00
	<hr/>
	\$47,804 00
Personal Property,	35,000 00
	<hr/>
	\$82,804 00

FIRE DEPARTMENT:

Beacon Street.

8,000 feet of land at 30 cts. per foot,	\$2,400 00
Engine House;	5,400 00
	<hr/>
	\$7,800 00

Bigelow Court.

5,310 feet of land, at \$1.50 per foot,	\$7,965 00
Engine House,	\$12,000 00
	<hr/>
	\$19,965 00

Carlton Street.

1,270 feet of land, at \$1.25 per foot,	\$1,587 50
Engine House,	1,000 00

\$2,587 50

Exchange Street.

500 feet of land, at \$2.00 per foot,	\$1,000 00
Engine House,	1,800

\$2,800 00

Grafton Street (on School-house lot).

Engine House,	\$4,000 00
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Lamartine Street.

8,400 feet of land, at 12½ cts. per foot,	\$1,050 00
Engine House,	4,500 00

\$5,550 00

Myrtle Street.

1,347 feet of land, at 90 cts. per foot,	\$1,212 30
Engine House,	2,700 00

\$3,912 30

New Worcester.

Land,	\$500 00
Engine House,	1,000 00

\$1,500 00

Pleasant Street.

6,106 feet of land, at 14 cts. per foot,	\$854 84
Engine House,	8,100 00

\$8,954 84

School Street.

7,688 feet of land, at 50 cts. per foot,	\$3,844 00
Engine House,	4,500 00

\$8,344 00

Thomas Street.

Land,	\$7,000 00
Engine House,	4,500 00

\$11,500 00

John Street.

1,836 feet of land, at 50 cts. per foot,	\$918 00
Engine House,	4,050 00
	<hr/>
	\$4,968 00

Prescott Street. (Leased Land.)

Engine House,	\$10,000 00
	<hr/>
Total Real Estate,	\$91,881 64

Personal Property.

Four Steamers,	\$16,000 00
Thirteen Hose Carriages,	6,700 00
Three Ladder Trucks,	4,600 00
Other Personal Property, including Fire Alarm Telegraph,	61,000 00
	<hr/>
Total Personal Property,	\$88,300 00

TRUSTEES OF CITY HOSPITAL:

150,643 feet of land, at 12 cts. per foot,	\$18,077 16
Buildings,	47,000 00
Furniture, Surgical Instruments, &c.	7,000 00
	<hr/>
	\$72,077 16

HIGHWAY DEPARTMENT:

50,331 feet of land on Salem Street, at 33 cts. per foot,	\$16,609 25
Stable, Sheds, &c.,	10,000 00
Land (1 acre), Pleasant Street, Tatnuck,	100 00
Land (2½ acres), Quinsigamond Village,	300 00
Gravel Pit, near Paxton,	10 00
Personal Property,	10,000 00
	<hr/>
	\$37,019 25

PAUPER DEPARTMENT:

Real Estate,	\$70,000 00
Stock and Tools at the Farm,	4,750 36
Household Goods,	6,847 37
Stock, &c., in the Scavenger Department,	7,067 50
Telephone,	300 00
	<hr/>
	\$88,965 23

POLICE DEPARTMENT :

Personal Property under care of City Marshal,		\$2,600 00
Police Station, Lamartine Street, 8,400 feet of		
land, at $12\frac{1}{2}$ cts. per foot,	\$1,050 00	
House (unfinished),	8,000 00	
	<hr/>	
		\$9,050 00

SCHOOL DEPARTMENT :

New High School-house.

31,672 feet of land,	\$41,173 00	
House,	125,000 00	
	<hr/>	
		\$166,173 00

Old High School-house.

9,487 feet of land,	\$12,333 00	
House,	20,000 00	
	<hr/>	
		\$32,333 00

Quinsigamond School-house.

34,500 feet of land,	\$1,725 00	
House,	\$20,000 00	
	<hr/>	
		\$21,725 00

Ash Street School-house.

13,400 feet of land,	\$4,020 00	
House,	13,500 00	
	<hr/>	
		\$17,520 00

Thomas Street School-house.

23,443 feet of land,	\$15,000 00	
House,	29,751 00	
	<hr/>	
		\$44,751 00

Monroe District School-house—Now Blithewood.

43,560 feet of land,	\$100 00	
House,	1,500 00	
	<hr/>	
		\$1,600 00

South Worcester School-house.

29,184 feet of land,	\$2,918 00	
House,	20,000 00	
	<hr/>	
		\$22,918 00

Union Hill School-house.

11,000 feet of land,	\$1,100 00	
House,	2,000 00	
	<hr/>	
		\$3,100 00

Providence Street School-house.

58,000 feet of land,	\$29,000 00	
House,	18,000 00	
	<hr/>	
		\$47,000 00

Dix Street School-house.

24,000 feet of land,	\$6,000 00	
House,	30,000 00	
	<hr/>	
		\$36,000 00

Washington Street School-house.

Land,	\$2,235 00	
House,	9,000 00	
	<hr/>	
		\$11,235 00

Northville School-house.

34,875 feet of land,	\$500 00	
House,	5,500 00	
	<hr/>	
		\$6,000 00

Tatnuck School-house.

11,500 feet of land,	\$300 00	
House,	5,000 00	
	<hr/>	
		\$5,300 00

Salem Street School-house.

12,555 feet of land,	\$5,022 00	
House,	12,000 00	
	<hr/>	
		\$17,022 00

Mason Street School-house.

13,200 feet of land,	\$1,980 00	
House,	5,500 00	
	<hr/>	
		\$7,480 00

East Worcester School-house.

18,150 feet of land,	\$7,260 00	
House,	13,000 00	
	<hr/>	\$20,260 00

East Worcester School-house.

9,060 feet of land,	\$4,530 00	
House,	5,000 00	
	<hr/>	\$9,530 00

Lamartine Street School-house.

48,040 feet of land,	\$9,608 00	
House,	27,000 00	
	<hr/>	\$36,608 00

Adriatic School-house, on Southgate Street.

25,000 feet of land,	\$2,500 00	
New House,	15,000 00	
Old House,	3,000 00	
	<hr/>	\$20,500 00

New Worcester School-house.

14,900 feet of land,	\$2,235 00	
House,	9,000 00	
	<hr/>	\$11,235 00

Edgeworth Street School-house.

30,760 feet of land,	\$1,538 00	
House,	22,000 00	
	<hr/>	\$23,538 00

Woodland Street School-house.

40,000 feet of land,	\$10,000 00	
Two Houses,	38,000 00	
	<hr/>	\$48,000 00

Ledge Street School-house.

40,670 feet of land,	\$8,134 00	
House,	30,000 00	
	<hr/>	\$38,134 00

Belmont Street School-house.

31,440 feet of land,	\$7,860 00	
House,	45,000 00	
	<hr/>	\$52,860 00

Grafton Street School-house.

24,897 feet of land,	\$3,734 00	
House,	10,000 00	
	<hr/>	\$13,734 00

Winslow Street School-house.

25,009 feet of land,	\$5,001 00	
House,	12,000 00	
	<hr/>	\$17,001 00

Oxford Street School-house.

17,200 feet of land,	\$21,500 00	
House,	30,000 00	
	<hr/>	\$51,500 00

Valley Falls School-house.

34,428 feet of land,	\$200 00	
House,	7,100 00	
	<hr/>	\$7,300 00

Burncoat Plain School-house.

21,500 feet of land,	\$200 00	
House,	2,500 00	
	<hr/>	\$2,700 00

Adams Square School-house.

22,360 feet of land,	\$300 00	
House,	2,800 00	
	<hr/>	\$3,100 00

Sycamore Street School-house.

12,625 feet of land,	\$9,468 00	
House,	20,000 00	
	<hr/>	\$29,468 00

Summer Street School-house.

16,083 feet of land,	\$7,320 00	
House,	3,000 00	
	<hr/>	\$10,320 00

Trowbridgeville School-house.

5,050 feet of land,	\$75 00	
House,	300 00	
	<hr/>	\$375 00

Bloomington School-house.

14,000 feet of land,	\$200 00	
House,	3,000 00	
	<hr/>	\$3,200 00

North Pond School-house.

20,000 feet of land,	\$300 00	
House,	1,600 00	
	<hr/>	\$1,900 00

Chamberlain School-house.

21,780 feet of land,	\$100 00	
House,	1,200 00	
	<hr/>	\$1,300 00

Lake View School-house.

15,684 feet of land,	\$400 00	
House,	1,600 00	
	<hr/>	\$2,000 00

Total value Real Estate,	\$844,720 00
“ “ Personal Property,	68,085 40
	<hr/>
	\$912,805 40

SEWER DEPARTMENT :

Personal Property,	\$3,000 00
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WATER DEPARTMENT :

Real Estate in Leicester, Bell Pond, and on Thomas Street, together with the Reservoir, Pipe, Hydrants, Fixtures and Tools—costing,	\$1,352,659 23
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MISCELLANEOUS :

Central Park, 7 acres.
Hope Cemetery, 67 acres.
Elm Park, 28 acres.

SALABLE LAND :

56,622 feet of land, East Worcester Street, at 40 cents per foot,	\$22,648 80	
30,296 feet of land, Lamartine Street, at 12½ cents per foot,	3,787 00	
17,612 feet of land, Summer Street, at 75 cents per foot,	13,209 00	
8,063 feet of land, Mechanic Street, at \$1.00 per foot,	8,063 00	
	<hr/>	\$47,707 00
City Hall Building,	\$20,000 00	
Furniture, &c., in City Hall,	5,000 00	
City Scales, Lincoln Square,	300 00	
City Scales, New Worcester,	300 00	
City Scales, Salem Square,	400 00	
City Scales, Quinsigamond,	300 00	
City Scales, Southbridge Street,	300 00	
	<hr/>	\$26,600 00
Total,		<hr/> \$2,866,338 91

REPORT OF THE COMMISSIONERS OF THE SINKING FUNDS.

WORCESTER, MASS., JANUARY 1, 1883.

To the Honorable City Council :

IN compliance with the provisions of the City Ordinances governing this Commission the undersigned beg leave to present the following Report of their Transactions for the financial year ending November 30, 1882 :

Balance, Dec. 1, 1881	\$265,299 92
Receipts for the year	108,817 43
Total	<hr/> \$374,117 35
Payments for the year	18,227 20
Balance, Nov. 30, 1882.	<hr/> \$355,890 15

The several investments and cash balances belonging to each of the City Sinking Funds have been carefully examined by the undersigned and found to be properly accounted for. Sundry statements, showing the Receipts and Payments, together with the several balances carried forward at the end of the year, prepared by W. S. Barton, Esq., Treasurer of the Board, are appended to this Report and make a part thereof.

SAM'L WOODWARD,
EDWARD L. DAVIS,
H. A. MARSH,

Commissioners of the Sinking Funds of the City of Worcester.

To the Commissioners of the Sinking Funds:

GENTLEMEN:—The undersigned presents herewith sundry statements, in tabular form, covering all cash transactions of your Board for the financial year ending November 30, 1882 :

STATEMENT OF SINKING FUNDS.

No.	TITLE OF FUND.	Amount Dec. 1, 1881.	Receipts during year.	Total.	Payments during year.	Balances Nov. 30, 1882.
1	General Debt, 1875.	\$110,725 93	\$55,828 55	\$166,554 48	\$18,059 20	\$148,495 28
2	Water Loan, 1876.	11,581 53	2,097 07	13,678 60	16 00	13,662 60
3	Lynde Brook, 1877.	45,634 20	10,499 30	56,133 50	76 00	56,057 50
4	" 1878.	22,350 67	6,022 86	28,373 53	27 33	28,346 20
5	" 1879.	12,330 11	3,844 18	16,174 29	4 67	16,169 62
6	Island Sewer, 1879.	18,390 52	4,457 82	22,848 34	6 00	22,842 34
7	Foster Street, 1879.	31,449 31	9,650 53	41,099 84	12 00	41,087 84
8	Island Sewer, 1880.	2,702 76	1,195 26	3,898 02	1 33	3,896 69
9	Foster Street, 1880.	5,037 37	2,671 35	7,708 72	3 33	7,705 39
10	Island Sewer, 1881.	2,243 01	2,336 21	4,579 22	2 67	4,576 55
11	City Hospital, 1881.	2,854 51	2,971 18	5,825 69	4 00	5,821 69
12	Lynde Brook, 1882.		2,450 02	2,450 02	2 67	2,447 35
13	Jaques For're, 1882.		1,937 70	1,937 70	12 00	1,925 70
14	City Hospital, 1882.		2,855 40	2,855 40		2,855 40
Totals,		\$265,299 92	\$108,817 43	\$374,117 35	\$18,227 20	\$355,890 15

RECEIPTS AND PAYMENTS.

No.	Appropriations.	Interest.	Total.	City Debt.	Interest.	Total.
1	\$49,905 13	\$5,923 42	\$55,828 55	\$18,000 00	\$59 20	\$18,059 20
2	1,500 00	597 07	2,097 07		16 00	16 00
3	8,000 00	2,499 30	10,499 30		76 00	76 00
4	4,800 00	1,222 86	6,022 86		27 33	27 33
5	3,200 00	644 18	3,844 18		4 67	4 67
6	3,500 00	957 82	4,457 82		6 00	6 00
7	8,000 00	1,650 53	9,650 53		12 00	12 00
8	1,050 00	145 26	1,195 26		1 33	1 33
9	2,400 00	271 35	2,671 35		3 33	3 33
10	2,200 00	136 21	2,336 21		2 67	2 67
11	2,800 00	171 18	2,971 18		4 00	4 00
12	2,400 00	50 02	2,450 02		2 67	2 67
13	1,900 00	37 70	1,937 70		12 00	12 00
14	2,800 00	55 40	2,855 40			
\$94,455 13		\$14,362 30	\$108,817 43	\$18,000 00	\$227 20	\$18,227 20

INVESTMENTS AND BALANCES.

On Account of Funded City Debt, viz :				Investments City Bonds.	Cash on Deposit.	Totals.
No.	Funded.	Due.	Amount.			
1	Prior to 1876.	1883 to 1905.	\$1914,300 00	\$145,900 00	\$2,595 28	\$148,495 28
2	Dec. 1, 1876.	Dec. 1, 1906.	100,000 00	13,000 00	662 60	13,662 60
3	Jan. 1, 1877.	Jan. 1, 1887.	100,000 00	54,500 00	1,557 50	56,057 50
4	Jan. 1, 1878.	Jan. 1, 1888.	60,000 00	27,500 00	846 20	28,346 20
5	Jan. 1, 1879.	Jan. 1, 1889.	40,000 00	15,500 00	669 62	16,169 62
6	Jan. 1, 1879.	Jan. 1, 1899.	100,000 00	22,000 00	842 34	22,842 34
7	April 1, 1879.	April 1, 1889.	100,000 00	40,000 00	1,087 84	41,087 84
8	Jan. 1, 1880.	Jan. 1, 1900.	30,000 00	3,500 00	396 69	3,896 69
9	April 1, 1880.	April 1, 1890.	30,000 00	7,500 00	205 39	7,705 39
10	Jan. 1, 1881.	Jan. 1, 1901.	55,000 00	4,000 00	576 55	4,576 55
11	April 1, 1881.	April 1, 1891.	35,000 00	5,500 00	321 69	5,821 69
12	Jan. 1, 1882.	Jan. 1, 1892.	30,000 00	2,000 00	447 35	2,447 35
13	Jan. 1, 1882.	Jan. 1, 1892.	23,400 00	1,500 00	425 70	1,925 70
14	April 1, 1882.	April 1, 1892.	35,000 00	2,500 00	355 40	2,855 40
			\$2,652,700 00	\$344,900 00	\$10,990 15	\$355,890 15

WM. S. BARTON,

Treasurer.

WORCESTER, Mass., Dec. 18, 1882.

FUNDED CITY DEBT.

Nov. 30, 1882.

DESCRIPTION.	Amount Dec. 1, 1881.	Due and paid in 1882.	Balance.	Debt created in 1882.	Outstanding Nov. 30, 1882.
Funded City Loans,	\$1,886,000	\$6,000	\$1,880,000	\$88,400	\$1,968,400
Funded Sewer Loans,	325,000		325,000		325,000
Funded Water Loans,	271,300	12,000	359,300		359,300
	\$2,582,300	\$18,000	\$2,564,300	\$88,400	\$2,652,700

REPORT OF THE COMMITTEE ON FINANCE.

CITY OF WORCESTER,
IN COMMITTEE, *Dec. 11, 1882.*

The Joint Standing Committee on Finance, having examined the books and accounts of the City Treasurer, and the several securities in his custody, as Treasurer, trust funds excepted, beg leave to report:

That they find that his books are carefully and correctly kept, and that the securities belonging to the city are properly accounted for.

They further report that it appears from the books of the treasurer that his cash receipts, from all sources, for the financial year ending November 30, 1882, were

\$1,756,091 12

To which add cash balances, Nov. 30, 1881,

209,706 36

Making a total of

\$1,965,797 48

And that his cash payments were

1,800,366 31

Leaving a balance, November, 30 1882,

\$165,431 17

Which they have verified by actual count and by an examination of the several bank balances standing to the credit of the City on that date.

They further report that the city securities, in the hands of the treasurer, are as follows:

1 Certificate of 2,622 shares in stock of the Boston, Barre and Gardner R. R. Co. (par value),	\$262,200 00
2 Collector's Deeds to the City, securing liens on sundry estates (face value),	6 26
Total,	<hr/> \$262,206 26

They further report that the following taxes, assessments and department bills remained outstanding and uncollected at the close of business November 30, 1882:

Taxes of	Polls.	Real Estate.	Personal Est.	Total.
1877	\$4,020 00		\$ 494 76	\$4,514 76
1878	4,816 00		351 12	5,167 12
1879	4,733 00		225 76	4,958 76
1880	6,005 00		254 91	6,259 91
1881	6,485 00		331 80	6,816 80
1882	8,387 00	\$12,506 25	1,199 73	22,092 98
	<u>\$34,446 00</u>	<u>\$12,506 25</u>	<u>\$2,858 08</u>	<u>\$49,810 33</u>

School-book Taxes, 1877 to 1882, inclusive,	739 85
Sewer Assessments, new series,	12,145 69
Sidewalk Assessments,	2,559 47
Street Betterment Assessments,	5,158 96
City Hospital Account; board of patients,	503 88
Highway Department Account; labor and materials,	695 55
Incidental Expense Account; services of engineers,	23 20
Lighting Streets Account; lanterns broken,	15 70
Pauper Department Account; due from sundry towns, &c.,	166 87
Sewer Department Account; material sold,	104 85
Water Department, "Construction;" service pipe, etc.,	3,747 79
Water Department, "Maintenance;" water rates, etc.,	13,106 75
Total,	<u>\$88,778 89</u>

Respectfully submitted.

ANDREW ATHY,
 BENJ. WALKER,
 E. O. PARKER,
 G. A. LONGLEY,
 S. C. ANDREWS,
 THOMAS TALBOT,

Joint Standing Committee on Finance.

REPORT OF THE CITY CLERK.

CITY OF WORCESTER,
CITY CLERK'S OFFICE, *January 1, 1883.*

To the Honorable City Council :

IN accordance with the requirements of Chapter VIII. of the City Ordinances, the City Clerk submits the following statement of the moneys received by him as fees or otherwise, during the year ending November 30, 1882, viz. :

From Licensed Amusements,	\$632 50
“ “ Auctioneers,	30 00
“ “ Billiard Tables, &c.,	122 00
“ “ Dogs,	1,429 00
“ “ Hacks and Job Wagons,	279 00
“ “ Intelligence Offices,	8 00
“ “ Junk Dealers,	54 00
“ “ Pawnbrokers,	10 00
“ Sale of Ordinances,	2 00
“ Services of Police at Entertainments,	47 25
“ Licenses for Sale of Fireworks,	30 00
Office Fees,	2,020 10
Total, .	<hr/> \$4,663 85

This sum has been paid to the City Treasurer, and receipts taken therefor.

There has been paid to Edward A. Brown, County Treasurer, the sum of \$2,989 20 for dog licenses.

Respectfully submitted.

E. H. TOWNE,

City Clerk.



THE CITY HOSPITAL.

BOARD OF TRUSTEES, 1882.

<i>Alderman</i> —	CHARLES G. REED,	}	Terms expire 1883.
<i>Councilmen</i>	{ FREDERICK W. WARD,		
	{ JAMES C. COFFEY,		
<i>At Large</i> —	ALBERT CURTIS,	Term expires 1883.	
	STEPHEN SALISBURY, Jr.,	" "	1884.
	DR. F. H. KELLEY,	" "	1885.
	DR. JOSEPH SARGENT,	" "	1886.

ORGANIZATION.

<i>President</i> —	DR. F. H. KELLEY.
<i>Secretary</i> —	STEPHEN SALISBURY, JR
<i>Auditors</i> —	{ ALBERT CURTIS.
	{ CHARLES G. REED.

Superintendent and Resident Physician.

DR. CHARLES A. PEABODY.

*Board of Commissioners of the Jaques Fund and other Funds
of the City Hospital.*

ALBERT CURTIS,	Term expires 1883.		
BENJAMIN WALKER,	"	"	1884.
CHARLES B. PRATT,	"	"	1885.

MEDICAL STAFF, 1882.

Consulting Physicians and Surgeons.

Joseph Sargent, M. D.

Thomas H. Gage, M. D.

Oramel Martin, M. D.

Visiting Staff.

Surgeons.

Rufus Woodward, M. D.

George A. Bates, M. D.

J. Marcus Rice, M. D.

Albert Wood, M. D.

Emerson Warner, M. D.

Frank H. Kelley, M. D.

Physicians.

Joseph N. Bates, M. D.

John O. Marble, M. D.

Leonard Wheeler, M. D.

J. Bartlett Rich, M. D.

William H. Workman, M. D.

Wesley Davis, M. D.

Oculist and Aurist.

LEWIS S. DIXON, M. D.

Pathologist.

OLIVER H. EVERETT, M. D.

ORGANIZATION.

President—RUFUS WOODWARD, M. D.

Secretary—CHARLES A. PEABODY, M. D.

Committee on Reports { J. MARCUS RICE, M. D.
EMERSON WARNER, M. D.
ALBERT WOOD, M. D.

Committee of Conference { THOMAS H. GAGE, M. D.
RUFUS WOODWARD, M. D.
LEONARD WHEELER, M. D.

REPORT OF TRUSTEES.

*To the Hon. Elijah B. Stoddard, Mayor, and the City Council
of the City of Worcester:—*

In accordance with the ordinance requiring the Trustees of the City Hospital “annually, in the month of December, to submit to the City Council a report in detail of the expenses incurred for the maintaining and conducting of the City Hospital during the past year,” and an “estimate of the expenses of maintaining and conducting the Hospital for the year ensuing,” with a “report on such matters as they deem proper in reference to the general state of the Institution, with the number of its inmates, the number of admissions and of discharges, and of deaths and births, with such other information as they shall judge to be of public interest,” the Trustees beg leave to present their Twelfth Annual Report for the year ending November 30, 1882.

EXPENSES OF THE YEAR.

The expenses have been,

For Salaries and Pay Roll,	\$4,726 36
“ Groceries and provisions,	3,346 27
“ Furnishings,	1,699 76
“ Medicines and surgical instruments,	833 11
“ Fuel,	1,169 04
“ Gas,	370 82
“ Ice,	154 10
“ Water rates,	73 46
“ Printing and stationery,	130 86
“ Postage, telegrams and express,	44 55
“ Telephone,	46 55
“ Horse and carriage,	400 00
“ Hay and grain,	202 95
“ Blacksmithing,	49 33

For Trucking and hack hire,	31 46
“ Tools and hardware,	64 99
“ Harnesses,	60 15
“ Repairs on Buildings,	1,093 66
“ Traveling Expenses,	34 50
“ Labor with team,	49 60
“ Gas Fixtures,	261 45
“ Concrete walks,	110 95
“ Auctioneer's fees at Jaques mansion,	8 50
“ Rent to Commissioners Jaques Fund,	250 00
Balance of appropriation, paid over to Sinking Fund,	2,638 32
	<hr/> \$17,850 74

This sum was provided for by the appropriation of
\$10,000.00, less the amount transferred to City

Hospital Building, \$238.17,	\$9,761 83
Income from Jaques Fund,	5,442 15
Income from Tenney Fund,	250 00
Articles and material sold,	681 05
Board of paying patients,	1,088 99
Board of State patients,	626 72
	<hr/> \$17,850 74

ESTIMATE OF EXPENSES FOR THE YEAR ENSUING.

For the ensuing year the Trustees assume that several large expenditures of last year, namely, for furnishing, for the horse and carriage, for items under the head of repairs, and for rent, amounting in the aggregate to something more than \$3,400.00, may mostly be avoided. They expect also, under the admirable administration of the Commissioners of the Funds, a large income from this source. These advantages, however, will be offset in a measure by the fact that there will be no material sold. The receipts under this head reached the last year \$681.05. We must consider also, that under the constant increase in the number of patients, the expense of care and maintenance increases constantly. After mature deliberation, the Trustees respectfully suggest that an appropriation of \$8,000.00 added to the income of the Funds, and the other income will probably sustain the Hospital the ensuing year.

"THE GENERAL STATE OF THE INSTITUTION."

The report of our excellent Superintendent, Dr. Charles A. Peabody, which will be presented with this as a part of the Report of the Trustees, presents the general state of the Institution, as required by the Ordinance, in a complete manner.

The number of admissions during the year has been 294, and the whole number treated, 306

The discharges have been 284, and there remained at the close of the year, 22

The number of deaths during the year has been 35, of which nearly one-half died within 24 hours after admission. Sixteen of these deaths were the necessary results of railroad and other accidents.

The number of births during the year was one. This was from a married woman, deserted by her husband, homeless, and actually driven into the street. The present arrangement of the Hospital does not provide for such patients; but humanity will call for such provision in the near future.

The whole number of patients during the year has been as stated, 294; of whom 214 were male and 80 female. The amount of room appropriated, is the same for male and female; and while the male ward has often been crowded, and sometimes overflowing, the female ward has seldom been half filled. This disproportion is an evil in the present condition of the hospital, and will soon require some special provision, probably by the erection of another ward for males.

Early in the year we found it very desirable to isolate some patients, with wounds in such a state of suppuration as to taint the atmosphere of an entire ward, to the great peril of other patients. In making provision for this isolation, we erected a wing which will be the corridor of entrance to an additional ward, and which may also be made now to relieve the crowded state of the male ward when not needed for special purpose. This is but recently completed, and has not yet been occupied.

Of the 294 patients for the year, 253 have been free, and 41 paying; 109 have been American born, and 185 of foreign birth; and of the 109 American born, 37 have been of foreign parentage.

265 have had their residence in Worcester, and 29 in other towns, 4 of these being residents of other States.

The actual cost per week of support of each patient has been \$11.20; which has been about the average weekly expense since the Hospital was opened.

In January last, Dr. Kelley resigned his place on the Consulting Board, which he had held from the opening of the Hospital; and Dr. Martin resigned the place which he had held for a like term on the Active Staff, where he had rendered excellent and faithful service for eleven years. The resignation of both of these gentlemen was accepted; and Dr. Martin was subsequently elected to the Consulting Board, and Dr. Kelley to the Active Staff. No other changes have occurred during the year.

DR. KELLEY.

The sad illness of Dr. Kelley, which is a great public misfortune, is especially an occasion of sympathy and regret to this Board of Trustees. Dr. Kelley was the Chairman, on the part of the City Government, of the Special Committee appointed in 1871 to consider and report upon the expediency of establishing a City Hospital, and was largely instrumental in all the measures adopted for that purpose; and was one of the first Trustees, and has been President of the Board from the commencement. He has given a great deal of the time of the best ten years of his life to this Hospital. His experience, his sound judgment and far seeing wisdom, and his large heartedness, have been of great value to the institution which he has taken so much pleasure in serving. While this Board is pained by his necessary absence from service, they desire to put on record their appreciation of his distinguished merit, and to express their warmest sympathy with him and his family in their great affliction.

The Trustees respectfully suggest to the City Council that it might be an advantage to the Hospital to own and control the small lot of land opposite the front of the hospital, and belonging to the Jaques Estate. This could be purchased of the Commissioners now for about \$1,700.00; and it might be a considerable injury to the hospital to have it occupied by other proprietors.

The City Council will recognize that the sum they would pay for this land will be so much addition to the Jaques Fund, producing an income which would relieve the City by just so much in its necessary annual appropriation.

The New Hospital had already been occupied for two or three weeks at the date of our last Annual Report. All the internal administration has been under the charge of Dr. Charles A. Peabody as Superintendent, and Mrs. Peabody as Matron; and all has been conducted in an admirable manner, to the advantage of the patients, to the entire satisfaction of the Physicians and Surgeons, and to the great relief in care and responsibility of the Trustees. Numerous friends of the Hospital have continued to show their good will by frequent little contributions to the comfort and welfare of the patients. The report of the Superintendent acknowledges these in detail.

The fund from the munificence of our esteemed associate, Mr. Albert Curtis, provides the hospital with new and valuable books of reference, to the great convenience of the medical officers in attendance.

And Mr. Salisbury, Jr., our associate from the beginning, and always our warm and benevolent friend, has added to his former provision for our books and instruments, by presenting us with a large and convenient, and elegant Cabinet for our operating room, which will contain all the Surgical Instruments which we may need for many years.

ACTIVE STAFF.

The physicians and surgeons in immediate charge of the patients, have continued to render their faithful daily services, contributing largely of their valuable time and skill in a manner which deserves the grateful recognition of all our citizens.

After the completion of the hospital buildings, the building Committee, as a Special Memorial to Mr. Jaques, caused to be placed conspicuously in the hall of entrance of the Administration Building, a large and handsome marble tablet, on which is the following inscription from the graceful pen of Mr. J. Evarts Green.

IN MEMORY OF
GEORGE JAKUES,

Born February 18, 1816,

Died August 24, 1872,

Who gave the Site of this Building

to the City of Worcester, for a

Public Hospital, and left most

of his large estate for its support,

a grateful City places

this tablet.

Though it speak to many generations,

the blessings of his gift and

the gratitude of our Citizens

will outlast the Stone.

The new Hospital has now been occupied for more than a year, and we can speak of it as it has proved itself. It is admirably adapted to the purposes for which it was designed. Whatever differences of opinion there may have been, or may still be, with the Trustees, the Physicians, or the Public, as to the preference or propriety of the particular location, all commend it as a most worthy Institution and Memorial. All its sanitary conditions are excellent. From morning to evening it is bathed in the light of the sun, and cleansed by the winds of Heaven.

In behalf, and by order of the Trustees,

JOSEPH SARGENT.

WORCESTER, Dec. 25, 1882.

REPORT

OF THE

SUPERINTENDENT AND RESIDENT PHYSICIAN.

To the Trustees of the City Hospital :—

GENTLEMEN :—I respectfully submit the following Annual Report of the work of the City Hospital.

NO. OF PATIENTS IN THE HOSPITAL DEC. 1, 1881.

Males,	9	Females,	3	Total,	12
Medical,	4	Surgical,	8		
Paying,	2	Free,	10		

ADMITTED FROM DEC. 1, 1881, TO DEC. 1, 1882.

Males,	214	Females,	80	Total,	294
Medical,	137	Surgical,	157		
Paying,	41	Free,	253		
Accidents,	87	Births,	1		

TREATED DURING THE YEAR.

Males,	223	Females,	83	Total,	306
Medical,	141	Surgical,	165		
Paying,	43	Free,	263		

DISCHARGED DURING THE YEAR.

Males,	207	Females,	77	Total,	284
Medical,	134	Surgical,	150		
Paying,	42	Free,	242		

REMAINING NOVEMBER 30, 1882.

Males,	16	Females,	6	Total,	22
Medical,	7	Surgical,	15		
Paying,	1	Free,	21		

For pay patients, the rate per week has varied from \$1.00 to \$14.00; the average being \$7.83.

Largest number in Hospital, 30; smallest, 8; daily average, 19.43; males, 12.23; females, 7.20; average time, 23.3 days; pay patients, 25.9; free, 20.7.

CONDITION OF THOSE DISCHARGED.

Well,	173	Not Treated,	14
Relieved,	52	Eloped,	4
Not Relieved,	6	Died,	35

Cause of Death :—Accident, 16; typhoid fever, 4; phthisis, 3; bronchitis, 3; pneumonia, cerebro-spinal meningitis, diarrhœa, 2 each; alcoholism, apoplexy, heart disease, 1 each.

Death Rate :—11.43. Nearly one-half the deaths occurred within 24 hours after admission.

RESIDENCE OF PATIENTS ADMITTED.

Worcester,	265
Other Towns in Massachusetts,	25
Other States,	4
	— 294

BIRTHPLACE.

	Males.	Females.	Total.
Worcester,	26	3	29
Other Towns,	24	16	40
Other States,	27	13	40
			— 109
Ireland,	92	30	122
Great Britain,	13	2	15
British Provinces,	13	5	18
Other Countries,	19	11	30
			— 185

OCCUPATION.			
MALES.		FEMALES.	
Laborers,	98	Domestics,	28
Mechanics,	38	Housekeepers,	34
Teamsters,	9	Nurses,	5
Minors,	9	Operatives,	4
Bootmakers,	8	Seamstresses,	3
Hostlers,	6	Cooks,	2
Weavers,	6	Copyist,	1
Painters,	6	Minor,	1
Farmers,	5		
Bakers,	4		
Canvassers,	3		
Barbers,	3		
Operatives,	3		
Dyers,	2		
Tailors,	2		
Clerks,	2		
Brakemen,	2		
Paver,	1		
Nurse,	1		
Hack Driver,	1		
Waiter,	1		
Currier,	1		
Bricklayer,	1		
Rag Picker	1		
Confectioner,	1		

CIVIL CONDITION.			
MALES.		FEMALES.	
Single,	130	Single,	35
Married,	60	Married,	24
Widowers,	24	Widows,	21

FREE PATIENTS.		
City,		128
Other Towns,		26
State,		99

—253

ADMISSION REFUSED.			
Puerperal,	5	Typhoid Fever,	1
Rheumatism,	4	Paralysis,	1
Phthisis,	4	Senile Gangrene,	1
Asthma,	3	Chronic Ulcer,	1
Debility,	3	Cancer,	1
Insanity,	2	Psoriasis,	1
Venereal Disease,	2	Scarletina,	1
Ophthalmia,	2	Measles,	1
Bronchitis	1		—
			34

In reference to the foregoing tables there are a few points to which I desire to call attention.

Before coming to its new and permanent quarters, the Hospital had passed the first decade of its existence. During that time 2,036 cases of injury and disease had been treated, with, on the whole, very satisfactory results; the average death rate for that time being not far from that of the best large hospitals.

The new buildings have now been occupied a year. In that time the work of the Hospital has been larger than ever before, and for a considerable part of the time the male ward has been crowded to overflowing. The number of patients treated, the number of serious accidents received, and the number of deaths have all been largely in excess of the record of any previous year; the deaths from accidents being more than twice as many as in any other year since 1873.

The death rate for the first ten years was 8.99, or omitting the deaths from accident, 6.33. The death rate for the past year was 11.43, or omitting the deaths from accident, 6.20.

It will be seen that a few accidents, more or less, may affect the figures a good deal in a hospital no larger than our own; but there are other causes, such as apoplexy, poisoning, or mortal illness which have the same effect; and this year we have had an unusual number of desperate cases both of accident and disease. Four-fifths of all the deaths followed as a matter of course from the condition of the patients on admission: they had the seal of death upon them before they saw the Hospital, and some of them had hardly entered its doors before they breathed their last.

If we deduct these hopeless cases from the whole number of patients admitted and compute the mortality rate from the figures that remain, we find it to be 2.5 per cent.—a favorable showing. But figures alone cannot demonstrate the benefits of the Hospital; they can but indicate, in a general way, the facts that the patients are well cared for and that the sanitary condition of the Hospital is good.

It will be noticed that the number of male patients is much larger than the number of females—nearly 3 to 1—while the

number of our beds has been the same for men as for women. Our male ward has been much crowded and, not only this, we have had no means of separating surgical from medical cases as is very desirable. The few additional beds which the new isolating pavilion gives us will be useful for male patients, but it cannot be long before another ward will be urgently needed.

Several applications for the admission of lying-in women have been refused. We have, as yet, no accommodations provided for such patients. Some provisions might be made by erecting a separate building for that special purpose; but, situated as we are now, if such a patient should come here it would involve the imminent risk of her own life, and also the danger of her becoming the centre of a contagion that might infect the whole Hospital. The number of such cases in the City for which something must be done by somebody (and the story is sometimes very distressing) is already very considerable, and is increasing year by year.

The proportion of paying-patients has been about the same as in previous years; the free patients, for whom especially the Hospital was established, being, as usual, much the more numerous. Of the males 44 per cent. were laborers, and of the females 35 per cent. were domestics. The greater part of these had been in the country but a short time, and very few of them were able to pay anything. A few free patients had settlements in other towns, but a large number were chargeable to the State which made its usual contribution towards their support. Other towns were charged at the rate of \$10.00 per week, which is something less than the cost of each patient to the Hospital.

During the year many friends have, in various ways, shown their interest in the Hospital. The box which some months ago was placed in the Union Depot for the collection of newspapers, etc., has been of much service in supplying reading matter for our patients. Illustrated papers and magazines, and books of easy reading are much appreciated by convalescents. A well selected library for patients, with a fund to keep it in good condition would be useful.

In conclusion, I desire to express my appreciation of the help and confidence which I have received from your Board. I am

under obligation in many ways to my predecessor, Dr. Rich, who gave several years of faithful service to the Hospital, and who still takes a lively interest in its success. I wish, also, to make favorable mention of the employés whose faithfulness, and interest in their work are worthy of praise.

Appended to this report are the usual tables of "Cases treated and their results," and the list of donors.

CHAS. A. PEABODY,

Superintendent and Resident Physician.

December, 1882.

*Cases treated and their Results, from December 1, 1881, to
December 1, 1882.*

MEDICAL.

DISEASES.	In Hosp. Dec. 1, 1881.	ADMITTED.			DISCHARGED.							In Hosp. Dec. 1, 1882.	
		Males.	Females.	Total.	Well.	Much relieved.	Relieved.	Not relieved.	Not treated.	Eloped.	Died.		Total.
Acne.		1	..	1	1		..	..	..	..	..	1	..
Albuminuria . . . . .		..	1	1	..	..	1	..	..	..	..	1	..
Alcoholism		10	1	11	9	1	1	..	..	..	..	11	..
Amenorrhœa . . . . .		..	1	1	1	..	..	..	..	..	..	1	..
Apoplexy		1	..	1	..	..	..	..	..	..	1	1	..
Asthma		1	..	1	1	..	..	..	..	..	..	1	..
Brochitis.		10	2	12	8	2	..	..	..	..	2	10	..
Cancer of Stomach		1	..	1	..	..	..	1	..	..	..	1	..
Cardiac Disease (Valvular)		2	..	2	..	..	2	..	..	..	..	2	..
Cellulitis (Pelvic) . . . . .		..	1	1	1	..	..	..	..	..	..	1	..
Cephalalgia		4	..	4	2	1	1	..	..	..	..	4	..
Cerebro-Spinal Meningitis		3	..	3	..	..	1	..	..	2	..	3	..
Colic, renal		1	..	1	1	..	..	..	..	..	..	1	..
Debility	2	2	7	11	6	2	1	..	1	..	..	10	1
Diarrhœa		2	..	2	..	..	..	..	..	2	..	2	..
Dysentery . . . . .		..	1	1	1	..	..	..	..	..	..	1	..
Dyspepsia		2	1	3	2	..	..	1	..	..	..	3	..
Enteritis . . . . .		..	1	1	1	..	..	..	..	..	..	1	..
Exposure to Cold		1	..	1	1	..	..	..	..	..	..	1	..
Febricula		1	1	2	2	..	..	..	..	..	..	2	..
Fever (Intermittent)		6	1	7	7	..	..	..	..	..	..	7	..
Fever (Typhoid)	1	13	5	19	12	..	..	..	..	4	..	16	3
Gastritis . . . . .		..	1	1	1	..	..	..	..	..	..	1	..
Hemiplegia.		1	..	1	..	1	..	..	..	..	..	1	..
Hemoptysis		3	..	3	..	1	1	..	..	..	..	2	1
Jaundice		1	1	2	1	..	..	..	..	1	..	2	..
Locomotor Ataxy		1	..	1	..	..	..	1	..	..	..	1	..
Malingoring		2	..	2	..	..	..	2	..	..	..	2	..
Neuralgia		2	..	2	..	1	1	..	..	..	..	2	..
Opium Poisoning		1	..	1	1	..	..	..	..	..	..	1	..
Pericarditis		1	..	1	..	..	..	..	..	1	..	1	..
Peritonitis . . . . .		..	1	1	1	..	..	..	..	..	..	1	..
Phthisis		3	2	5	..	2	1	..	..	2	..	5	..
Phthisis (Acute)		1	..	1	..	..	..	..	..	1	..	1	..
Pneumonia	1	6	2	9	5	..	..	..	..	3	..	8	1
Pregnancy . . . . .		..	1	1	1	..	..	..	..	..	..	1	..
Rheumatism		17	4	21	17	2	1	..	..	..	..	20	1
Tonsillitis . . . . .		..	1	1	1	..	..	..	..	..	..	1	..
Varioloid		1	..	1	..	..	..	1	..	..	..	1	..

SURGICAL.

DISEASES.	In Hosp. Dec. 1, 1881.	ADMITTED.			DISCHARGED.							In Hosp. Dec. 1, 1882.	
		Males.	Females.	Total.	Well.	Much relieved.	Relieved.	Not relieved.	Not treated.	Eloped.	Died.		Total.
Abscess	3	5	8	6	1	1	.	.	.	.	8	..
Bunion	1	.	1	1	.	.	.	.	.	.	1	..
Cellulitis	1	.	1	1	.	.	.	.	.	.	1	..
Cancer of Breast	7	7	5	.	.	.	2	.	.	7	..
Cancer of Jaw	2	2	1	.	.	.	.	.	.	1	1
Cyst of Labium	1	1	1	.	.	.	.	.	.	1	..
Cystitis	1	.	1	1	.	.	.	.	.	.	1	..
Contracted Tendon	2	1	3	2	.	.	1	.	.	.	3	..
Eczema	1	.	1	1	.	.	.	.	.	.	1	..
Epithelioma	3	.	3	3	.	.	.	.	.	.	3	..
Fistula in Ano	1	.	1	1	.	.	.	.	.	.	1	..
Gangrene, Senile	1	.	1	.	.	.	1	.	.	.	1	..
Hernia	1	.	1	.	.	.	1	.	.	.	1	..
Hernia Strangulated	2	.	2	2	.	.	.	.	.	.	2	..
Keloid of Ear	1	1	1	.	.	.	.	.	.	1	..
Necrosis	2	2	4	2	.	.	.	1	.	.	3	1
Ophthalmia	1	.	1	1	.	.	.	.	.	.	1	..
Poisoned Wound	1	.	1	.	.	.	.	.	.	.	.	1
Pyæmia	1	.	1	1	.	.	.	.	.	.	1	..
Tumor of Stump	1	.	1	.	.	.	1	.	.	.	1	..
Tumor, Cystic of Thigh	1	.	1	1	.	.	.	.	.	.	1	..
Tumor, Sebaceous	3	3	.	2	.	.	1	.	.	3	..
Ulcer, Chronic	2	7	9	7	.	.	.	.	.	.	.	2
Ovarian Dropsy	1	1	.	1	.	.	.	.	.	1	..
INJURIES.													
Bruises	8	1	9	4	2	.	.	2	1	.	9	..
Burns	2	4	2	8	4	1	.	.	.	.	1	6	2
Burns, Powder	1	.	1	1	.	.	.	.	.	.	1	..
Concussion of Spine	1	.	1	1	.	.	.	.	.	.	1	..
Fracture, Jaw	1	.	1	1	.	.	.	.	.	.	1	..
Fracture, Base of Skull	2	.	2	.	.	.	.	.	2	.	2	..
Fracture, Collis	1	1	2	2	.	.	.	.	.	.	2	..
Fracture, Humerus	2	.	2	1	.	.	.	.	.	.	1	1
Fracture, Fibula	1	.	1	.	.	.	.	.	.	.	.	1
Fracture, Fibula, double	1	.	1	1	.	.	.	.	.	.	1	..
Fracture, Tibia and Fibula	1	1	.	2	1	.	.	.	.	.	.	.	1
Fracture, Femur	2	.	2	1	.	.	.	.	.	.	.	1
Fracture, Femur, Neck of	1	1	1	.	.	.	.	.	.	1	..
Fracture, Clavicle	2	.	2	.	2	.	.	.	.	.	2	..
Fracture, Clavicle and Ribs	2	.	2	1	.	1	.	.	.	.	2	..
Fracture, Ribs	1	1	.	2	1	1	.	.	.	.	.	2	..
Fracture, Vertebrae	2	.	2	.	.	.	.	.	2	.	2	..
Fracture, Compound of Skull	1	.	1	.	.	.	.	1	.	.	1	..

SURGICAL.—Continued.

INJURIES.	In Hosp. Dec. 1, 1881.	ADMITTED.			DISCHARGED.								In Hosp. Dec. 1, 1882.
		Males.	Females.	Total.	Well.	Much relieved.	Relieved.	Not relieved.	Not treated.	Eloped.	Died.	Total.	
Fracture, Comp. and Commin.
Fracture, Comp. of Radius and Ulna	1	.	1	.	1	.	.	.	.	.	1	.
Fracture, Comp. of Humerus.	2	.	2	1	.	.	.	.	.	1	.	.
Frac., Comp. of Tibia and Fibula	5	.	5	2	.	.	.	.	.	3	5	.
Fracture, Comp. of Femur	2	.	2	1	.	.	.	.	.	1	2	.
Fracture, Comp. of Phalanges	3	.	3	2	.	.	.	.	.	.	.	1
Fracture, Ununited of Arm	1	.	1	.	.	.	.	.	.	.	.	1
Dislocation of Shoulder	3	.	3	3	.	.	.	.	.	.	3	.
Injury to Eye	2	.	2	2	.	.	.	.	.	.	2	.
Injury to Hand	1	.	1	1	.	.	.	.	.	.	1	.
Injury to Foot	1	3	.	4	2	.	1	.	.	.	.	3	1
Injury to Knee	2	1	1	4	1	2	.	.	.	.	.	3	1
Injury of Hip	2	.	2	1	.	.	.	.	1	.	2	.
Injuries, multiple	1	5	1	7	1	1	.	.	.	.	5	7	.
Laceration Corvix Uteri	1	1	.	.	.	.	.	1	.	1	.
Pistol Shot Wound	2	.	2	1	.	1	.	.	.	.	2	.
Rupture of Perinæum	2	2	1	1	.	.	.	.	.	2	.
Rupture of Urethra	1	.	1	1	.	.	.	.	.	.	1	.
Sprain	5	2	7	3	1	2	.	1	.	.	7	.
Stab of Neck	1	.	1	1	.	.	.	.	.	.	1	.
Subluxation of Knee	1	.	1	1	.	.	.	.	.	.	1	.
Thrombus of Vulva	1	1	1	.	.	.	.	.	.	1	.
Wound of Face	2	.	2	1	.	1	.	.	.	.	2	.
Wound of Leg	4	.	4	2	2	.	.	.	.	.	4	.
Wound of Lungs	1	.	1	.	.	.	.	.	1	.	1	.
Wound of Scalp	3	.	3	1	2	.	.	.	.	.	3	.
Wound, lacerated of Axilla	1	.	1	1	.	.	.	.	.	.	1	.
Wound, lacerated of Hand	2	.	2	1	.	1	.	.	.	.	2	.
Wound, lacerated of Arm	1	.	1	1	.	.	.	.	.	.	1	.
Total Medical Cases	4	101	36	141	84	13	9	3	5	1	19	134	7
Total Surgical Cases	8	114	43	165	91	20	7	3	10	3	16	150	15

DONATIONS.

December, 1881. Dr. J. F. Adams, crutches; Mrs. Wingate, pieces; Mrs. A. K. Colton, pieces; Miss Sarah Eaton, sheets and pieces; Mrs. Foster, pieces; Mrs. A. Marsh, pieces; Mrs. Dr. Workman, pieces; Mrs. A. Waites, pieces; Mrs. Blanchard, pieces; Mrs. Chas. Rugg, pieces; Y. M. C. A., reading matter; Miss Valentine, Christmas cards.

January, 1882. Mr. S. Salisbury, Jr., linen; Mrs. J. S. Barnes, pieces; Mrs. J. Henry Hill, papers; Mrs. H. C. Fish, pieces; Mrs. S. B. Earle, pieces; Mrs. J. R. Marble, pieces; Mrs. A. E. Wilson, pieces; Mrs. P. T. Wingate, pieces; Continental Hotel, shirt and pieces; Mr. Salisbury, shirts; Mrs. Hiram Fobes, sheets and linen; Mrs. C. M. Foster, pieces; Mrs. Thomas Gill, pieces; E. O. Parker, pieces; Members of City Council, pieces.

February. Mr. Converse, clothing; Mrs. Geo. W. Gill, pieces; Mrs. Edward Earle, pieces; Miss M. C. Allen, Atlantic Monthly 1 year; Misses Barber, pieces; Mrs. Watson, of Leicester, pieces; Mrs. Annis, pieces.

March. W. H. Newton, pieces; Mrs. G. W. Mathews, pieces; Mrs. Mozart Colburn, pieces; Mrs. Henry A. Denny, scrap book; Friend, 2 shirts.

April. Y. M. C. A., papers; Mrs. W. A. Williams, linen and pieces; Mrs. Barker, piece; Mrs. C. B. Pratt, papers; Mr. David Whitcomb, invalid bed; Dr. F. H. Kelley, skeleton and splints; Ada Drennan, bouquets of arbutus; Mrs. J. H. Walker, papers.

May. Mrs. A. Parker, pieces; Mrs. Phelps, pieces.

June. Mrs. Gill, pieces; Mrs. Harrington, pieces; Church Flower Mission, flowers every week; City Flower Mission, flowers every week.

July. N. Harkness, papers; Mrs. J. J. Bigelow, 1 dozen shirts; Mrs. J. R. Peirce, shirts and papers; Mrs. C. M. Cotter, pieces; Mrs. Davidson, pieces; Mrs. J. L. Holmes, wrappers and pieces; H. B. Otis, 25 fans; Dr. C. B. Robbins, surgeon's plaster; Mrs. Roundy, pieces; Mrs. J. D. Partridge, wrappers; Miss H. Gibbs, pieces; City Flower Mission, shirts; Mrs. Hixon

and Mrs. Brooks, flowers ; City Flower Mission, flowers every week ; Church Flower Mission, flowers every week.

August. Mrs. A. M. D. Taylor, pieces ; Mrs. Whittaker, pieces ; Sarah G. Partridge, pieces ; Mr. F. W. Ward, pieces ; Mr. Thorndike, shirts and socks ; Church Flower Mission, flowers every week : City Flower Mission, flowers every week.

September. Mr. S. Salisbury, Jr., shirts ; Mr. Sewell Holbrook, pieces ; Mrs. Bartlett, shirts and papers ; Mr. J. H. Rouse, magazines.

October. Miss M. G. Stoddard, pieces ; Mr. Fanning, shirts ; Mrs. C. A. Thompson, pieces ; Mrs. Chas. Cawood, pieces.

November. Mrs. Thompson, Princeton, shirts and pieces ; Mr. S. Salisbury, Jr., house plants ; Mrs. Geo. C. Rice, pieces ; Mrs. Henry Denny, pieces ; Mrs. Putnam, pieces ; Mrs. Morgan, shirts and pieces ; Mr. Clarendon Harris, shirts and sheets ; Mrs. Palmer, pieces ; Mr. Chas. N. Scott, magazines ; Mrs. H. D. Hatch, magazines ; Publishers of the *Daily Spy*, a copy of the *Spy* during the year ; Publishers of the *Evening Gazette*, a copy of the *Gazette* for the year ; Dr. R. Woodward, books.

During the year many bundles of old linen and cotton pieces have been received from unknown donors : such contributions are gratefully received, and are always very useful. They may be left at the Hospital, or with the City Messenger, No. 1 City Hall.

REPORT OF THE COMMISSIONERS

OF THE

JAQUES FUND AND OTHER FUNDS

OF THE CITY HOSPITAL.

WORCESTER, Mass., Jan. 1, 1883.

To the Honorable City Council :

In compliance with the provisions of the City Ordinances governing this Commission, the undersigned beg leave to present the following report of their doings in and about the several funds in their hands for the financial year ending November 30, 1882 :

Balance on hand Dec. 1, 1881,	\$82,885 82
Receipts to Nov. 30, 1882, inclusive,	50,865 76
	<hr/>
Total,	\$133,751 58
Payments to Nov. 30, 1882, inclusive,	5,913 22
	<hr/>
Balance, Nov. 30, 1882,	\$127,838 36

The several investments and cash balances belonging to the different funds have been carefully examined by the undersigned and found to be properly accounted for. In calling attention to the exceptionally large receipts of the year the undersigned beg to express their appreciation of the courtesy of the City Council of 1882 in promptly responding to their request for the payment,

by the city, of the sum of \$23,400, it being the amount due, as forfeiture, under provisions of the Jaques "deed of gift," so called, dated March 12, 1872.

Sundry statements, prepared by the treasurer of the Board, showing, in tabular form, and in detail, the condition of the several funds, accompany this report and make a part thereof.

BENJ. WALKER,
ALBERT CURTIS,
CHAS. B. PRATT,

Commissioners of the Jaques Fund, and other Funds of the City Hospital.

*To the Commissioners of the Jaques Fund, and other Funds
of the City Hospital:*

GENTLEMEN:—The undersigned respectfully presents the following statements, covering all cash transactions on account of the several hospital funds, for the financial year ending Nov. 30, 1882:

STATEMENT OF THE FUNDS.

No.	TITLE OF FUND.	Amount Dec. 1, 1881.	Receipts during year.	Total.	Paym'ts during year.	Balances Nov. 30, 1882.
1	Geo. Jaques Hospital Fund,	\$74,929 38	\$50,444 00	\$125,373 38	\$5,602 72	\$119,770 66
2	Isaac Davis " "	1,754 56	110 57	1,865 13		1,865 13
3	Albert Curtis " "	1,033 87	40 66	1,074 53	60 50	1,014 03
4	John B. Shaw " "	168 01	20 53	188 54		188 54
5	Jos. A. Tenney " "	5,000 00	250 00	5,250 00	250 00	5,000 00
	Totals,	\$82,885 82	\$50,865 76	\$133,751 58	\$5,913 22	\$127,838 36

INVESTMENTS AND BALANCES.

No.	First Mortgages on Real Estate.	Stock in National Bank.	Bond of R. R. Co.	Deposits in Savings Bank.	Cash on Deposit.	Balances Nov. 30, 1882.
1	\$105,900 00	\$1,500 00			\$12,370 66	\$119,770 66
2			\$1,000 00	\$865 13		1,865 13
3				1,000 00	14 03	1,014 03
4				188 54		188 54
5	5,000 00					5,000 00
	\$110,900 00	\$1,500 00	\$1,000 00	\$2,053 67	\$12,384 69	\$127,838 36

STATEMENT OF RECEIPTS.

No. 1.	Cash balance, Dec. 1, 1881,	\$1,158 82
	Allowance by city on account of forfeiture under provisions of the Jaques Deed of Gift . . .	\$23,400 00
	Proceeds of sales of real estate, viz: 14 parcels containing 146,776 square feet of land . . .	20,930 99
	Partial payment on account of land bargained for . . .	200 00
	Proceeds of old buildings, etc., sold at auction . . .	468 90
	Proceeds of cellar wall, fences and sundries . . .	170 00
	Interest on notes secured by mortgage	4,494 65
	Interest on account of agreements for sale . . .	29 53
	Interest on National Bank Deposits	333 00
	Interest on Savings Bank Deposits	3 33
	Dividends on Bank Stocks	85 00
	Rents of Hospital Estate, Wellington Street . . .	250 00
	Bank Tax, refunded by Commonwealth	28 60
		<hr/>
		\$51,602 82
No. 2.	Interest on Railroad Bond	80 00
	Interest on Savings Bank deposit	30 57
		<hr/>
		\$110 57
No. 3.	Interest on Savings Bank deposits	40 66
	Withdrawn from investment account	33 87
		<hr/>
		\$74 53
No. 4.	Interest on Savings Bank deposits	6 53
	Rent of Shaw Estate, Salem Street	14 00
		<hr/>
		\$20 53
No. 5.	Interest on mortgage note	250 00
		<hr/>
		\$250 00
		<hr/>
	Total	\$52,058 45

STATEMENT OF PAYMENTS.

No. 1.	Services of Auctioneer	\$11 00
	Dividing old buildings	15 00
	Surveying and preparing plans	34 57
	Salary of Treasurer	100 00
	Net income, paid into City treasury	5,442 15
		<hr/>
		\$5,602 72

CITY HOSPITAL.

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No. 3. Sundry medical books, etc	60 50	
	<hr/>	
		\$60 50
No. 5. Net income, paid into City treasury	250 00	
	<hr/>	
		250 00
		<hr/>
		\$5,913 22
Transferred to Investment account, viz: No. 1.	\$45,169 89	
	No. 2.	110 57
	No. 4.	20 53
	<hr/>	
		\$45,300 99
Balances, cash on deposit, as follows, viz: No. 1.	\$830 21	
	No. 3.	14 03
	<hr/>	
		844 24
		<hr/>
Total		\$52,058 45

WM. S. BARTON,

*Treasurer.**Worcester, Mass., Dec. 1, 1882.*



PUBLIC GROUNDS.



ANNUAL REPORT

OF THE

COMMISSION

OF

PUBLIC GROUNDS.

To the Honorable CITY COUNCIL :

A "Report of their acts and doings, of the condition of the Public Grounds and Shade Trees thereon and on said Streets and Highways, and an account of Receipts and Expenditures for the same"—during the official year that ended on the Thirtieth (30th) day of November, A. D. 1882, is herewith submitted as required by the Twenty-First (21st) section of the municipal Charter :

COMMISSION OF PUBLIC GROUNDS,

In account with the

CITY OF WORCESTER,

Cr. :

By Appropriation,	\$6,000 00
Grass, sale of	50 00
	<hr/>
	\$6,050 00

Per contra, Dr. :

Human labor (regular),	\$2,254 70
Human and animal labor (special),	236 00
Shade-trees, and planting same,	1,237 58
Tree-guards, and setting same,	569 25
Manure and loam,	479 75
Seeds (grass, &c.),	36 00

Printing Reports, &c.,	49 81
Freight, trucking, and express,	11 12
Advertising, stationery, and stamps,	29 25
Re-tracing map and surveying for shade-trees,	30 55
Carpentry and lumber,	22 05
Hardware, tools, and repairing same,	116 51
Stone,	202 69
Blacksmith,	7 35
Shrubs, plants, &c.,	328 60
Grain and food for water-fowl,	13 00
Settees for Common and Elm Park,	218 50
Painting bridges, tool-house; and paints and oil,	37 93
Water Department,—drinking fountains and labor on same,	89 03
Frame and glass for map of Elm Park,	13 75
Paving—after shade-trees,	45 25
Water-Fowl,	10 00
	<hr/>
	\$6,038 67
Remaining unexpended and therefore “sunk,”	\$11 33

The COMMISSION have no sources of revenue. Formerly, the Circus, or Menagerie, occupied the vacant and unimproved territory, in either of the Public Grounds; at times submerging a Buffalo; and anon, leaving for a fragrant memento of their visit, an Anaconda which had “shuffled off its mortal coil.” But those days of free tickets and dire tribulation have departed forever. A little grass can be sold, just now, to eke out the hire of tip-carts; but the growth of trees and flowering shrubs will soon cut off that restricted income, as the mowing machine cannot be employed and it will not pay to make use of the scythe.

Meanwhile, novel outlays become inevitable, as improvement advances. There are (the COMMISSION have never computed with exactness),—? rods in length, of Foot-Walks across the *Common*, which must be kept clear, by the use of shovels, after the plough has gone ahead. The gutters require to be opened frequently, since their declivity is necessarily slight and the melting snow congeals at the first fall in temperature. The ice must be cut away, or kept sanded: otherwise the free and independent citizen, who endured with passive meekness the mud

and slosh through which he was wont to wade, before the COMMISSION took the *Common* in hand, will complain that he has stubbed his toe against an iceberg as big as a buck-shot! or has slipped up, *gratis*, when he might have seen stars, at the regular tariff, from the polished floor of the Rink. These expenses, taken separately, are not so very large. But, in the aggregate, they count up. And they have, at any rate, to be deducted from the sum total of an appropriation which, if it is more considerable than of yore, has been by no means augmented in anything like the proportion with which it is subjected to demands and drawbacks.

This Report would be sadly deficient, were it to omit an especial tribute of gratitude to a few, among the many, whose co-operation has essentially facilitated the work and aided to achieve the plans of the COMMISSION. Prominent among them all may be named the long-time *Councilman*—now *Alderman*—Athy. The practical advice of Admiral? Jeremiah J. O'Leary; with his generous gift of the best boat that ever floated in *Elm Park*; cannot be too cordially acknowledged. With the writer, he believes that healthy exercise and enjoyment should be limited to no one section of the City: and, as the COMMISSION ever advocate the complete development and use of *Lake Quinsigamond*, so the veteran Oarsman would adapt the charming, and secure because shallow, Pools, in the *Park*, to juvenile, even maidenly, practice and perfection. *Commissioner Hall*, of the Water Department, has laid the COMMISSION OF PUBLIC GROUNDS under particular obligations. His advice has been freely bestowed,—never obtruded; and his aid was cheerfully rendered when any thing could be done by him, without prejudice to the interests under his charge, that would advance the work of improvement upon the Public Grounds. Where so many have acted kindly and well; whose courtesy and willing zeal it would be impossible to detail; it surely cannot be invidious to specify assistance so gladly extended as to challenge comparison. The *Chairman* must also confess his individual indebtedness to *Mr. Samuel Woodward*, of the *Sinking Fund Commission*, for facilities of conveyance in unavoidable tours of inspec-

tion, when a prudent economy enforced pedestrianism upon himself. He appreciates the loan, without charge, of a judgment usually clear wheresoever else might be spells of official doubt or perplexity: and is grateful for an interest and encouragement the more prized that it never flagged nor failed.

There are drawbacks to all pursuits; there are hindrances in plenty to the discharge of every duty, however humble: and therefore hearty accord and co-operation are valued in proportion as they are genuine. If this COMMISSION have accomplished aught in the aim and effort to develop and adorn the city of their birth and affection, a large portion of the credit must be awarded to those, whose words and acts of good cheer have confirmed the heart when it was faint, or strengthened the purpose that might, otherwise, have become infirm. Much of this should have been stated in former Reports. Had it been deferred longer, the COMMISSION would have become bankrupt beneath the onerous load of obligations that, from their very nature, are alike impossible to compute or repay. To stop the interest and reduce the principal of debts for which they are never dunned; but which are the more burdensome, since the trust involved no surety of repayment; an honest confession is introduced, thus early, by the COMMISSION, for the good of their individual souls.

The tract of land somewhat turgidly dubbed *Central Park*, in a moment of official hindsight; but, throughout all time past and to come, popularly known as the *Common*; is surrounded by Public Streets. It is obviously conspicuous from every side. It is of course competent for the second City in the Commonwealth to lay itself bare by absolute nakedness, and poverty of appearance. But this COMMISSION have never thought taxation so grinding (and it presses as heavily upon themselves as others), that it would repay the People to repel visitors. Those who do not like us, at first sight, may never seek or accept a second interview. The faith of the COMMISSION is in the attraction of gravitation. Knowing that their fellow-citizens have ever kept far in advance of the City Hall, in the appreciation of civic adornment or rural beauty; whether as means to an end or an

end desirable in itself; the COMMISSION have always advised that the neat and substantial Kerb, defining the southern boundary of the COMMON, should be protracted along its other faces, as convenience served and a wise economy allowed. So that when it had been decided no longer to procrastinate the paving of Front Street, it appeared to be merely a careful prevision to submit the following:—

COMMISSION OF PUBLIC GROUNDS,

Worcester, Massachusetts,

June 26, A. D. 1882.

To the Honorable

CITY COUNCIL.—

The COMMISSION OF PUBLIC GROUNDS would respectfully represent to the *Honorable Council* that the occasion, and opportunity, for a decided improvement to the appearance of the COMMON; in the view of our citizens, and as it may be presented to the “stranger within our gates;” so often anticipated in the Annual Reports of the COMMISSION; are at hand and inevitable.

The Kerb, on the Northerly line of the COMMON, is unsightly and insufficient. A new pavement is to be laid down in Front Street; and a new grade should be established. It is believed that the City Engineer concurs with this COMMISSION in the conviction that a change in the Kerb might be effected,—an amendment of grades achieved,—the public taste conciliated,—and the common interest promoted.

For the COMMON is, and must continue, conspicuous: and its deficiencies will ever be more obvious than its merits; insomuch as the penurious, who are also the censorious, never fail to multiply their kind, however so much otherwise they may begrudge, or neglect to spend!

In any substitution, the old Kerb would be of essential value elsewhere.

The COMMISSION OF PUBLIC GROUNDS submit the whole matter to the *Honorable Council*, in the belief that if anything is ever to be done in the premises, now is the time to make seasonable provision. And in the full assurance that it would be poor economy, with an improvement of conceded necessity and utility; along a thoroughfare, and PUBLIC GROUND, indispensable for the myriad uses of display and parade in this Central City; to omit, or postpone action, because that municipal demand may have exceeded its resources; or this civic want exacts an undue proportion of the general levy.

In behalf of the COMMISSION,

EDWARD WINSLOW LINCOLN,

Chairman.

That communication was referred to the Joint Standing Committee on Highways and Sidewalks which, taking ample time for

consideration and pushing the paving of the roadway meanwhile, finally reported on the 24th of November ult.,—

“That, in the judgment of the Committee, it is inexpedient to act.”

The inexpediency was palpable and visible when that Report was signed and submittted. But, upon June 26th, the date of the note from this COMMISSION, the actual resources of the Highway Department were somewhat as follows:—

Appropriations (general),	\$94,000 00
(Construction),	25,000 00
Summer Street,	75,000 00
	<hr/>
	\$194,000 00

The poverty of that Committee was subsequently alleviated to the tune of “Revenue,” in this wise:

	\$43,574 63
	7,417 50
	<hr/>
	50,992 13
	<hr/>
Total,	\$244,992 13

An aggregate which admitted of the putting down a Kerb along both sides of Summer *Street*, from end to end. It is not too much to claim that, where one person passes beneath the chilly retaining wall of the Asylum for Chronic Insane, at least fifty enjoy the bright sunlight upon the North walk of the COMMON. It may not matter, for the ultimate growth and improvement of Worcester, whether it exposes its weekly wash or puts its best foot foremost. But, as to that, the COMMISSION OF PUBLIC GROUNDS and the Joint Standing Committee on Highways and Sidewalks, are widely at variance.

The COMMISSION OF PUBLIC GROUNDS are obliged to decide upon a variety of questions, each successive year, as they arise, or are referred to them, that exact no little time and reflection. Hitherto,—their final judgment has commanded the approval of their fellow-citizens;—the sole reward that is desired or that

could be acceptable. A notable example is furnished, in the matter of a Petition to the *City Council* for a Fence around the Soldiers-Monument upon the COMMON:—a matter that would seem to be directly embraced within the jurisdiction of the COMMISSION, and which was therefore referred to it by the *Honorable COUNCIL*. The determination of the COMMISSION, as set forth at length in an official note, is inserted here for its more permanent record: a hasty publication, in the contemporary press, being sometimes evasive, and its logic more often elusive:

COMMISSION OF PUBLIC GROUNDS.

Worcester, Mass., September 4, A. D. 1882.

To the Honorable

CITY COUNCIL.—

A Communication to the *Honorable COUNCIL*, signed

THEO. M. REMINGTON, *Commander*,
 DANIEL E. DENNY, *Vice-Commander*,
 W. W. SCOTT, *Junior Vice-Commander*,

setting forth that as “a Committee appointed by Post 10, G. A. R.,” they “desired a hearing” by your Honorable Body; and further representing that the subject matter, at such “hearing” would be the alleged fact that “The Soldiers’ Monument, standing upon the Common, is being defaced, soiled, and otherwise abused by malicious persons;” and therefore asking “for Post 10, which we” (they) “represent, that the said Monument may be enclosed by an Iron Fence, and guarded from further injury;” was referred, in concurrence and due course, to this COMMISSION.

At a conference between the Committee of Post 10, and the *Chairman* of this COMMISSION, the whole matter was considered at length; the case of the Petitioners stated in all its bearings; and assurance given that no conclusion should be reached until after the fullest and most thorough examination.

The COMMISSION matured a judgment, sometime since, adverse to the prayer of the Petition, but delayed announcing it, preferring to await the reception of designs from a Member of the Post to whom they had applied: a gentleman not only an artisan, but, what is more uncommon, an artist, in metals. Their original decision has been confirmed: and they must withhold approval from a scheme that would exact, as its first cost, a considerable sum from the public treasury; and impose immediately and directly, upon our whole community who have more or less frequent occasion to cross the COMMON, an inconvenience and obstacle to passage, which must be insuperable to fulfil its purpose; and yet not of that imperative necessity whereby alone it could be warranted.

The first cost of a Fence is not all. There must be posts upon which to set it: there must be more or less fracture and destruction of the very expensive concrete that now forms the slope from the base: and especially must be kept in mind the entire reconstruction of that concrete slope, to the southward, that will be indispensable should a Fence be erected. Since the living must have a passage kept open for their daily needs; and that passage should be as direct as possible, *unless the safety of the Monument is imperilled*. Perhaps so much was implied in the Petition to the *Honorable COUNCIL*, which alleges "soiling, defacement, and other abuse, by malicious persons."

The COMMISSION hope, and can but feel persuaded, that, in their earnest enthusiasm for that emblem of gallant devotion and sacrifice, the Committee of Post 10, have unduly magnified the infrequent mischief attributable to chance or time. It is a grave accusation to bring against any portion of our fellow-citizens, that they would wantonly attempt to mar a monument erected to honor the patriotic dead. Far sadder would it be, in the opinion of this COMMISSION, were such accusation proved true: for then, not alone would safeguards be ineffective to secure such monuments; but even the Republic could not be held unharmed, though myriads died to save!

Much labor has been expended upon the Soldiers' Monument, since its formal acceptance, in almost all of its parts: very much, at the suggestion of the *Chairman* of this COMMISSION, who therefore asserts the right to express a decided conviction that no "malicious" injury has been perpetrated, save, perhaps in a single instance, some years since. And, in that solitary case, the application for a chance to do a job of cleaning followed so swift upon the "soiling," that suspicion was natural and inevitable.

Were a Fence, inclosing the Monument, otherwise desirable; and could all objections to its location be waived, or winked out of sight; it would nevertheless, in the judgment of this COMMISSION, be an artistic fault to construct one. At present,—the perspective is complete, with the one, single exception of the perversion of the Statue that serves as a finial. Turned,—to confront the North Star! which was designed; and as it should be rectified; the vision might be pleasant, as now it is not. A rampart would obtrude another glaring offence to the eye, additional to its provocation to acute language because of its needless inconvenience. Obstruction to the human current across the COMMON should be avoided as much as possible. Worcester has no higher interest than to keep open every channel; whether of human intercourse and communication; or of natural waterway and purification. The Fence requested would not alone impede passage, whether of civilians in their daily walk, or of the organized Militia in their legitimate "training:" but it could not fail to remind every one, who was obliged to go around it, that the City of Worcester through its constituted authorities, is so far derelict in its teachings at church, or school, that it must prevent access to a Monument of Granite and Bronze, erected in honor of the Patriot Dead, from a vague fear lest some one,—youth or adult,—man or woman, may?—"deface, soil, or otherwise abuse"! And yet it was thought and proclaimed by its Orator,* that young and old, matron or maid, might love

* The late Governor Bullock.

to draw near; and, gazing with moistened eyes upon the*imperishable tablet, assuage an undying grief with the solace, poor at best,—“I, too, have some share in this!” But, no! they must be fenced off! that the insensate granite and bronze may not, perchance, be dented. Their brothers, and sons, and husbands, might be shot, and shelled, to pieces,—without defence or shield. But the Monument to their patriotic sacrifice must be put in a glass case!

During his interview with the Committee of Post 10, G. A. R., the *Chairman* of this COMMISSION suggested that, were any protection to the Soldiers' Monument absolutely indispensable, the need would best be supplied by the construction of a suitable barrier upon the granite base. A very pretty design has been furnished for such a barrier; to be built wholly of bronze, and therefore, in consonance with the general style of the Monument. Its cost, completed, is put at the sum of Thirteen Hundred and Thirty-Three dollars (\$1,333.00). The COMMISSION, did any safeguard appear absolutely essential, would not hesitate to advise the adoption of that design. But,—being unable to concede its necessity, they cannot ask the *Honorable COUNCIL* to vote an adequate appropriation. Much more,—since not even the COMMON, itself, has been adjudged worthy a decent and suitable Kerb along its Northern and conspicuous front.

Finally,—the COMMISSION cannot shut their eyes to the fact that the Police-Force of the City has its head-quarters within gunshot of the Monument. Theoretically, that Force maintains order, and guards property, throughout the municipal limits. It occurs to the COMMISSION that, if the present members of the Police are unable, or unwilling, to secure immunity for the Soldiers' Monument, to the entire satisfaction of Post 10, G. A. R.; nor less of the community, to whose contributions and taxes its erection is owing; that the deficiency can be supplied by voluntary enlistment. Men being available who will engage, without the inducement of an egregious bounty, to discharge that most simple, but honorable, duty.

All which is respectfully submitted,

(by)

EDWARD WINSLOW LINCOLN,

Chairman.

That decision of the COMMISSION, having been fully accepted by the CITY COUNCIL; and thereafter by the community, as it became known; will doubtless find ultimate favor even with those who were, at first, inclined to desire, and therefore to solicit different, yet as positive action.

Petitions are sometimes addressed to the CITY COUNCIL, asking for a license that exceeds the authority of that Honorable Body; not infrequently by the ignorant, but more often by those who affect smartness. These, at times, relate to matters touching

one or other of the Public Grounds. Of course they are referred to this COMMISSION, whose jurisdiction is exclusive in the premises, in the scarcely concealed expectation that justice will be meted out to all parties,—possibly the last thing desired or sought. Thus, on March 25th, A. D. 1882, a Petition, the body of which was in an entirely different handwriting from the signature, was so referred by the Mayor and Aldermen. Its burden was, as follows :

WORCESTER, MASS., March 20, 1882.

TO THE MAYOR AND ALDERMEN OF THE

CITY OF WORCESTER :—

I Petition your Honorable body for leave to build a Blacksmith Shop on the Common near or between the two cookey shops or stands already there.

I think it will be useful as the passers by can see the sparks fly and perhaps get their scissors sharpened.

Yours,

HENRY C. FISH.

There was evidently no need for haste. There was no immediate call for forgers, in the City Hall ; and each day might well be left to supply its own demands. And besides,—the COMMISSION cherished a shrewd suspicion that the work of the Petitioner, if his request was entertained, might not be such as to merit encouragement. Years since,—A. D. 1873, specimens of his skill and taste as an artist and workman in iron, were erected upon the COMMON, to meet an obvious public want. Three years afterward they were removed ; “ a step,” to quote the reason assigned by the COMMISSION at the time, “ constrained by a necessity greater than that which they were designed to relieve.” They never gratified the sense of sight : they always offended that of smell ! Past experience, therefore, was not favorable to the Petitioner.

Moreover, the COMMISSION fear that his nature is too volatile ; and that his attention would be diverted from his forge to the learned debates of the Conscript Fathers, over his head. They apprehend that he might, now and then, intermit his toil, to

listen with greedy ears to the discordant theses upon *Suppressio Veri*, that occasionally enliven the otherwise dreary sessions of the Overseers of the Poor.

Nor would the noise that must result from granting his request, be tolerable in itself. Of that,—the supply is already more than ample, from the Howling Dervishes who “sound the tonjon” upon the steps of the Old South, whenever the spirit moves and the pocket craves. It is their vocation,—not his,—to pervert Scripture, which anticipates the denial of Petitions,—saying

“Yet man is born unto trouble, as the sparks fly upward.”

What view the COMMISSION might take of a simple request to locate a bellows, to be operated by himself, between the City Hall and the Meeting-House of the First Parish, is uncertain. At present, the wind thereabouts bloweth where it listeth. What beneficial direction he might give it would depend very much upon his inclination, and much more upon the power to his elbow!

Having considered the matter at leisure, the COMMISSION must decline to accede to the prayer of the Petition. Estimating its pith and point; or, weighing its marrow and meat; they are impelled to ask, with him of old:—

“Doth the wild ass bray when he hath grass, or loweth the ox over his fodder?”

“Can that which is unsavory be eaten without salt? Or is there any taste in the white of an egg?”

The Shade-Trees of the City are in their customary condition. Some of the perils to which they are exposed; from the parsimony of corporations or the reckless indifference of their servants; have been commented upon elsewhere. Of mutilation,—by the horses of the butcher, the baker, and the candlestick maker,—it is likely that there was neither more nor less than usual during the year just past. Were the Police instructed to detect, and surely complain, in every instance of wanton mischief, it is believed that the injury to Shade Trees, in all its forms, might be effectually checked even if it were not completely stopped.

More trees were planted by the COMMISSION, A. D. 1882, than in any previous twelve-month. A large proportion of them were assigned to the South-Eastern section of the City, where the need of them is greatest; although the soil in which they must be set is not as promising for wholesome life as could be desired. Good fortune seems to have attended them, however; nearly all appearing to be alive at the end of Autumn, notwithstanding the extreme drought through which they had passed:—the severest possible test of their vitality.

The COMMISSION propose to themselves to keep even pace with the operations of the Highway Department, in the Island District. They can accomplish no permanent improvement by trying to anticipate, or forestall, the work of grading and putting down sidewalks.

The experience of later years having shown an absolute need of supplementing the planting of trees, by the erection of suitable guards for their protection, while young, some five hundred were constructed and placed in position. They fulfil expectation and prove entirely satisfactory in actual use. Hereafter, planting and protection, will proceed simultaneously.

There are a few persons in the community who still suppose that trees, set out by individuals, are paid for by this COMMISSION. Such has not been the custom for years, nor is it now. It was found out, long since, that the only method of definite achievement is, to select certain Streets and go through them in earnest. Setting a tree, here or there, to oblige an abutter, only gives occasion for discontent among others,—perhaps equally deserving, but not so favored. When the COMMISSION possess suitable trees, they are always glad to give them to any citizen who knows that digging a hole and crowding in the roots is not all of planting; and that his care should not cease with that operation even when done properly. They have a fine lot of Norway Maples coming forward, from which it is hoped that the suburban districts may shortly supply themselves and thereby complete a work that, along many roads, requires but little for consummation.

The downright worth of *Shade-Trees* to a community is

seldom duly estimated. If a portion of the benefits resulting from their existence in our Streets, as well as before our homes or places for business, are measurably appreciated; other, perhaps less directly obvious, advantages, are left for the Scientist to discover and proclaim. Thus, in an interesting paper recently read at Edinburgh, by *Dr. Phene*, on the "benefits to be derived from planting trees in cities,"—he stated

"Among the beneficial results to be obtained, the relief to the optic nerve through the eye resting on objects of a green color. Just that which is effected by the use of green or blue glasses in strengthening and sustaining the power of sight, is attained, at any rate much aided, by the presence of green in nature; and in streets the only method to procure this result is by planting trees."

It was pointed out by the *Dr.*, that

"Wherever opportunity exists, Nature provides green and blue (the latter being the same color minus the presence of yellow), and that as the absence of color produces snow-blindness, and in tropical calms where the Ocean presents only a white reflected light from a uniform glassy surface, reduced optical power soon follows a long continuance of the absence of blue color, which becomes immediately apparent on motion of the waves. So in the Streets, to the occupants of houses having a northern aspect, the glare of the reflected light is injurious; but the effect would be much modified by the coolness to the eye produced by the green of trees. In ancient surgery, persons having weak or declining sight were advised to look at the Emerald. In the old style of building, the Streets being narrow were both cooler, from the sun not being able to penetrate them with direct rays; and less subject to noxious exhalations from the scouring and purifying effects of the searching air to which the narrow streets were subject: so that, while there was no space for trees, there was also less necessity. Wide streets, on the contrary, are hotter, and require the shade of trees to cool them; and, as in the case of London, which had so far done without trees in its streets, it was shown that not only are modern streets compulsorily wide, but that the enormous increase in metropolitan buildings, render every sanitary question one of importance. And the chemical properties of trees as shown by experiment, give them an important standing, irrespective of ornament or the pleasure they produce."

Some of *Dr. Phene's* experiments on this subject have extended over a period of Thirty Years; and he was the first to try the planting of trees in the Streets of London.

Few years will elapse ere Municipalities, as well as individuals, will be compelled to grapple with the abuses and usurpations that seek to monopolize the common highway. The

sky is vexed by a net-work of wires, thick enough to obstruct the flight of birds if not to check the healthful currents of the atmosphere. The earth is covered with a web of iron, adapted to a special purpose that necessarily excludes other and more legitimate uses. Quite recently an order was adopted, by the *Mayor* and *Aldermen* of this City of Worcester, allowing an individual to erect poles throughout the public streets, that he might the better sell electric light for his private gain. There seemed no pause to inquire whence that civic body derived such power! Not even a momentary hesitation if, possessing it, it could be delegated! Least of all a suspicion that an easement is not an indefeasible right,—an absolute fee-simple; nor that municipal governments, any more than individual citizens, cannot give away what they never owned nor controlled.

The COMMISSION OF PUBLIC GROUNDS have been grievously embarrassed, in their care for the *Shade-Trees* of the City, by a cool assumption, on the part of lawless agents of incorporated Companies, that the charters conferred upon their principals, may be stretched so as to cover any kind or excess of wrongdoing. Limbs have been lopped and trunks felled at will or caprice, sometimes in obvious spite; under the pretence of an imperative need to make room for wires whose aerial suspension, distasteful and ugly at best, should only be tolerated, if at all, as a beneficence,—never as a provocation to wanton mischief.

In their latest Report the COMMISSION felt moved to the following utterance:—

“By sufferance of the *City Council*, Telegraph and Telephone Companies have invaded the City during the last year; lopping the limbs, or felling the trunks of trees, indiscriminately, as best suited their immediate purpose. And despite precaution, protest, or direct complaint at the Police Office, the aggressor triumphs;—the sufferer remains without redress. The Republican must not alienate, nor offend: his party might be weakened, should anybody take (in this matter—spoil) *umbrage*. The Democrat will not squeak,—for his own sake, not his party's: that, long since, was ‘fast-bound in misery and iron.’ And still, though the day of reckoning may not be far off, the COMMISSION OF PUBLIC GROUNDS are sorely tempted; when told by the City Marshal of some newer mutilation and wreck, which he observes on the road from Paxton and overlooks in the repose of his office; to cry out with him of old,—‘How long shall be the vision concerning the daily sacrifice and the transgression of desolation?’ ‘One generation passeth away and another

generation cometh.' But when it is here, although those who longed for it were not spared to hail the dawn,—neither wealth, nor lust, nor principalities, nor power, shall longer offend. The reign of *Astræa*, for which the blind giant has hitherto groped in vain, shall recommence; and—brightest of Northern Lights! the aspect, prospect, and retrospect, of the popular demagogue shall fade away in a continually receding illusion."

From Paxton and Shrewsbury, over the Causeway and along Lincoln *Street*, the axe and saw have been diligently employed;—perhaps the nearest approach to perpetual motion that our new Iron Age has yet discovered. More recently private aggression has stretched a line of wires along Park Avenue, without pretence of legal authority or even a shadow of municipal sanction. And yet, for the existing public easement in that Avenue, the very men who have thus encroached upon the highway were paid roundly; being thereby enabled, for a wonder! to eat, and keep, their cake. The posts, upon which those wires are extended, are set close to the *Shade-Trees* in many instances; in others, so set that it will be impracticable to plant in the most suitable locations without interference. And here, as everywhere else, doubtless, the axe or saw will be employed in aid of individual cupidity, whenever it shall decide, for itself, that the public use and enjoyment have become inconsistent with its own requirements and exactions.*

A fall of Snow occurs during the Winter season; as in the order of Nature it is desirable, even if it is not essential to life, that it should; when the greed of the individual interposes, with his crafty devices, the roadway being made to reek with salt, to the prejudice of the feet of men and animals; and to the ultimate harm of the roots of the trees, whose planting and growth were objects of municipal encouragement. It is no longer,—Live, and let live! but rather,—You get out of my way! This COMMISSION, having lived in the past of Worcester; and surviving in undiminished vigor and faith for its future; long since addressed itself to obviate and abate what has been suffered, by inert tolerance, to become a public nuisance. Upon an applica-

* The city of Indianapolis gets some return; taxing \$2.00 per annum for every pole erected by telegraph and telephone companies within its limits.

tion from the Worcester Horse Railway Company, for leave to duplicate its tracks in and throughout *Main Street*, audience was granted by the Honorable Board of *Mayor* and *Aldermen*, to show cause why the easement of the whole population in that *Street*; an easement that contemplates a thoroughfare without other charge than that for necessary maintenance; an easement that was the free concession (but not disseizin) of the original proprietors for the benefit of the whole inhabitants; should not be perverted, as it were, and alienated to a private corporation, seeking to segregate said *Street* to their especial method of putting money in their purse, by one method of conveyance, and transportation, to the exclusion of all others! At that audience, this COMMISSION submitted its views, as follows:—

COMMISSION OF PUBLIC GROUNDS.

March 20th, A. D. 1882.

To the Honorable MAYOR and ALDERMEN.

The undersigned would submit to your Honorable Body, at this hearing, that advantage should be taken of the present occasion, when the City is asked to surrender, in great measure, the control and use of a portion of its Streets, to rectify a former error of judgment.

All the surface gutters and drains of the COMMON have been graded so that their ordinary flow, as well as storm water, should empty into the channels along *Front Street*. The track of the Horse Railroad Company, however, is so located, that all the dirt or snow which is shovelled, or plowed, from it, becomes an obstruction in the *Street Gutter* along the North Kerb of the COMMON.

Now, why not require, as an indispensable pre-requisite, before granting the request of the Horse Railway Company, that the Track of that Company be transferred from the side to the centre of *Front Street*. Then if the *Street* is graded, slightly and uniformly concave, towards the centre, with openings into the Main Sewer, there will be afforded an obvious and easy relief from the floods which, during furious storms, become excessive, even if they are, happily, infrequent.

Very Respectfully,

EDWARD WINSLOW LINCOLN,

Chairman.

The action of the *Mayor* and *Aldermen* corresponded with this suggestion in so far that the tramway was transferred to the centre of *Main Street*, at its intersection with *Front*; and of

Front *Street*, protracted parallel to the North face of the COMMON. But the elevation, or grade, unfortunately; to amend which was the actual gist of the note to the *Honorable Board*, from this COMMISSION; whether through tolerated assumption, or official lâches, is worse instead of better. The centre of the tramway has been raised, so that in time of flood the surface water is deflected and repelled towards, instead of from, the COMMON. All the salt that is allowed, for the present; all which will be suffered until the people lose patience and insist upon an enforcement of their rights; flows off the crown of that tramway and settling and saturating, saps insidiously, and if slowly, surely destroys the vitality of those patriarchal elms that adorn the Northerly line of the COMMON. The purpose of the COMMISSION was to remedy this; and to anticipate a pressing need as well. Few persons realize the character and extent of the water-shed, whose overflow must pass off over, unless an escape is provided under Front *Street*. All of Pleasant *Street*, from its summit with its numerous influents; all Chestnut *Street*, broad and almost precipitous as it is; and a great length and area of Main *Street*; combine to deliver their storm-water, as they can nowhere else, in accordance with the law of gravitation and with scant regard for public convenience or restriction. Those who have not seen, can form but a shallow estimate of the flood that rushes down those declivities during the not infrequent thunder-showers when from three to four inches of rain are precipitated in an hour. This COMMISSION would have provided for such emergencies. They would have converted the tramway into a channel instead of a ridge; transforming it from a spine as it were into a gut. A track, thus sunken; with the entire surface of a street, as broad as Front, inclined towards its centre; inlets to the Sewer being opened with sufficient frequency along its course; and there would have been supplied a gutter ample for every exigency; an escape for superfluous rainflow; a cheap and facile method of flushing the general Sewer; and a certain protection against possible, if only occasional, submersion, for the North walk of the COMMON. Salt, now used in defiance of law; if its illegal application were not

prevented by the super-serviceable champions of human asceticism and drought; might at least stay where it had been put, or, as it melted without loss of savor, flow off into the Blackstone, to the infinite betterment of the Millbury fisheries.

To illustrate another, and too frequent, abuse!

“Worcester, Dec. 18, 1882.

E. W. LINCOLN.

Dear Sir:

On Friday last (15th) there was a barn moved by my place which broke down the only tree we had. Is there any redress for such negligence?

Yours, &c.,

* *

No.—, Pleasant Street.”

The signature is not material here, inasmuch as the fact is undisputed. Of course the *Chairman*, although not the legal adviser of the City, was able to inform his correspondent that the Courts are open to him: a piece of intelligence that must have been hugely gratifying. Possibly he should have been referred, in case punishment was sought, to the tireless energies of the Police. But the *Chairman* has no little hatchet;—and the days of miracles are past. The precise trouble, in all these cases, is, that the movers of buildings are too apt to fancy that their license is a shield against misconduct or error. They never appear to realize that the permission must be strictly construed: bearing, if at all, against themselves. That they have no more right to mutilate or destroy a *Shade-Tree* in the Public Streets, under color of such a license, than they would have to tear down or up-root fences and shrubbery in front-yards. They may do a certain specified thing: aught different, or in excess, is at their individual peril and cost. If those licenses were more strictly guarded, requiring people, who would move buildings through the public streets, to merit that great privilege by reducing the inconvenience to a minimum, through a sufficient subdivision of the buildings, there would be vastly less complaint as its chief cause would be done away.

This facile submission to aggression, provided only that it be sufficiently audacious, contrasts sharply and strangely with the harsh exaction of conformity to oppressive, and unwholesome restrictions. As the territory of Worcester becomes more

densely built upon; and the opportunities for out-door sports are proportionately diminished; it appears as if the officers of the law redouble their activity to repress the natural manifestations of youthful activity and exuberance. Coasting,—a common custom of their fathers, is prohibited to the children over the very land whose fee is in themselves,—if in more or less temporary abeyance. Rather than incommode the Police! it is thought better to confine our growing boys and girls in-doors, to catch diphtheria as it issues effluent from the sewers. It might seem, at first thought, to be easy enough so to guard certain Streets (for not all are suitable, if desirable); that the public easement of traffic and travel should not conflict with the innate fondness of children for athletic enjoyment and wholesome fun. The writer is of opinion that it would not be difficult to demonstrate the absolute right of juvenile Worcester, to a partial occupation of the highway, for the time being, at the least as valid and perfect as that of their elders, whose carriages are more cumbrous, and whose “careless boys” as apt to invite perilous collision.

It would be difficult to compute the amount of harm that has been done, in past years, by the Courts of New York, through judgments so rankly unjust as to sap popular faith in the judiciary everywhere. But recent decisions of those very Courts have gone far to revive the original confidence, and to confirm the wisdom of the Fathers of the Republic, who regarded the temple of Themis as the final refuge and sanctuary of Popular Right. It is not requisite, here, to more than allude to that grand decision of the Court of Appeals whereby it was determined, once for all, that no power or exigency, less than that of the *State! in its direst extremity*, can confiscate, or render valueless, individual property, without compensation to the owner. And the wholesome medicine thus timely administered, by the highest tribunal of that great State, to the arrogant Elevated Railway Corporation, is again prescribed by *Justice Dykman*, of the Supreme Court, in a more recent case of similar infection and virulence. As a matter of direct local concern, which is bound to agitate this and all other communities, more and more,

until its final settlement by the unconditional recognition of individual immunities, it is recorded here in a foot-note that its publicity may be as permanent as the City Documents.*

* **RIGHTS OF DOMAIN.**—*Decision of Interest to Telegraph and Telephone Companies.*—*New York, Dec. 2, 1882.*—Justice Dykman of the Supreme Court yesterday rendered an important decision in regard to the assumed rights of the Mutual Union and other telegraph and telephone companies to set posts or poles on the highway in front of the owners' premises, without equitable compensation therefor. A deep interest has been manifested throughout Westchester County as to the result of the action brought before Judge Dykman, inasmuch as in the case of Mr. Strong of Pound Ridge, who cut down a number of poles set by the Mutual Union Telegraph Company, on the ground that he had not been compensated for the privilege, he was arrested for his action in the matter. The suit before Justice Dykman in the present instance was that of C. Coles Dusenbury against the Mutual Union Telegraph Company. Judge Dykman says: The defendant in the action set some telegraph poles on the side of the road in front of the plaintiff's land and residence, in the village of White Plains, without making compensation, and this action is for their removal. It is undisputed that the plaintiff is owner of the land thus occupied, subject only to the highway easement, which, between him and the defendant, leaves his ownership complete and exclusive; nor is it an improper remedy to rid the highway of this burden, wrongly imposed. The defence is that there is a statute of this state authorizing such occupation as defendant has made, and that the plaintiff is, by the terms of such statute, limited to one single remedy. The defendant urges that it is authorized to occupy the highway in question without compensating the fee owner, and that the latter must set in motion the judicial machinery provided to measure the compensation to be made, and await its slow motion. Careful study of principle and authority will show that, under the constitution, the defendant's claims could not be given, and that the statute invoked does not attempt to confer any such authority. There are two great classes of corporations created for purposes of government, as applied to such corporations. The term "public" is synonymous with municipal. Private corporations are created for commercial purposes; they are sometimes made agents of the statute; and, by inconsiderate talking and writing, they are sometimes called "public," but their nature remains the same. They are trading corporations. It is too late to question the power of the State itself to appropriate the property of its citizens for public purposes, and defer payments, and the principle has been extended to corporations created for purposes of local governments; but the reason of this exercise of power is in the undoubted responsibility of state and municipality to compensate the owner. The gulf between governmental corporations and commercial companies is nowhere wider than at the question of eminent domain, and the gulf is not bridged by clothing the latter with a public character by the courts, to enable them to make the exercise of the right of eminent domain. The text writers agree that these private companies ought to be required to pay before appropriation of property. Mr. Cooley, in his "Constitutional Limitations," p. 702, says: "Where, however, the property is not taken by the State, or by a municipality, but by a private corporation, which, though for the purpose, is to be regarded as a public agent appropriating for the benefit and profit of its members, and which may or may not be sufficiently responsible to make certain the payment in all cases of the compensation which shall be assessed, it is certainly proper, and it has sometimes been questioned whether it was not absolutely essential, that payment be actually made before the owner could be divested of his freehold." After quoting various authorities in support of the foregoing views, Judge Dykman concludes by saying: "My conclusions are that the defendant must make payment of compensation precedent to appropriation. The plaintiff must, therefore, have judgment."

The best accepted authority, upon this subject, cited by the learned Judge, thus apprehends the very issue contemplated in these remarks:—

“Another condition is annexed to the exercise of this power” (Eminent Domain) “by the Constitution of the United States, and by that of many States,—a condition which is universal in practice, and would doubtless be held to be always implied in law; it is that adequate compensation be made to those from whom the property is taken. The most common instances of the exercise of this power are in the case of lands taken for roads or canals; but it is, we conceive, quite certain that the principle itself is wholly unlimited, and that by virtue of it any property may be taken by the *Sovereign Power*, from any owner, provided it is required for the *public use*, and compensation is made to the owner from whom the property is taken.”

The *Honorable* MAYOR and ALDERMEN, ever weighty in the law; and whose loins have been mightily girded up and reinforced at the recent Municipal Election; will pardon the writer for the bare suggestion that the People build Streets, surrender damages, or accept inadequate compensation, for their own particular uses and behoof forever! And not that their fee-simple by birthright, or purchase, may be bartered for a *soup maigre* at which even the hungry Esau would have revolted.

It has been assumed, possibly with too much confidence, that Queer Cuss Damphool* died, erewhile. Artemas Ward was gone and, taking his “wax-figgers” with him, had left an undoubted vacuum. As much however could not be said for Q. C. D. His existence was never indispensable; he did little to vary the monotony of ordinary life; and, if quieted, why would he not lie still?

“—— the times have been,
That when the brains were out the man would die,
And there an end”:

But, hark! The following correspondence is published “*verbatim et literatim*.”

“MAYOR” STODDARD

“WORCESTER July 11th 1882

My dear Sir

Will you pleas use your influenc with our Commissioner of Public Grounds, (the appellativ of “Shade Trees” to his title is I think a misnomer

* His baptismal name, singular as it seems. His parents might well be a-kin to that youthful matron, who stuttered out to the officiating priest, that she wished her first-born to be christened—Luthy! Thir!”

for he cares *nothing* about them in the Streets and they are being mutilated and destroyed on every hand, a signal example of his "dont care" is a fine Elm on the corner of Pearl and Main which is fast being destroyed by horses) to have seats placed under *all the* shade trees on Elm Park? He has a sufficient number in the open grounds which are not desirable this hot weather but there are many large Shade Trees which are not utilized. For instance some fine large trees opposite the Agricultural Grounds. An oak tree south of these on the Street. Some near the South end and West side and also some beautiful Maples near the Hammond mansion all of which would be desirable locations for seats which would be very comfortable and pleasant for our wifs & children or the tired pedestrian this sultry weather. Last Sunday too many of our citizens were obliged to perspire and suffer *on their feet in the sun* rather than enjoy seats in those cooling shades which cost so little to furnish."

[And so on, in longitude and platitude, digressing to dilute and weaken the arguments employed by this Commission, for the last decade, in behalf of the acquisition, by the City, of Newton Hill.—E. W. L.]

"Very Respy Your

"RURAL."

"MAYOR'S OFFICE.

Worcester, Mass., July 11. 1882.

EDWARD LINCOLN Esq

Ch Commissioners on Grounds

—My dear Sir.

I enclose an anonymous letter hoping it will not in the least annoy you this hot day & showing how little the unknown appreciate your good honest work. If you think proper a few more seats would be desirable.

* * *

Truly Yours,

E. B. STODDARD."

And that with the mercury at 90°, his waste-basket at hand, and paper-stock in demand!

The COMMISSION OF PUBLIC GROUNDS invite pertinent criticism and trust never to be too old, or stupid, to learn. For now Twelve Years,—throughout which whole period the *Chairman* has been, perhaps unduly, commended by his fellow-citizens; certainly never encountering the slightest difference of opinion from his colleagues; not a day nor an hour can be indicated

when his time was grudged to the public service. But yet such yelps are to be expected, for is it not written that

“They shall grin like a dog and run about the city;”

and is it not notorious that our latest civic administration has scarcely had time to suspend its “goose and enamel every cheek? The *Chairman*, like his colleagues upon the COMMISSION, has no respect for anonymity. But neither has he pride of office,—save to do his duty fully and efficiently. When he falls short of his own conceptions of what official obligations are, he will not hesitate to step down and out.

Precedence for the insinuation! that “don’t care” is the rule of precaution for *Shade-Trees*. And thereafter, the solitary specification! Now let any man, who is not ashamed of his name, ask *Mr.* George T. Rice, if he had not promised to guard that tree, in his own interest; and if the *Chairman*, tired of waiting, did not threaten to act without further delay? Take the testimony of the late Marshals of Police, and learn if they had much peace from the continual appeals of the *Chairman* for a watch upon this tree, or his complaints because that had been mutilated?

But there is not a sofa-cushion apiece for the people who visit ELM PARK! and as for “Rural,”—he forgot to bring a camp-stool. The COMMISSION neither intend nor expect to find seats for our entire population: they will try to accommodate a portion, reserving room for here a blade of grass—there a flowering plant or shrub. Long before that whine was echoed by his recent *Honor*, *Mr.* Pembroke S. Rich had a contract to supply an additional number of settees for both ELM PARK and the COMMON: the COMMISSION keeping them equally in mind.

“*E pur si muove!*” persisted Galileo: and of course the earth, by its rotation, will now and then tan a fair hide although it may be “trooly rooral.” They say that a goose is the most stupid bird in nature. But a gander,—that cannot, or will not, step out of the sunlight, if it fears to get bleached, will scarcely alarm Rome in our day. There are yet a few, who prefer to surrender their carpets to the light, rather than to the moth; who luxuriate in a sun-bath; and who regard “perspiration”

(sweat ?) as a consequence of temperature, and also as a whole-some sign of sound health in hot weather.

But there should be seats under every tree! Not if the COMMISSION knows itself. No one would visit a Park that is a waste: and such would soon become that Public Ground wherein seats were ubiquitous, and the ways to them criss-cross and everywhere transgressing. Somewhere must be discretion: a prudent forethought,—possibly some restraint. Yet men, who devote their time and energies to the better provision of innocent enjoyment for their fellow-beings, are not likely to impose any restrictions upon the individual that are not absolutely essential to the welfare of the whole body politic.

The richest joke of all, is the moon-eyed innocence that would dilute the pure milk wherewith this COMMISSION have been wont to feed the community, upon the subject of Newton Hill. Oh, Flatulence! were it but healing on thy wings!

Yet this is all a waste of time that might be employed more usefully. Should there be an individual, in this entire community, who will devote himself, with a more thorough consecration of body and mind, to the out-door development and adornment of Worcester, than the present members of the COMMISSION OF PUBLIC GROUNDS; upon the recognition of his merit and after due election by the proper authority; he will find place and praise accorded to him gladly enough, by any of the existing incumbents. His advancement to a position, not exclusively lucrative, will provoke no envy on their part. They will rejoice in his achievements; make proper allowance for his deficiencies, should he perchance disclose any; refrain from putting the knife under his fifth rib, while asking—"Art thou in health, my brother?" and strive not to withhold due honor and laud, where merited, by one who, when situations were reversed, was more wont to

"Damn with faint praise, concede with civil leer."

Some views of the relative rights of the People, in whom Eminent Domain inheres; and of individuals, who, for their private emolument, usurp the exclusive use of running streams that were vital with a health-bearing current, only to render them

stagnant, and inevitably lethal by the obstruction of continuous dams; plainly stated in the latest Report of this COMMISSION; irritated the pocket-nerve and rasped the temper of certain men, of more or less consequence, a-down the Blackstone. Their comparative importance is not material to the issue, as it affects "plain people" everywhere; which is, whether the laws of Nature shall be suspended that compel Water to keep in motion, or rot; and make it imperative upon the atmosphere that resumes the water, to blow as it listeth, or to be still and abate its wholesome influence.

The employment of Steam-Power has been tried in Worcester, and found not inconsistent with the use of ample and steady force, with a reasonable return of profit. Boilers might be fed, far more easily, from a descending stream; the help of gravitation, and the re-inforcement by additional affluents, combining in behalf of those for whom no tariff can be sufficiently discriminating, that does not enact a bounty, downright in their favor. But there is an appetite so pampered that neither God, nor man, can fill its maw—ever craving, ever hungry! To such may be applied the felicitous phrase of the ancient satirist, in his description of the imperial prostitute of Rome:—

"Donec lassata, necdum satiata, recessit."

Only, they never get tired! Prohibitory duties are well enough in their way. But then,—they enure to the protection of rivals, along other waters. The privilege of stopping the channel and maintaining a dam is valuable: but then it is a privilege, and not an unrestricted fee. Nor, if it were, would it be estimated at a fraction of the worth that is put upon the claim, cherished by those mill-owners, to introduce a siphon into the treasury of Worcester. Kettle Brook or the Mumford River may serve for scouring the Golden Fleece. But the very sands of the Pactolus that takes its rise from the N. W. corner of Front, and Main, *Streets*, are weighty with the virgin metal.

The presence of Alcohol, or rather its diffusion, in Sewage, in appreciable amount and volume, has been discovered quite recently. During the inquisition by the General Court, last Winter, as to the effect upon the profits of mill-owners if not

allowed to thrust their arms above the elbow into our City Treasury ; it was asserted by one gentleman, the “ nephew of his uncle,” that the Blackstone would run dry, were the dams abolished ! That manufacturer is, in all kindness and unselfishness, prevised of his danger. Let Tasseltop once suspect that its sustenance comes down stream, instead of along the highway, and Worcester will not be left alone to contend for her legitimate outlet. Possibly a faint cry may come up from “ Tourtellott’s,” asking why the *elixir vitae* should be restrained, that this fleece may be sheared, or that community skinned !

But what a theory to be advanced, seriously, by a man presumably intelligent ! A stream that has flowed down from its original fountains, for aught that is known to the contrary, since the foundation of the earth, is kept from running out ! by a few works of human craft, and greed, dotted along in its course. The Architect of the universe was at fault ;—contenting Himself with shallows of sand or rocky rapids, here and there : shallows and rapids over which the waters might ripple and fret, sparkling in the purifying sunbeams, and always in continuous and vivifying motion. He should have anticipated the indispensability of mill-dams ; and would have been forgiven, perhaps, had He supplemented their provision with suitable factories and full sets of ever new and self-regulating machinery. In the Divine Economy—known by whatsoever name in Heathenesse, or since ;—were evolved distinct genera and species : in the aggressive and griping greed of the mill-owners,—mules !

You shall have no water ! You shall pass no water ! Men of Worcester ! help yourselves if you can ! And there are those among us who would submit the other cheek !

Said CHARLES ALLEN—and his voice rang through the City Hall, to find swift echo in the hearts of the people ;—*Bake the doughfaces !*

What is lacking to Worcester ; as, in the imminent future, it will be to the towns along the Blackstone Valley ; for Water Supply and Drainage ; is, in technical phrase and common sense alike, head in superfluity. And Nature, otherwise so prodigal in her gifts, has not been niggardly even as to that. A vernal

flood intercepted and saved, at the Seagrave privilege! would attain the utmost elevation of the present ordinary service; and the entire valley below might be converted into a continuous basin, for filling the pockets, or flushing the stagnant and putrid ponds of the dam-owners.* Use by Worcester is consistent with every other legitimate use: is exclusive of none. It is simply a public economy, in lieu of private shiftlessness, and waste, which no one has hitherto interposed to check; which no individual has ability or will to stop effectually; but which, controlled and regulated by a vigorous municipality, would conserve and promote the general welfare throughout the whole length of the river, from Stone-House Hill to the tides. In this all-absorbing question of ample and unfailing Water; involving the very existence of communities and, as well, the paltry interests of, here and there, a Dam-owner; those who cannot swim with the current will be swept away. Each year that passes, with its occasional torrents and prolonged droughts, makes it more and more obvious that, even in New England, recourse must be had to an elaborate system of reservoirs and storage. Fortunate is it for Worcester that the trend and slope of the land is such as to meet her every requirement! Doubly felicitous for her neighbors! lower down,—that what Worcester is compelled to do, as a matter of vital importance, must also contribute in equal, if not greater, measure, to their own comfort and prosperity!

The iteration, and re-iteration, that are indispensable prerequisites to the acceptance of what would appear self-evident truth, become vividly conspicuous in this matter of Water Supply and Effluence. Said the Writer, in his Report for the COMMISSION, A. D., 1881,—

The theory that streams shall be arrested at their fountains, and compelled to serve human necessities, may not be acceptable to the few who have checked the current below, and constrained it to grind their private grist. But it is a theory based upon an absolute Public Want, and therefore of inevitable acceptance. Unless there are reasons of geographical convenience and proximity, that may better answer the demands of Millbury; there

* But never in partnership with them: control must be absolute, to exclude, or prevent disputes!
E. W. L.

can be no doubt that, ere long, that thriving town must become one of our suburban Wards; if in no other way she can gain the right to draw from the Reservoirs that will constitute of Tatnuck *Brook*, a continuous and sufficient basin. The surveyors, of Worcester, find that the height of the Holden Reservoir, raised fifteen (15) feet above its present level, would be 735.30 feet above mean tide-water. That Reservoir, thus enlarged, is computed at a capacity of One Billion Gallons (1,000,000,000). It is also found that the overflow of the pond on the "privilege" of the Wire Mill at Quinsigamond *Village*, is 438.24 feet above the mean sea level. It will be seen that there is an almost precipitous fall, in a very few miles, through a valley that would appear to have been created for the precise purpose of retaining Water. If it would not answer to buy out and flood *South*, and *New*, Worcester, we might content ourselves with the level of the Loring Coes-Hardy pond, at 488.6 feet elevation: and the head, thus gained, would start the shingles from any roof in Millbury, if not from the scurf of its inhabitants.

In this matter of Water,—*fons et origo*,—is the source whence to derive it. The fountains, springs, living streams, are to be found, as they might have been years since, had not men been wilfully blind. And there are also, for miles, acclivities and declivities,—the slopes of the eternal hills,—strong enough to withhold an ocean and clean enough to ensure against pollution. The only doubt of the writer is, not that the wit of the Worcester County man cannot invent an adequate system of dams: but whether penuriousness in the shire-town, or elsewhere, may not prefer to scrimp rather than to secure. There are few who share his enthusiasm in reference to the infinite possibilities of Tatnuck *Brook*. But his faith is implicit, that, the work of man not failing, nor falling short; the Valley of the Tatnuck, between the slopes of Asnebumskit and Stone-House *Hill*, and thence downward 247.24 feet can store up more than a sufficiency of water to supply the legitimate uses of a moiety of the Towns in Massachusetts along and adown the Blackstone.

It resolves itself, after all, into a mere sum in arithmetic. How much money shall be expended in building ample and sufficient dams? Dams so built as to be trustworthy for all time;—since woe to the Blackstone Valley should they ever give way! How much more shall be paid for the right of flowage—to the possible extreme! If Water must be had,—and must it not? the supply should be adequate to the necessity that it is

intended to meet. The whole work need not be of a day: even Omnipotence is reputed to have distributed the task of Creation over the major portion of a week. But the plan should be so comprehensive in its scope and flexible in execution, as to admit of addition or enlargement at any stage of progress. The writer has disclosed a vision of the entire Valley of the Tatnuck, from Stone-House Hill to the Coes-Hardy privilege, covered with water in continuous basins, setting back to the hill-sides, if needs must; and, at any rate, so guarded, as to withhold all the Spring floods that would otherwise run out to sea. Kettle Brook resounds with the busy hum of industry. The Tatnuck lies comparatively deserted and idle. The opportunity offers; and man has but to seize it and turn it to his advantage.

Were that Valley utilized, as the writer has so often predicted and as, sooner or later, it must be; certain changes become inevitable. The highways will be carried along the hill-sides, wherever they cannot be made to serve for embankments. The meadows being overflowed, farms would be withdrawn to the upland; some of which is now abandoned to wood, more devoted to pasture; and whereof the whole would be found susceptible of that improvement developed by the mother of invention. The inexhaustible fountains of a Lake, three miles long; from a few rods to a half mile in width; and varying in depth from one foot to fifty; exist, if latent, in the clouds that annually shroud the slopes of Asnebumskit. It is not for the men who sit supinely and gaze upon the torrent rushing over their waterways, to stay the enterprise which would arrest that torrent,—converting it into a perennial blessing. Nature indicates with plainness, and precision, what may be done. Those who are too indolent, or avaricious, to put forth a hand, or spend a dollar, to profit by her suggestions; have no *locus standi*, whereon to complain of a people that are more sagacious and active. For long years has the Tatnuck *Brook* flowed idly to waste. Meanwhile Steam has supplanted the Waterfall as a motive-power; until now, except in very rare instances, it is recognized as incomparably superior; and cheaper as well, because trustworthy always. It is only when Worcester would save what is every-

body's extravagance; when this City aims to secure for itself, as a vital necessity, that which nobody has hitherto valued; that the clutch of the dam-owner fastens upon her throat, inexorably exacting the price of existence. With a probability of water enough to supply every homestead in the Valley; with a certainty of enough to maintain a constant current and scour the channel as well; and with the absolute knowledge that what Worcester is prevented from attempting will never be accomplished otherwise; the sullen and monotonous response is—damages for that which you took in your hour of dire necessity! Exemplary damages for what you store up, and save from the running stream! Consequential damages for all that may descend upon your territory from the passing cloud!

The voice of John Hook, in the starving camp at Valley Forge, sharing in no sacrifice and suffering no privation, yet ever bemoaning—"Beef! beef!"

"The horse-leech hath two daughters, crying, Give, give! There are three things that are never satisfied, *yea*, four things say not, It is enough:

The grave; and the barren womb; *the earth that is not filled with water*; and the fire that saith not, It is enough!"

The development of ELM PARK has been so closely watched, by the people, that there is but little occasion for describing, in detail, its continuous progress. That Park is becoming, by a gradual process of evolution, in some sense, a Public Garden. The COMMISSION challenge no invidious comparisons: but neither do they shrink from them. Confessing many mistakes; perceiving errors that might have been avoided, perhaps, but which were timely rectified; they claim to have pursued, consistently, the design proposed to themselves from the first, of securing and growing one specimen at least of every hardy Tree, Shrub, or Plant, that could be made to thrive away from its native habitat. Hardy;—because the cost of starting and sustaining hot-houses would be a wasteful expenditure in their judgment; because the results to be obtained from the employment of such instrumentalities could never be commensurate with the trouble and outlay, since everything desirable can be purchased of domestic

or foreign growers to better advantage; and for this conclusive reason,—that what of charm, or fragrance, can not be found in vegetation that will endure our climate, is scarcely worth looking for in the tropics. The COMMISSION listen, with patient equanimity, when they are told of the gorgeous display of Tulips that may be seen, for a few days of Spring, in some of the larger cities. They lend a pitying ear to the untaught wonder, that strives to narrate the mystery of this geometrical puzzle; or denounces their deliberate omission to repeat, at home, that metropolitan coil of ribbon. They prefer the natural flower to the human conceit: and elect to employ the scanty means at their disposal for such purposes, in honest cultivation, rather than in the cunning or trickery of mere arrangement. Tulips are well enough in their way: and there are plenty and to spare in ELM PARK. Bedding plants may answer for those who overlook the floriage to go into raptures over distortion: and have not learned that everything is perverted which is wrested from its natural tendency. The COMMISSION have endeavored to create shrubberies of the improved *Azalea* and *Rhododendron*; knowing that the Swamp Pink can be traced throughout Worcester as a wildling, and that the first cousin of the latter,—*Kalmia latifolia*,—(Spoonwood), is so common as to be deemed and treated as a nuisance. In old times, the *Rhododendron* could be obtained from Leicester;—the richest, until despoiled and deflowered, of all our Massachusetts towns in a rare and priceless flora. The COMMISSION, until they can get hold of our native species, propose to find out what are the insuperable obstacles, if any, to the growth and multiplication of those grander forms, in which the Belgian and English nurserymen have attained so great success by assiduous hybridizing and semination.

The *Iris*, in manifold variety, with the June *Lily*; the *Pæony*, and *Lilium Speciosum*; the *Gladiolus*, and *Phlox*; the *Hydrangea paniculata*, and the *Tigridia*; are all largely cultivated and, hitherto, appear to have found a congenial home. The soil is so new, and unworn, that growth and bloom seem to be indifferent to minor conditions of moisture, richness, or tilth. *Lilium Candidum* flourishes in a light loam, underlain by a

sandy leach, in close proximity to the Pools: betraying no diminution of vigor when planted in a heavy peat, alike humid and retentive. *Lilium Japonicum* is equally indicative of sound health;—just as tenacious of life under the same conditions. The *Chairman* has formed a theory for himself, as to *Lilium Auratum*, based upon peculiar circumstances that were forced upon his observation. But he has lived long enough to know that while two swallows do not make a Summer thrice as many screeches have not disclosed a panther! *Lilium pardalinum*! may yet be discovered, among congenial haunts, in ELM PARK!

What has been achieved, in that Public Ground, under especial conditions, could not be repeated, elsewhere, were imitation as desirable as it generally proves insufferable. Each Common, or Park, should be sui generis:—unique, so to say, both in location and subsequent development; and if with but little of the latter, so much the better. The Northwestern shore of Quinsigamond Lake, “with verdure clad,” is doubtless clayey and adhesive. Upon the route of Lake Avenue,—protracted,—it is true that gravelly knolls obtrude themselves: but that occasional formation presents the only visible break in an otherwise geological monotony. In ELM PARK, on the contrary, you discover, at one spot, a bed of peat that discloses no bottom though sounded for fifty feet. In immediate juxtaposition are acres of fine, almost impalpable, sand; and, super-imposed an unbroken stratum of the clearest yellow, or red, gravel. Beds of bog-iron ore, as firmly fixed as though fused into their position, are discovered by the advance of excavation; luckily, as it turns out, for the construction in a durable, yet economical, manner, of Foot-Walks throughout the PARK and COMMON alike. Had not one hand thus washed the other! had not the Peat, and Gravel, the Sand and Ore, been thus handy, and so cheaply available; the COMMISSION would have become insolvent, years since. But if, when you would construct Paths, a deposit of gravel confronts you, that must be removed, yet needs no screening; if, when you are excavating a Pool for Ornamental Water, you come upon an almost fathomless bed of Peat; if, in shaping a tract of land, theretofore “without form, and void,” you take soundings in a

light loam above and a porous leach beneath; you may felicitate yourself upon your lucky star! rest assured that you are in ELM PARK! and realize, to a blessed certainty, that all parties to the conveyance, thirty years ago, (an entire generation!) grantors and grantee alike, builded better and wiser than they knew.

Yet,—so long as anything further can be achieved, the COMMISSION will continue dissatisfied: they are their own severest critics. They look upon the green lawns and gleaming water; the blossoming shrub and the fragrant flower; the Pools, the Waterfowl and the lone Fisher*; not to omit the boats for exercise or recreation; the groves of natural Oaks, with those which were planted under their supervision; the broad landscape, stretching in an unbroken curve and far perspective, from Lincoln to Coes Square; with Schools and Hospitals, the tall chimnies of factories and the spires of Meeting-Houses, adding diversity to the fore; while the simple symmetry of Newton Hill completes the back-ground: but still their self-appointed stint falls short of perfection. They have been unable, as yet, to provide and maintain Skating in the open, out-door air, such as they, long since, established in imagination; and of which, in actual accomplishment and use, they do not now and mean never to despair. Sporting, in boyhood, over the frozen overflow, from North of Highland *Street* down through the Flagg meadow, to the flume of Gov. Lincoln by the edge of the present Russell *Street*; an enjoyment to share in which, with his pupils, when the writer reported the surface glairy, George Folsom used to dismiss school; they positively long to perpetuate a stirring and healthy combination of exercise and pleasure;—to which the wooden floor, the artificial light, the foul air, and the charge for admission, compare, as do the farthing rush-light to the luminous moon,—the limitations of the meagre purse to the unrestricted bounty of nature! Some more length of pipe, which the COMMISSION will try to scrimp from their appropriation, should they get what they have asked for the current year; a little spray from the clouds, after their condensation by that relic of Mediævalism—the mill-owner; and their subsequent appropriation, to

**Ardea herodias*.

its own uses, by that hive of industry—the modern city; a few casual jobs of employment for the faithful men whose sinewy hands have built ELM PARK; and the problem is solved. With nearer six than five superficial acres the Pools, even now, can scarcely accommodate the crowds that seek a temporary enjoyment. Thoroughly opened up, and with the ice kept clear, the test of another winter might indicate necessities constraining remedy.* If remedy, after all, should prove hopeless, the policy of a further enlargement of the water area could be considered; there being somewhat more than an acre that the COMMISSION might; were the want imperative, as they have trusted it would not become, excavate and transform. So long as Newton Hill rears itself, in immediate proximity, there can never be too great an expanse of Water. Since the form and bulk of an eminence, thus uplifted towards the sky in a landscape otherwise monotonous, will ever supply the indispensable counterpoise and foil.

The COMMISSION have invited attention, in former Reports, to the numerous Squares and Spaces at the intersection of highways, that are left desolate, when they might be improved at a slight expenditure of money and labor. A long list of those gores and jags of land, varying in area as in prominence, was given quite recently; which it ought not to be necessary to repeat, here. Such utter abandonment, surely, will not be tolerated, always. Take, for example, the extensive triangle where Cambridge, and Millbury, *Streets*, unite; a vicinity in which the speedy location of School, and Engine, Houses, is planned, if not already ordered. A noble *shade-tree* that ought to be made perfectly secure, but which cannot be properly

*But the children, even if of larger growth; the boys and girls,—should such old appellations be not wholly obsolete; must tag after, and not anticipate the COMMISSION. In this matter, especially, does haste make waste. Twice already, in this young Winter, the very eagerness of youth, without distinction of sex, to clear the surface of the pools, has over-reached itself. The slosh, shovelled into ridges, remains heaped up during thaw or rain; forming, as frost supervenes, an ugly, almost insuperable barrier when, otherwise, the surface would be smooth and unbroken. The practice of the COMMISSION has shown, and its motto might well be, that

“Patient waiters are no losers!”

guarded by this COMMISSION, so long as it is comprehended within the unrequired location of the roadway. They have not forgotten the wanton demolition, by the fast-trotting squad of the Highway Department, of that grand Elm, in *Park Avenue*, at its junction with *Salisbury Street*, felled before sunrise by those "six sharp axes!" At *Whitney Space*,—there should be a Kerb, a grass plat and a Jet d'Eau in the centre; whose spray might nourish verdure, while its overflow supplied fountains wherefrom man, and his subject animals, could allay their thirst in the parching heats of Summer. There may be such a thing as the enforcement of a *too-total* abstinence.

The COMMISSION would not fail to declare, thus publicly, their gratification at the signal improvement in the appearance of *Grant Square*, which, though owned in private, is yet substantially dedicated and thrown open to public enjoyment and use. In planning the work of renovation, as well as in superintending the actual operations, the energy and good judgment of *Councilman* Harrington became markedly conspicuous. It furnishes a most striking illustration of what might be accomplished, in dozens of other places, throughout the city; so that only the task be not postponed until the earth has been buried beneath brick and mortar, or is converted into pasturage for the golden calf.

Where shall the youth of Worcester, in future years, its young men and maidens, obtain and possess the right to outdoor exercise, and to the enjoyment of athletic sports, with the least possible restriction? Without such enjoyment they are liable to grow up awkward and nerveless; and thereafter to crown the process of scholastic evolution by degeneration into intellectual eunuchs. They must not coast! their sleds will collide with teams in transit, when there is not as there might be always, at some slight expense and trouble, an authorized and trusty outlook. They cannot skate! for snow falls; and the expenditure of money to keep clear and smooth the surface of the Pools, in *ELM PARK*, would be denounced as shiftless waste by Gradgrind, as he rakes in the profits from monopoly, spawned from the incestuous union of patent and protection.

The COMMISSION OF PUBLIC GROUNDS might weary in well-doing, had they not enlisted for life; and were not the cause deserving of their every energy. Boys and girls appeal to them, incessantly, for space wherein they may be allowed to play: but all through the city, their response must be, ever the same,—ungracious,—We have no room for you! Long years ago the use of the loaded base-ball, within the Public Grounds, was sternly forbidden by Municipal Ordinance. There are no superfluous acres convenient, and unoccupied, for Foot-Ball, or Lacrosse. Perhaps, in some secluded nook, scant space and verge might be assigned for that unique but melancholy stag-game, which, at the intersection of *Oread Place* with *Main Street*, in ages long ago, nightly renewed during the rutting season of Croquet, appeared to develop for all,—alike player or spectator,—a grim sense of dolorous enjoyment.

Worcester continues to expand and thrive, as we all wish may be its fortune forever. But, all the while, the territory is built upon; purchased for improvement in the near future; or monopolized for ultimate speculation. In the hurry and rush of business, who can stop to think of his own, or another's children, rigidly limited to the scrimped area of an ordinary house-lot; or cabined, cribbed, confined within the reeking walls of a crowded tenement-house! Mammon pursues his march,—greedy, insatiable; now and then protruding feelers to test the public pulse, as he even seeks the right of transit across the COMMON; cloaking the naked skeleton of his avarice beneath the transparent veil of an alleged imperative necessity. And no one pauses to reflect whither all this tends: to what it inevitably leads.

The COMMISSION OF PUBLIC GROUNDS would deem that they had worn out patience, and exhausted importunity, were their faith in the People less entire. But they know that no expenditure would be more cheerfully sanctioned, by those who have to pay a larger moiety of the taxes, than that which should make prompt provision for convenient and suitable play-grounds—ample and accessible COMMONS, or PARKS. And they know, further,—what must be obvious to all,—that the opportunity to make such provision is rapidly passing away, as settlement

encroaches upon vacant territory ; and speculation reaches out anticipating settlement. If the citizens of Worcester desire to convert their beautiful City into a mere pile of buildings ; where the brick shop shall frown upon the wooden shanty, smoke and grime pervading and oppressing both alike ; where the blooming gardens, once so frequent, shall be given up, because they cost too much to maintain or the land is too valuable ; where there shall be no COMMON, because it is coveted for *Streets*, and no PARKS, since there is no money in the Treasury wherewith to buy them, and the time will never come when there will be funds on hand for such a purpose ; then it would seem that their wish is in a fair way to be gratified. No man in authority manifests the courage of his convictions, in this matter, fearing, and by the very display of such fear ensuring, the loss of popularity. For the People ever detect and mistrust the man of infirm will, or weak purpose ; and are invariably ready, and even eager, to follow an audacious, if wise, leader. No man will lose caste in Worcester,—more than in Philadelphia, New York, or Boston,—who appreciates and makes the most of his opportunity, when it occurs, to provide for an imminent public need. Are there none in the City Council, at present, who dare to initiate, and push to a successful consummation, such measures as shall result in a suitable supply of Public Grounds for this prosperous and rapidly-growing City ?

If such Grounds ;—call them Parks, as you elect, although this COMMISSION will ever prefer the explicit and time-honored title of—COMMONS— ; shall not be acquired now, or measures taken for their timely procurement ; when, in the name of any rational enjoyment this side of the grave, will occasion serve better ? You are ready to introduce a new Water service, insisting only that the supply shall be adequate : and may have, at any time, to spend untold sums, in the ordinary event of the casual fracture of a main ; or to secure from the plague of a Drought, which is only not extraordinary since it has ceased to be exceptional. You under-run the earth with sewers, projecting them for miles ; piercing channels for a sluggish stream, compared, not inaptly, to the Styx, and only dissimilar, because the principal channel of that

fabled river in the classic hell was woefully lacking in dams! You erect School-Houses, more or less, annually, buying generous tracts of land for play-grounds: and, each year thereafter, you contract the open space by constructing new rooms to be added to the original edifice. It saves, in one sense, to cover the school-yard with brick and mortar. But, how is it with the Doctor's bill? At this time of writing, the yard of the Winslow *Street* School-House is marked for further encroachment. Does land cost so much, in that part of the City, that a new and separate lot cannot be obtained? Why not take a lesson from the Highway Department, improving upon the instruction? Why not purchase acres of gravel, skinning the surface for re-imbursement, and reserving the subsoil and fee-simple for an untaught generation!

Nothing can compare, in possible variety of use and enjoyment, with a Water-Park, which affords boating in summer and skating in winter. If, however, you can add to this the grove and lawn; the sunny nook or umbrageous copse; what is left to desire? Therefore has it been, for years, that this COMMISSION ceased not to urge upon the *Honorable* COUNCIL to lose no time in gaining possession of the western shore of *Lake Quinsigamond*, northward of the causeway: and influenced by such views was it that the subjoined note was prepared and submitted:

COMMISSION OF PUBLIC GROUNDS.

Worcester, Mass., Dec. 19th, A. D. 1882.

To the *Honorable* CITY COUNCIL—

The undersigned, *Chairman* of the COMMISSION OF PUBLIC GROUNDS, respectfully sets forth that, A. D. 1873, a Decree was adopted by the *Honorable* COUNCIL locating and establishing what has since been known, by lawful denomination, as *Lake Avenue*:—

That a portion of said Avenue has been worked and converted to the public enjoyment and use;—

That, although to some extent originally perverted from its direct aim; and, to a lesser degree, neglected in its immediate and obvious purpose; its construction has thoroughly justified itself, by the diversion, from the denser settlements of the City, of some portion of the population, which has been thus enabled to find, in the neighborhood of *Lake Quinsigamond*, pleasant resorts and cheaper as well as healthier homes. The aggregate municipality deriving a sufficient return in the resultant taxation upon the improvements

that it invited, with the reluctance characteristic of all similar bodies politic:

And the undersigned would further represent that the Location of said Lake Avenue is binding and conclusive. As well upon the Commonwealth, which conceded the right of way through and throughout its domain; as well upon individuals, who granted like and equivalent concessions; as upon the City which, having realized benefit from enterprise consequent upon its former action, is bound, alike in honor, and by a clear perception of its opportunities, to complete its engagements.

Wherefore the undersigned petitions the *Honorable CITY COUNCIL* to order the construction, during the current winter, of so much of Lake Avenue, as may be comprised within the Location, already decreed and on file, as extends from Belmont *Street*, northwardly; to its intersection with Lincoln *Street*;

To the end that the western shore of Lake Quinsigamond may be thrown open once more to the People, and rendered as freely accessible as when the title to the land was vested in individual farmers!

And with the ulterior purpose and ultimate aim, when said Lake Avenue shall have been thus extended and constructed, of obtaining from the Commonwealth, perhaps also from individual owners, all the land lying between said Avenue and Lake for the common enjoyment and use, in perpetuity, as a PUBLIC PARK, or COMMON.

Very respectfully,

EDWARD WINSLOW LINCOLN,

Chairman.

It is not so very long since that shore was a favorite resort of our whole community; when the name and fame of Regatta Point was bruited throughout the Republic. Boating may have fallen into temporary disrepute: but the Lake and the landscape continue, in perennial beauty, enticing casual visitors and inviting the not infrequent picnic. Still it is felt to be an intrusion; and only not a trespass because the land belongs to the Commonwealth. Now why should it not become the property of the People? with absolute freedom to come and go;—to stay, or keep away. Its use and enjoyment, as a PUBLIC PARK, would injure no one; and need not diminish any essential privileges of the Hospital. The extension of Lake Avenue would supply a convenient and ineffaceable line of demarkation between the absolute territory of the Commonwealth, wherefrom it might be desirable to exclude the community. At the same time there would be provided a way of inter-communication, and transport, to and from the Northern and Southern extremities of that vast

domain; obviating, in a measure, the need of cart-paths and lanes, which are always a nuisance wherever they are not indispensable. Seeking no selfish or exclusive occupation, there can be no good reason why the City should not be able to acquire the title of the Commonwealth upon reasonable terms. It would be monstrous,—were our People to be debarred from an enjoyment, almost their own by prescription, because an edifice, upon a remote summit within those broad acres, is thronged with the irrational and demented! A COMMON does not mean, and cannot be made to intend, monopoly. Every inmate of the Hospital, permitted to be at large and to mingle with his fellow-men, would retain all the rights that he now has: but the community in general would feel a new and complete sense of freedom, where they are now galled by a perception, however faint or impalpable, of simple sufferance.

The most frequent objection to an extension of Lake Avenue, northward, is that the location of the road-way so far as constructed, to the south of Belmont *Street*, was diverted to such a distance inland from the Lake. Without stopping to inquire into the fact, or its latent causes, it is sufficient to know that a remedy for that oversight, or deliberate perversion, is easily found. The Decree, establishing that Avenue, provides for a Bridle Path, forty feet wide, by the shore of the *Lake*, which can be built at any time and the main road discontinued upon its completion. In this way some expense of maintenance might be saved; the original plan of this COMMISSION fulfilled; while simultaneously the water-scape would be developed in all its natural beauty. The weakest occupation in which grown men can waste time is, — whining over mistakes that they have the power to correct and redress.

The reply to a request for certain views of the COMMISSION, as expressed in its Reports upon this whole subject, may be found subjoined: and, in said reply, a suggestion for the requisite legislative action. It would seem most advisable, however, should it be determined to establish a PARK along the Western shore of *Lake Quinsigamond*; obtaining therefor the superfluous land of the Commonwealth; to make the project so

comprehensive as to embrace the grander idea of a WATER-PARK: and to solicit, at one and the same time, whatever and all the legislation that might be necessary.

COMMISSION OF PUBLIC GROUNDS.

Worcester, Mass., Dec. 17, A. D. 1881.

Col. E. B. STODDARD, *Mayor Elect.*

My Dear Sir:

I send you such Reports as I can find. If that which you want is deficient, you will find it in the City Documents.

LAKE AVENUE should be worked Northwardly—towards the Poor-Farm. That will make it useful: now, it is not.

As to the WATER PARK; I think that something like the old Metropolitan Police District of New York will be found indispensable. Shrewsbury parting with jurisdiction in consideration of the order and supervision that Worcester; thus enlarged into a territorial district transcending its town lines; should be required to maintain.

Wishing you all success in your arduous duties, I remain most sincerely yours,

EDWARD WINSLOW LINCOLN.

Judicious, if somewhat timid, citizens, sometimes urge that there would be difficulty in maintaining good order in a Public Park along the Lake Shore. It is not pretended that acts of violence are frequent, if committed at all, throughout the existing solitudes. The contention would appear to be, that where multitudes assemble the spirit of misrule is dominant; and that a desert must be preferred, so that it is peaceful, to a charming landscape that might necessitate some moderate outlay, or effort, to cultivate the pinks of propriety. But this COMMISSION cherish a more abiding faith in human nature: taking no stock in the clerical disparagement that the old Adam is especially rampant among the people of Worcester. While mischief is occasionally detected, in ELM PARK, it is believed to be, oftener than not, the result of thoughtlessness or downright ignorance. Wanton injury grows more rare, as the community learn that it is their own property which is harmed; and that it is the interest of each to keep up a needful outlook for all. Besides,—as a knowledge of flowers and plants gets more widely diffused, it is evident that depredations diminish in number and extent. It would not be possible, were it at all desirable, to transform a Park, by the Lake, into a garden. The remarkable diversity of soil in

ELM PARK; coupled with its capabilities for ornamental water; enabled the COMMISSION to prosecute the design of a Flower-Garden and Shrubbery, such as they would never even attempt, in any spot less favored by nature. But the sloping shores and verdant lawns by *Lake Quinsigamond*, require no alteration; are far better let alone; and may assuredly be trusted to the safeguard of a population, as owner, which never marred their unadorned beauty although admitted to their enjoyment by mere toleration.

“When Sir Francis Crossley presented a Park to the working-men of Halifax (Eng.) he said ‘I attribute the great success, which has enabled me to make this gift to my fellow-townsmen, to this circumstance that, when we first passed through the gates of the big mill yonder, my mother said “If the Lord prosper us in this place, the poor shall taste of it!” How could the poor taste of it more sweetly than in a place of healthful rest and recreation? Ought not such places to be multiplied, not only by individual munificence, but by public combination? Surely one of the first anxieties of a government should be the physical, as well as the moral, condition of the people. Surely the commercial man, the employer of labor, must perceive in his consideration of profit and loss, if he have no higher motive, the prime importance of that power, which health alone can give, to see quickly, and strike strongly, and endure continuous work. How much more then, should the Christian, who professes to regard all men as brethren, who has been taught that if one member suffer all the members suffer with it, how much more should he strive to brighten the lives and lighten the burdens of the sons of toil?’”

Thus speaks the President of the National Rose Society of England, *Canon S. Reynolds Hole*, in an address to Working-men, at the Derby meeting of the Church Congress. Pervading, and to some extent corrupting, that address, runs the European theory of a paternal government, which would develop the human being into a more complete animal for the carrying of arms and the endurance of burdens too grievous to be borne. We, who form governments, and of whom they consist; who are

both ruled and rulers ; can discriminate, accepting what is good of that or other doctrine, nor less emphatically rejecting the bad. We may wonder, now and then, if the latter-day Pharisees whether by direct descent or fore-ordination ; intermitting their spasmodic deliverances prior to each municipal election in behalf of an enforced asceticism ;

Compounding sins they are inclined to
By damning those they have no mind to ;

and contemplating the modern sons of men eating and drinking beneath the clear skies of June, in a temple not made with hands ; would echo the denunciations of their prototypes, declaring the great majority gluttonous and wine-bibbers, and, as such, having a devil ! But we will prefer to hope that the example of the great Teacher may not be wholly fruitless ; that, even as He wandered through the live-long days and lingering twilights of Judæa ; affording no offence to the well-meaning, and taking none because they were civilly disposed, His living disciples may at last coerce their professions into harmony with His practice. Then shall every man mind his own business and find full occupation. Then shall the earth and its fulness indeed enure to the saints ; even Pecksniff becoming as a little child and getting sanctified thereby. And thereafter shall ensue that peace of God which passeth understanding : but of which some faint comprehension illumines his mind, who looks forth upon the world as He fashioned it ; and in a devout spirit of gratitude would fain enjoy ; nor, enjoying, scruple to derive pleasure from witnessing the innocent delight of others.

All which is respectfully submitted,

(by)

EDWARD WINSLOW LINCOLN,

Chairman.

Worcester, Massachusetts, January 22d, A. D. 1883.

APPENDIX.

PUBLIC PARKS.

AN ACT UNDER WHICH CITIES AND TOWNS MAY LAY OUT PUBLIC PARKS.

SECTION 1. Any town in this commonwealth which accepts the provisions of this act in the manner hereinafter prescribed may, at a legal meeting called for that purpose, elect three competent persons who shall constitute a board of park commissioners for such town, and may prescribe their terms of office; and the mayor of any city which in such manner accepts said provisions may, with the approval of the city council, as soon as may be after such acceptance, appoint five competent persons who shall constitute a board of park commissioners for such city, and who shall hold their offices until the expiration of terms of one, two, three, four and five years respectively, from the first Monday in May next following such appointment; and the mayor shall, before the first Monday in May in each year thereafter, with like approval, appoint one such commissioner to continue in office for five years from the expiration of the term of the commissioner then next outgoing. No person shall be such commissioner who is at the same time a selectman or other officer of such town, or a member of the city council, clerk or treasurer of such city; and any such commissioner may be removed by a vote of two-thirds of the legal voters of such town, at a legal meeting called for the purpose, or by a concurrent vote of two-thirds of the whole of each branch of such city council.

SECT. 2. Any vacancy occurring in such board shall be filled for the residue of the term of the commissioner whose place is to be filled in the same manner in which such commissioner was originally appointed. Such commissioner will serve without compensation.

SECT 3. Such boards of park commissioners shall have power to locate within the limits of their respective towns or cities a public park or parks, and for that purpose from time to time to take in fee by purchase, gift, devise or otherwise, any and all such lands as they may deem desirable therefor, or to take bonds for the conveyance thereof to their respective towns or cities; to lay out and improve any such park or parks; to make rules for the use and government thereof, and for breaches of such rules to affix penalties not exceeding twenty dollars for one offense, to be imposed by any court of competent jurisdiction; to appoint all necessary engineers, surveyors, clerks and other officers, including a police force to act in such parks; to define the powers and

duties of such officers and fix the amount of their compensation ; and generally to do all acts needful for the proper execution of the powers and duties granted to or imposed upon such town or city, or upon such boards by this act ; provided, however, that no land shall be taken, or any other thing involving an expenditure of money be done under this act until an appropriation sufficient to cover the estimated expense thereof shall in a town have been made by a vote of two-thirds of the legal voters present, and voting in a legal town meeting called for the purpose, or in a city by a vote of two-thirds of each branch of the city council ; and such expenditures shall in no case exceed the appropriations made therefor, and all contracts made for expenditures beyond the amount of such appropriations shall be void ; provided, further, that in a town no taking of land otherwise than by purchase shall be valid unless such taking is reported to the town, filed, accepted and allowed, as provided by section seventy-one of chapter forty-nine of the Public Statutes in the case of laying out town ways.

SECT. 4. Such board shall, within sixty days after the taking of any land under this act, file and cause to be recorded in the registry of deeds for the county or district in which any land so taken is situated, a description thereof sufficiently accurate for identifying the same.

SECT. 5. Such boards shall respectively estimate and determine all damages sustained by any person by the taking of land, or by other acts of such boards in the execution of the powers vested in them respectively by this act ; but a person aggrieved by any such determination of the board may have his damages assessed by a jury of the superior court, in the same manner as is provided by law with respect to damages sustained by reason of the laying out of ways. If upon trial damages are increased beyond the award, the party in whose favor the award was made shall recover his costs ; otherwise he shall pay costs ; and costs shall be taxed as in civil cases.

SECT. 6. The fee of any land taken or purchased by such boards in any town or city for a park under this act shall vest in the town or city in which said park is laid out ; and such town or city shall be liable to pay all damages assessed or determined, as provided in the preceding section, and all other costs and expenses incurred by its board of park commissioners in the execution of the powers vested in such board by this act. Any town or city shall also be authorized to take and hold in trust or otherwise any devise, grant, gift or bequest that may be made for the purpose of laying out, improving or ornamenting any park or parks therein.

SECT. 7. The boards of park commissioners in their respective towns and cities shall have the same authority to determine the value of, and assess upon real estate the amount of betterments accruing to said real estate by the locating and laying out of a park or parks under this act that is conferred by chapter fifty-one of the Public Statutes upon boards of city or town officers authorized to lay out streets or ways ; and the provisions of the first eight sections of said chapter relating to ways shall apply to such assessments by boards of park commissioners in respect to the location and laying out of parks as

aforesaid ; provided, however, that no assessment shall be laid upon any real estate except such as abuts upon the park from the laying out of which the betterment accrues, or upon a street or way bounded by such park.

SECT. 8. Any town or city in which a public park is laid out under this act may raise, appropriate and expend such sums of money as may be deemed best for the purchase and improvement of such park or parks, subject to the laws of this commonwealth limiting municipal indebtedness.

SECT. 9. For the purpose of defraying the expenses incurred under the provisions of this act, the city council of any city shall have authority to issue from time to time, and to an amount not exceeding the sum actually expended for the purchase or taking of lands for a park or parks, bonds or certificates of debt, to be denominated on the face thereof the "Public Park loan," and to bear interest at such rates and to be payable at such times as said city council may determine. For the redemption of such loan such city council shall establish a sinking fund sufficient, with the accumulating interest, to provide for the payment of such loan at maturity. All amounts received for betterments shall be paid into such sinking fund until such fund shall amount to a sum sufficient with its accumulations to pay at maturity the bonds for the security of which the fund was established.

SECT. 10. All lands taken or held under this act shall be forever kept open and maintained as a public park or parks. No building covering more than six hundred square feet shall be placed or allowed to remain on any such park ; and no street or way, and no steam or horse railroad, shall be laid out over any portion of a park located under this act, except at such places and in such manner as the board of park commissioners shall approve.

SECT. 11. No military encampment, parade, drill, review, or other military evolution or exercise, shall be held or performed on any park laid out as aforesaid, except with the consent of said board, nor shall any military body without such consent enter or move in military order within such park, except in case of riot, insurrection, rebellion or war.

SECT. 12. All such boards of park commissioners shall make reports of their respective doings, including detailed statements of all receipts, expenditures and liabilities for the preceding year ; such reports to be made in towns at the annual town meetings, and at such other times as the town may direct, and in cities to the city council annually in the month of December.

SECT. 13. This act shall not take full effect in any town or city unless accepted by a majority of the legal voters of such town or city present and voting thereon by ballot and using the check list, at a meeting or meetings notice whereof has been duly given at least seven days beforehand. Such ballots shall be "yes" or "no" in answer to the question, "Shall an act passed by the legislature of the commonwealth in the year eighteen hundred and eighty-two, entitled 'An act authorizing towns and cities to lay out public parks within their limits,' be accepted?" In a town such meetings shall be called and

notified in the manner in which meetings for the election of town officers are called and notified ; and in a city meetings to act thereon shall be held at one time in the usual voting places of the city, on such days as shall be designated by the board of aldermen at any regular meeting, and shall be called and notified by the board of aldermen in the manner in which meetings for the election of municipal officers are called and notified. The ballots cast shall be assorted, counted and public declaration made thereof in open town or ward meeting, and the number of ballots respectively cast shall be registered in the town or ward records as the case may be. The clerk of each ward in a city shall, within forty-eight hours of the close of the polls, make return to the board of aldermen of the number of ballots cast in his ward in favor of the acceptance of this act, and of the number cast against its acceptance. The selectmen and town clerk of a town, and the board of aldermen of a city in which such meeting or meetings are held, shall certify, as soon as may be thereafter, to the secretary of the commonwealth, the whole number of ballots cast in favor of the acceptance of this act, and the whole number cast against its acceptance ; and if it shall appear that a majority of the ballots have been cast in favor of acceptance, the said secretary shall immediately issue and publish his certificate declaring this act to have been duly accepted by such town or city.

SECT. 14. No second meeting for the purpose of voting upon the question of accepting this act shall be called within twelve months from the first, unless the first meeting shall have failed through illegality or irregularity in the proceedings.

SECT. 15. This act shall take effect upon its passage.

Approved April 13, 1882.

BY - L A W S

OF THE

COMMISSION OF PUBLIC GROUNDS,

OF THE CITY OF WORCESTER.

1. No person shall be suffered to affix, in any manner whatsoever, advertisements, handbills, placards, posters, or written or printed notices, to any of the Shade Trees of the City.

2. Dogs are prohibited in Elm Park, unless under the direct control and restraint of their owner; otherwise they will be regarded and treated as outlaws. Owners of dogs will be held personally responsible for any damage done by their animals.

3. All persons are hereby forbidden—

To place any erection or obstruction on the Common or Parks of the City.

To catch, trap or shoot Birds or take Birds' nests.

To injure, damage, destroy or dig up any turf, shrubs, trees or plants, or break up or destroy the surface of the Common or Parks, or light any fire upon them.

To deposit any rubbish, manure, cinders, road sweepings, bricks, timber, building materials, or other substances, upon the Common or Parks of the City, or in any pond or basin of a fountain in said Common or Parks, or in any manner to fill up, defile, or pollute the same.

To place any carriage, cart, or other vehicle on the Common or Parks of the City, or upon the foot-paths over the same.

To fire any gun or other fire-arm (except of the Militia of the Commonwealth), or throw any stick, stone, or other missile.

Or generally, to act in a disorderly manner, or to commit any nuisance, or do any act tending to disfigure or injure the Common or Parks or annoy or hurt any person frequenting them for the purpose of exercise, recreation, or transit.

Under penalty of Ten Dollars (\$10.00) for each offence, to be paid to the person whose testimony shall secure a conviction.

CITY CHARTER—Section 21.

* * * * And said Board may make all necessary by-laws and regulations in the execution of their trust not inconsistent with this Act and the Laws of the Commonwealth, as they shall deem expedient.

Approved, April 30, A. D. 1866.

WORCESTER SCHOOLS.

ORGANIZATION OF THE SCHOOL COMMITTEE

OF THE

CITY OF WORCESTER,

SEPTEMBER, 1882.

ELIJAH B. STODDARD, PRESIDENT.

ALBERT P. MARBLE, SUPERINTENDENT AND SECRETARY.

464 MAIN STREET.

Members whose term expires January, 1885. Members whose term expires January, 1884. Members whose term expires January, 1883.

AUSTIN P. CRISTY,	GEORGE W. PHILLIPS,	REBECCA BARNARD,
CHARLES M. LAMSON,	FORREST E. BARKER,	SARAH B. EARLE,
EUGENE M. MORIARTY,	DENNIS SCANNELL,	JOHN J. CASEY,
JOHN B. COSGROVE,	JEREMIAH MURPHY,	JOHN J. MCCOY,
GEORGE C. REIDY,	THOMAS J. CONATY,	OWEN H. CONLIN,
ALZIRUS BROWN,	GEORGE H. BALL,	ASAPH R. MARSHALL,
HENRY L. PARKER,	KATE C. TAFT,	EMERSON WARNER,
GEORGE SWAN.	RUFUS WOODWARD.	GEORGE E. FRANCIS.

STANDING COMMITTEES.

ON SCHOOL-HOUSES.—Messrs. Brown, Murphy, Cosgrove, Barker and Reidy.

ON BOOKS AND APPARATUS.—Mr. Warner, Mrs. Earle, Messrs. Phillips, Scannell and Parker.

ON TEACHERS.—Superintendent *ex-officio*, and Messrs. Conaty, Lamson, Swan, Francis and Ball.

ON FINANCE.—The Mayor *ex-officio*, Messrs. Swan, Marshall, Woodward, Moriarty and Casey.

ON APPOINTMENTS.—Superintendent *ex-officio*, Miss Barnard, Mrs. Taft and Messrs. McCoy, Conlin and Cristy.

The Committee of Visitation shall exercise a general supervision over the schools to which they are severally assigned, and shall visit them according to the provisions of the statutes, not less than once in four weeks, and generally during the week preceding the monthly meeting of the board at which they shall report their condition.—[Rules, Chap. 3, Sec. 6.]

Though each school is assigned to a special committee, yet every member of the Board shall consider it his duty to watch over all the public schools of the city, to attend their examinations, and visit them at other times as his convenience will permit.—[Sec. 7.]

VISITING COMMITTEES.

HIGH SCHOOL.

COMMITTEES.

Messrs. Warner, Conaty, Lamson, Swan, Mrs. Earle, Messrs. Woodward, McCoy and Ball.

TEACHERS.

Alfred S. Roe, Principal.	
A. Carey Field,	Mary P. Jefts,
William F. Abbot,	Mary A. Parkhurst,
Joseph H. Perry,	Rachel L. Moore,
Charles S. Chapin,	Josephine L. Sanborn,
	Mary L. Bridgman,
	Alice Goddard,
	Nellie M. White,
	Annie L. Fifield.

The ROMAN NUMERALS designate the ROOMS to which members of committees are specially assigned, and the GRADES according to the course of study.

BELMONT STREET.

COMMITTEE.	TEACHERS.	GRADE.
Mrs. Earle,	Arthur G. Lewis, Principal,	IX
Mrs. Earle,	Emma C. McClellan,	Asst.
Mrs. Earle,	Mary H. Warren,	VIII
Mrs. Earle,	Sarah L. Phillips,	VII
Mrs. Earle,	Francis P. McKeon,	VI
Ball,	Tirzah S. Nichols,	VI
Ball,	Jennie L. Dearborn,	V
Ball,	Esther G. Chenery,	V
Ball,	Carrie P. Townsend,	IV
Ball,	Mattie A. Collins,	IV
Cristy,	Carrie A. Smith,	III
Cristy,	Mary A. Sanborn,	III
Cristy,	Anna M. Smith,	II
Cristy,	Anna M. Waite,	II
Cristy,	Lilla F. Upton,	I
Cristy,	Ida M. McCambridge,	I

DIX STREET.

COMMITTEE.	TEACHERS.	GRADE.
Lamson,	William H. Bartlett, Principal,	IX
Lamson,	Clara Manly,	Asst.
Lamson,	Mary C. Ainsworth,	VIII
Lamson,	Effie F. Kinne,	VII
Casey,	Minnie W. Sherman,	VI
Casey,	Martha P. Valentine,	V
Casey,	Susie W. Forbes,	IV
Casey,	Esther B. Smith,	III
Mrs. Taft,	Alice W. Giddings,	II
Mrs. Taft,	Alice E. Johnson,	II-I
Mrs. Taft,	Harriet Lightbourn,	I

WALNUT STREET.

COMMITTEE.	TEACHERS.	GRADE.
Miss Barnard,	Nellie C. Thomas, Principal,	VIII
Miss Barnard,	Kate A. Meade,	VII
Miss Barnard,	Ella M. McFarland,	VI
Phillips,	Eunice M. Gates,	V
Phillips,	(<i>Olive G. Davidson.</i>)	
Phillips,	Kate A. Coughlin,	IV-III
Phillips,	Mary E. McCormick,	II-I

WOODLAND STREET.

COMMITTEE.	TEACHERS.	GRADE.
Mrs. Taft,	Edward I. Comins, Principal,	IX
Mrs. Taft,	Annie C. Wyman,	Asst.
Mrs. Taft,	Ann S. Dunton,	VIII
Mrs. Taft,	Mary M. Lawton,	VII
Mrs. Taft,	Edward D. Fitch,	VI
Warner,	Carrie R. Clements,	VI-V
Warner,	Martha T. Wyman,	V
Warner,	Sarah J. Melanefy,	IV
Warner,	M. Rosalie Goddard,	IV-III
Reidy,	Maggie I. Melanefy,	III
Reidy,	Ella E. Goddard,	II
Reidy,	Maggie A. Flaherty,	II
Reidy,	Emma Buckley,	I
Reidy,	Mary E. Proctor,	I

WASHINGTON STREET.

COMMITTEE.	TEACHERS.	GRADE.
Murphy,	Charles T. Haynes, Principal,	IX
Murphy,	Ida L. Gaskill, Assistant,	IX
Murphy,	Mary A. Hathaway, Assistant,	IX

LAMARTINE STREET.

COMMITTEE.	TEACHERS.	GRADE.
Cosgrove,	J. Chauncey Lyford, Principal,	VII
Cosgrove,	Sarah M. Averill,	Asst.
Cosgrove,	Ida A. Tew,	VI
Cosgrove,	Louise A. Dawson,	V
Moriarty,	Mary E. Kavanagh,	V
Moriarty,	Ellen T. Shannon,	IV
Moriarty,	F. Belle Perry,	IV
Moriarty,	Anna M. Murray,	III
Parker,	Emma M. Plimpton,	III-II
Parker,	Emma F. Brown,	II
Parker,	Ida F. Boyden,	I
Parker,	Mary B. Wheatley,	I

LEDGE STREET.

COMMITTEE.	TEACHERS.	GRADE.
McCoy,	Charles C. Woodman, Principal,	IX
McCoy,	Margaret M. Geary,	Asst.
McCoy,	Emma L. Cowles,	VIII
McCoy,	Maria P. Cole,	VIII-VII
McCoy,	Kate A. McCarthy,	VII
Conlin,	Mary J. Packard,	VI
Conlin,	Alice G. McMahon,	V-IV

Conlin,	Frances M. Athy,	V
Conlin,	Marion C. Tucker,	IV
Brown,	Mary E. D. King,	III
Brown,	Mary V. Callaghan,	II
Brown,	Fanny A. Williams,	I
Brown,	Carrie E. Howe,	I

THOMAS STREET.

COMMITTEE.	TEACHERS.	GRADE.
Brown,	Harriet G. Waite, Principal,	VIII
Brown,	Mary E. Houghton,	Asst.
Brown,	Abbie C. Souther,	VII-VI
Brown,	S. Lizzie Wedge,	VI
Brown,	(<i>Belle H. Tucker.</i>)	
Miss Barnard,	Ella A. Casey,	V
Miss Barnard,	Mary E. Fitzgerald,	V-IV
Miss Barnard,	Hattie W. Bliss,	IV
Miss Barnard,	(<i>Lucia N. Jennison.</i>)	
Lamson,	Eudora A. Dearborn,	III
Lamson,	Rosa I. Seavey,	III-II
Lamson,	Addie E. Sprague,	II
Lamson,	Mary E. Barnard,	I
Lamson,	Jennie C. Clough,	I

SYCAMORE STREET.

COMMITTEE.	TEACHERS.	GRADE.
Conlin,	M. Ella Spalding, Principal,	VIII
Conlin,	M. Louise Rice,	VII
Conlin,	A. Teresa Timon,	VI
Conlin,	Susie A. Partridge,	V
Murphy,	Hattie S. Hagen,	IV
Murphy,	Sarah W. Clements,	III
Murphy,	Ida A. E. Kenney,	II
Murphy,	Eliza J. Day,	I

EAST WORCESTER.

COMMITTEE.	TEACHERS.	GRADE.
Casey,	Ella W. Foscett, Principal,	VI
Casey,	Minnie M. Parmenter,	Asst.
Casey,	Annie Brown,	V
Casey,	Mary E. C. Carroll,	V-IV
Francis,	Julia A. Bunker,	IV
Francis,	Kate C. Cosgrove,	III
Francis,	Aloysia Radcliffe,	III
Scannell,	Mary E. Russell,	II
Scannell,	Mary J. O'Connor,	II
Scannell,	Maggie E. Magone,	I
Scannell,	Anna T. Kelley,	I

PROVIDENCE STREET.

COMMITTEE.	TEACHERS.	GRADE.
Scannell,	Etta A. Rounds, Principal,	VIII
Scannell,	Mary F. Harrington,	VII
Scannell,	Sarah J. Newton,	VI
Scannell,	Mary A. Egan,	V
Swan,	Esther E. Travis,	IV
Swan,	S. Cornelia Chamberlin,	III
Swan,	Ella J. Lyford,	II
Swan,	Mary A. Kane,	I

GRAFTON STREET.

COMMITTEE.	TEACHERS.	GRADE.
Conaty,	Bridget T. Carlon, Principal,	V
Conaty,	Evelyn E. Towne,	IV
Conaty,	Kate A. McLoughlin,	III
Cosgrove,	Margaret J. McCann,	II
Cosgrove,	Carrie M. Adams,	I
Cosgrove,	Ella J. Emerson,	I

ASH STREET.

COMMITTEE.	TEACHERS.	GRADE.
Phillips,	Mary J. Mack, Principal,	VI
Phillips,	Mary S. Eaton,	V
Phillips,	Mabel Crane,	IV
Conaty,	Kate A. Fallon,	III
Conaty,	Sarah A. Boyd,	II
Conaty,	Marina H. Tucker,	I

SOUTH WORCESTER.

COMMITTEE.	TEACHERS.	GRADE.
Swan,	Carrie A. George, Principal,	VIII
Swan,	Amelia M. Walker,	VII
Swan,	Kate E. Kenney,	VI
Swan,	Ellen M. Boyden,	V
Woodward,	Mary O. Whitney,	IV
Woodward,	Lydia W. Ball,	III
Woodward,	(<i>Mary B. Dudley.</i>)	
Woodward,	Mary C. Paige,	II
Woodward,	Maggie A. Mahony,	I

OXFORD STREET.

COMMITTEE.	TEACHERS.	GRADE.
Francis,	Ella L. Dwyer, Principal,	VIII
Francis,	Janet Martin,	VII
Francis,	Ella K. Morgan,	VII-VI
Francis,	Mary L. Norcross,	V
Marshall,	Nettie A. Murray,	V-IV
Marshall,	Emma J. Houghton,	IV
Marshall,	Mary F. Barker,	III
Marshall,	M. Gertrude Griggs,	II
Marshall,	Catherine T. Nevins,	I

WINSLOW STREET.

COMMITTEE.	TEACHERS.	GRADE.
Cristy,	Amy E. Hopson, Principal,	VI
Cristy,	Lucy Lewisson,	V-IV
Phillips,	Josephine A. Hunt,	IV
Phillips,	Alice E. Meriam,	III

SALEM STREET.

COMMITTEE.	TEACHERS.	GRADE.
Parker,	Minnie F. Whittier, Principal,	IV
Parker,	Mary O. Whitmore,	III
Barker,	Nellie F. Lindsay,	II
Barker,	Nellie J. Carlon,	I

EDGEWORTH STREET.

COMMITTEE.	TEACHERS.	GRADE.
Barker,	Ella E. Roper, Principal,	VIII-VII
Barker,	Sarah Brigham,	VI
Barker,	Anna P. Smith,	V
Barker,	Sarah M. Brigham,	IV
Barker,	Jennie E. Maloney,	IV-III
Parker,	Hattie G. Gates,	III
Parker,	Julia E. Greenwood,	II
Parker,	Anna H. Newton,	II-I
Parker,	Selma P. Ahlstrom,	I

NEW WORCESTER.

COMMITTEE.	TEACHERS.	GRADE.
Moriarty,	Charlotte H. Munger, Principal,	VIII-VII
Moriarty,	Mattie Howe,	Asst.
Moriarty,	S. Lizzie Carter,	VI-V
Moriarty,	M. Ella Clark,	IV
Mrs. Earle,	Jennie M. Tainter,	III
Mrs. Earle,	Hattie S. Putnam,	II
Mrs. Earle,	Rebecca H. Davie,	I

SUMMER STREET.

COMMITTEE.	TEACHERS.	GRADE.
Ball,	Abbie A. Wells, Principal,	V
Ball,	Mary A. Hayward,	IV
Ball,	Carrie F. Meriam,	III
Moriarty,	Mary A. Gauren,	II
Moriarty,	Arabell E. Burgess,	I

QUINSIGAMOND.

COMMITTEE.	TEACHERS.	GRADE.
Warner,	Richard H. Mooney, Principal,	VII-VI
Warner,	Helena M. Kalaher,	V
Warner,	Edna Currier,	IV
Reidy,	Ella E. Hall,	III
Reidy,	Mary A. Winter,	II
Reidy,	Olive M. Butler,	I

MASON STREET.

COMMITTEE.	TEACHERS.	GRADE.
Woodward,	Mary E. Pease, Principal,	II
Woodward,	Effie L. Bennett,	I
Woodward,	Hattie B. Andrews,	I

ADRIATIC.

COMMITTEE.	TEACHERS.	GRADE.
Marshall,	Emma A. Porter, Principal,	VII
Marshall,	Sarah E. Rogers,	VI
Marshall,	Lizzie E. Chapin,	V
Marshall,	Mary A. Rourke,	IV
McCoy,	Abby B. Shute,	III
McCoy,	Mary E. Buxton,	II
McCoy,	Cora A. Baldwin,	I
McCoy,	Mary M. Bowen,	I

UNION HILL.

COMMITTEE.

Reidy,
Reidy,

TEACHERS.

Mary A. Kean, Principal,
Etha M. Stowell,

GRADE.

IV-III
II-I

SUBURBAN.

COMMITTEE.

Barker,

Phillips,
Mrs. Taft,
Cosgrove,
Cristy,
Miss Barnard,
Barker,
McCoy,
Mrs. Earle,
Conlin,
Marshall,
Marshall,

PLACE.

Northville,

Tatnuck,
Trowbridgeville,
Blithewood,
Bloomingdale,
Adams Square,
Burncoat Plain,
North Pond,
Chamberlain,
Lake View,
Valley Falls, Eliza J. Seaver,
Valley Falls, Georgianna M. Newton, III-I

TEACHERS.

Elida M. Capen.
(*Anna DeW. Pearce.*)
Elma L. Studley.
Eva E. Stone.
Edward A. Quinland.
Jennie L. Higgins.
Caroline I. Stone.
Thomas W. Butler.
Peter A. Conlin.
Fanny R. Spurr.
Emma G. Goodwin.
VI-IV

DRAWING.

COMMITTEE.

Mrs. Earle, Messrs. Murphy, Francis, Parker and Barker.

TEACHER.

Walter S. Perry.

MUSIC.

COMMITTEE.

Messrs. Cosgrove, Woodward, McCoy, Miss Barnard and Mrs. Taft.

TEACHER.

Seth Richards.

EVENING SCHOOLS.

COMMITTEE.

Messrs. Conaty, Francis, Casey, Mrs. Taft and Cristy.

TRUANT OFFICERS.

Henry E. Fayerweather,

Wm. Hickey.

SUPERINTENDENT'S REPORT.

To His Honor the Mayor, and the School Board of Worcester :

IN conformity to your regulations, I submit the following as my Fifteenth Annual Report; and by these regulations this report, which it is the duty of the Superintendent to prepare, becomes the report of the School Board to the public, and the school authorities of the State.

ABSTRACT OF STATISTICS. FOR THE YEAR 1882.

I. POPULATION.

Population, Census of 1880,	58,295
Estimated population,	65,000
Children between the ages of five and fifteen, May, 1882,	12,286

II. FINANCIAL.

Valuation, May, 1882,	\$45,504,512 66
Increase for the year,	2,807,982 66
City debt, December, 1882, less cash and Sinking Fund,	2,207,503 62
State, county and city tax, 1882,	827,025 72
Rate of taxation,	.0174
Value of school-houses and lots,	851,720 00
Other school property,	68,085 40
*Ordinary expenses of schools,	164,610 61
Per cent. of same to valuation,	.0036
Per cent. of same to whole tax,	.199
Repairs of school-houses, furniture and stoves,	7,199 58
	<hr/>
	\$171,810 19
 New furniture,	 \$978 18
Rents,	940 64
	<hr/>
	\$1,918 82
 Expended for all purposes,	 \$173,729 01

*See detailed Statement in Secretary's report.

Average cost per scholar for day schools, including ordinary repairs,		18 65
Average cost for all schools, including ordinary repairs,		18 11
Same last year,	\$16 47	
Cost of evening schools,		2,382 32
Average per scholar,	10 21	
Cost of evening drawing schools,		1,425 33
Average per scholar,	7 61	
Cost of High School,		16,613 87
Increase,	1,041 76	
Average per scholar,	44 37	
Increase,	2 30	
Expended by City Council for new school-houses,		9,923 32

III. SCHOOL-HOUSES.

Number occupied December, 1882,	40
Rooms, not including recitation rooms,	209
Rooms rented,	2
Drawing school rooms, recitation and evening school rooms, additional,	8
Whole number of sittings :	
In High School,	502
Additional space for,	90
Grammar schools, Grades IX-VI.,	2,508
Grammar schools, Grades V-IV.,	2,588
Primary schools, Grades III-II-I.,	4,437
Suburban schools,	496

IV. SCHOOLS.

High School, thirteen rooms,	1
Grammar rooms, Grades IX-VI.,	53
Grammar rooms, Grades V-IV.,	52
Primary rooms, Grades III-II-I.,	82
Suburban schools,	12
Northville, Tatnuck, Valley Falls (2), Trowbridgeville, Blithewood, Bloomingdale, Adams Square, Burncoat Plain, North Pond, Chamberlain, Lake View.	
Evening schools,	
Washington Street, East Worcester and New Worcester for boys; Walnut Street for girls; Belmont Street and South Worcester for both,	6
Free Evening Drawing Schools, both sexes,	7

V. TEACHERS.

Male teachers in High School,	5
Female teachers in High School,	8
Male teachers in Grammar Schools,	12
Female teachers in all grades below the High School,	195

Special teacher of Music, male,	1
Special teacher of Drawing, male,	1
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Number of teachers in Day Schools,	222
Graduates of the Worcester Training School, or of a State Normal School,	149
Male teachers in Evening Schools,	15
Female teachers in Evening Schools,	15
Teachers in Free Evening Drawing Schools, male 5, female 1,	6
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Whole number of teachers,	258

VI. PUPILS.

Number registered in Day Schools,	11,837
Increase,	390
In Evening Schools,	288
In Free Evening Drawing Schools,	207
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Number registered in all the schools,	12,332
Increase,	531
Number over 15 years old,	1,288
Increase,	279
Estimated number in this city in private schools here,	1,500
Pupils in State Normal School, this city,	112
Average number belonging to public schools,	9,008
Increase,	148
Average daily attendance in Day Schools,	8,235
Increase,	166
Average daily absence,	773
Decrease,	18
Number at close of Fall term, 1881,	9,056
At close of Winter term, 1881-82,	8,719
Increase from last year,	219
At close of Spring term,	8,945
Increase,	397
At close of Summer term,	8,788
Increase,	210
At close of Fall term,	9,622
Increase,	566
Per cent. of daily attendance to average number belonging,	.914
Increase,	00.2
Number perfect in attendance the whole year,	454
Decrease,	1
Perfect three terms,	631
Perfect two terms,	934
Perfect one term,	1,966

Number registered in High School,		598
Increase,	28	
Boys,		269
Increase,	20	
Girls,		329
Increase,	8	
Number at the close of the year,		446
Increase, "	69	
Number of graduates, June, 1882,		50
Number left the school,		123
Average number belonging,		374
Average daily attendance,		360
Average daily absence,		15
Per cent. of daily attendance to average number belonging,		96.6
Average age of pupils, January 1, 1883,		16.3
Average number of pupils to a regular teacher,		29

The estimate of population in the above statistics, is based upon the number of pupils at the close of the Fall Term. From the increase of names in the city directory, and from other bases for estimating the population of the city, it is probable that the present population is at least 67,000. The estimate given above is certainly none too high.

The ratio of the ordinary expense of schools to the valuation, has increased by three one-hundredths of one per cent.; and the ratio of the same to the entire tax, by seven-tenths of one per cent. This increase is more than accounted for by the advance in salaries of teachers which took effect Dec. 1, 1881. This advance was merely the restoration of the ten per cent. reduction made from the salaries in the year 1877. In the same way the increased cost of the schools over that of last year is accounted for, except that part of the cost which is due to the increased number of pupils in attendance.

THOMAS STREET IMPROVEMENT.

The only addition to the school-houses, for the past year, has been the extensive alteration of the Thomas Street School-house. This was done by the City Council at an expense of \$9,923.32. This old house is now one of the best-arranged and best-heated and ventilated houses in the city; and it contains two more

rooms than before. It is heated by hot air furnaces, by which ventilation is secured with the heat. Each furnace, of which there are six, heats two rooms; there are twelve rooms with accommodation for 550 or 600 pupils. Projections built at the center of the front and rear, make room for separate flights of stairs—which is a precaution against the danger from fire—and for a dressing-room connected with each school-room. Flues in new chimneys built for the purpose, are heated by the smoke-pipes from the furnaces, and open into the several school-rooms near the floor to draw out the air. A register in each room near the ceiling, opens into a separate flue in one of the old chimneys, heated also by a smoke-pipe from the furnace; so that the foul air may also be withdrawn from the top of the room. Besides this, transoms over the doors communicate with the spacious corridors; and these in turn open into the attic, for change of air. Fresh air, besides that which comes heated from the furnaces, can be admitted to each school-room through the windows in the dressing-rooms, without danger from drafts upon the children. In all the rooms the seats are so arranged that the light comes in at the left, and behind the pupils. Each dressing-room has a sink and water-faucet. The water closets are in the yard, outside of the building; and they are entered through the basements. They are both warm and well ventilated. The outside doors of the school-house are only a step or two above the ground; and they open upon a landing from which stairs lead upward to the school-room, and downward to the basement. By this means icy steps in winter are avoided. For the excellence of this house, much praise is due to the Superintendent of Public Buildings, and to the Committee of the City Council under whose direction the repairs were made. A large and well-situated lot for a new school-house has been purchased on Millbury Street near the junction of Cambridge Street.

VACANT AND HIRED ROOMS.

One of the rooms at Thomas Street, two in the old house at Canterbury Street, and one at Northville and one at Tatnuck,

are the only unoccupied school-rooms in the city. The last two will not soon be needed; the others will be filled early in the Spring.

Two rooms are hired by the city for schools at New Worcester. There is a school at Walnut Street, two at Oxford Street, and one at Mason Street, in rooms not intended for that purpose.

NEW HOUSES NEEDED.

New houses are needed at Winslow Street, and at Millbury Street; the question of erecting them is already before the City Council. But these will afford only temporary relief; for with a few exceptions the schools throughout the city are crowded.

So large a yearly increase in the school attendance as is shown by the statistics here given, requires yearly the building of a house of ten rooms. Much less than this has been done for the past five years or more, as the following table shows.

NEW AND ENLARGED SCHOOL-HOUSES.

1878.	Winslow Street, new,	\$9,964.17	Rooms 4.
1879.	Grafton Street, “	11,182.89	“ 4.
1879.	Lake View, “	1,655.05	“ 1.
1880.	Oxford Street, enlarged,	16,112.33	“ 4.
1880.	Edgeworth St., “	5,535.02	“ 3.
1881.	Belmont St., “	16,236.11	“ 6.
1881.	Adriatic, new,	14,246.74	“ 6.
1881.	Woodland St., new,	10,846.34	“ 4.
1881.	Valley Falls, “	6,724.25	“ 2.
1882.	Thomas St., enlarged,	10,324.00	“ 2.
Total cost in five years,		\$102,826.90	“ 36.

This is an average of about \$20,500 per year, with about seven new rooms. Instead of falling further behind, yearly, it is necessary now to catch up and keep pace with the growing needs of the schools.

THE DISTRIBUTION OF PUPILS.

In this connection it may be of interest to the public to explain the method of distributing the pupils among the several schools. For school purposes, this city has never been divided, by arbitrary lines, into districts belonging to the several school-

houses; even the division by wards is entirely disregarded as far as the schools are concerned. The school-houses have been located, from time to time, to supply the present, and so far as possible the prospective wants of the schools—some of them large, and some smaller. In nearly every house there are schools of the lower grades, to accommodate the young pupils in the immediate neighborhood. Whatever room remains, is then occupied by pupils of a higher grade; so that, as a rule, the larger the house the higher the grades of school in it. At the end of the fourth term in July, all the pupils in a given house are assigned for the coming year to the appropriate grade, by the Principal, in consultation with the several assistant teachers; and on the assumption that these pupils will all return to school at the beginning of the Fall Term in September, a table is made and sent to the office of the Superintendent, showing the number of pupils to be in each room and grade of the building, at the opening of the Fall term. At the same time the Principal forwards a list of pupils of the highest grade with the residence of each, street and number. All these latter pupils have to be distributed to the neighboring school-houses having the grades to which they have been promoted, where they can best be accommodated; and on returning to their old school in September, the teacher informs them, each, to what school they are to go. This is done in all those houses having no Ninth Grade; from this grade all who are qualified enter the High School. Each Principal has also to forward a list of those pupils who are known to have moved into another neighborhood; and they are also assigned to the proper school and grade.

It will be seen that it is a matter of no little difficulty to organize the schools for the Fall campaign, so as to preserve the proper grading for the several classes, keep the right number of pupils in each room, let all the members of a family go to the same school, and at the same time please all the pupils and their parents. To this task, and to numerous changes in the corps of teachers made necessary by resignations, or otherwise, are devoted all the spare moments of my Summer vacation. The matter is still further complicated by the absence of some pupils who are

expected at the opening of the Fall term, and by the presence of new pupils ; and at the same time many pupils are usually found to have moved, and they must necessarily be transferred to other schools. And again some pupils, or their parents, have strong preferences for one school, or prejudices against another ; and they have to be appeased as far as possible. Even after the schools are thoroughly organized and start off in their work at the beginning of the year, the difficulty is by no means over ; for all along during the year, children are returning to school from the shops where they have been at work, or they are moving from one part of the city to another, or they move into the city from other places, or they arrive at school age. During the past year, some five hundred additional pupils have been admitted to the schools which were organized, at the beginning of the year, not in expectation of them. And yet there has been no very serious disturbance of the schools. In assigning these to school, one room after another becomes crowded and the best available make-shift must then be devised ; and if a new school-house, imperatively demanded at the beginning of the year, is not ready for occupancy till a month or two later, as has sometimes happened, the difficulty of opening the schools in September, referred to above, is still further augmented.

All this difficulty of assigning pupils to school would disappear, if the city were divided into districts each with school-room enough for all the pupils in it. Such an arrangement would, however, be likely to leave some districts with too much room, and others with too little ; and so long as we have not school-room enough for the pupils, even by sending the surplus to the vacant rooms, we are not likely to adopt that plan.

This statement, it seems to me, emphasizes what has been said above respecting the necessity of keeping pace with the need of school-houses ; and what follows immediately is not less emphatic.

INCREASE OF PUPILS.

The following table shows the number of pupils in school at the close of each term for the last five years, and the average number for each year.

	WINTER.	SPRING.	SUMMER.	FALL.	AVERAGE.
1882,	8719	8945	8788	9622	9008
1881,	8500	8548	8578	9056	8860
1880,	7910	8104	7993	8941	8419
1879,	7724	7662	7716	8159	7745
1878,	7203	7307	7422	7873	7686
Average yearly increase for five years.					
	379	410	341	437	330

The following table shows in what part of the city growth is most rapid.

SCHOOL CENSUS, MAY.

WARD.	1881.	1882.	GAIN.
1	1189	1226	37
2	1386	1555	169
3	1867	1956	89
4	1563	1684	121
5	2242	2535	293
6	1185	1260	75
7	1067	1184	117
8	864	886	22
Total,	11363	12286	923

The parentage of children in school at the close of the year, November 30, 1882, is as follows:—

United States,	4384
Ireland,	3396
Canada,	717
Other countries,	1125
	<hr/> 9622
Or Native born,	4384
Foreign born,	5238

Of the children themselves the nativity is as follows:—

United States,	8885
Canada,	168
Ireland,	115
Other countries,	454
	<hr/> 737
Foreign born,	
	<hr/> 9622

TRUANCY.

The following table shows the work of the Truant Officers for the year, and the number of cases of absence from school without known excuse. It appears that but little more than one-third of the absence reported, is truancy. The number of pupils sentenced to the Truant School from December, 1881, to December, 1882, is sixteen. This is not a large number from the one thousand, more or less, inclined to run away from school. In the city of Springfield, Mass., where the number of pupils is about one-half as great as in this city, twenty-two truants were sentenced the past year. The restraining influence of the Truant School affects all the pupils of our schools who are inclined to truancy. That school is not maintained merely for the benefit of its inmates.

MONTH.	Cases Investigated.	Returned as Truants.	Visits to School-houses.	Arrests for Truancy.	Sentenced Truant School.
1881.					
Dec.,	271	99	161	3	2
1882.					
Jan.,	351	106	211	2	2
Feb.,	174	58	113	1	1
March,	424	141	205	1	1
April,	339	120	158	—	—
May,	334	106	139	—	—
June,	271	105	119	1	1
Sept.,	307	126	138	2	1
Oct.,	351	135	208	7	6
Nov.,	317	117	187	2	2
Total,	3139	1113	1639	19	16

Besides the work shown in the table, and the taking of the school census, it is the duty of the Truant Officers to enforce in this city the law respecting the employment of children in shops and factories. Each employer is required by law to have a certificate of age and school attendance, approved by the School-committee, for every child in his employ under sixteen years of age. If every employer secures such a certificate before he hires a child, the attendance at school for the required twenty weeks each year, can easily be secured. Usually the manufacturers have cheerfully coöperated. Only two prosecutions

have been made within the year; but others must follow, for there are a few employers who pay no attention to the law and hire children without the proper certificate. The certificate itself sets forth, on the reverse side, the requirements of the law, and fixes the date at which the child should return to school. No one can plead ignorance of the law.

PUNCTUALITY OF ATTENDANCE.

The following, from the Rules of the School Committee, has been in force some twenty years.

CHAPTER VIII.

ATTENDANCE AND DUTY OF PUPILS.

[Legitimate causes of absence. Written explanation.]

SECTION 1. As regularity and punctuality of attendance are indispensable to the success of a school, sickness and domestic affliction shall be regarded as the only legitimate causes of absence or tardiness. In every instance of absence or tardiness, a written statement, or personal explanation, shall be required of the parent, master or guardian, on the return of the pupil to school, or at the next session, that the teacher may know whether the cause is legitimate or otherwise; and if not, the pupil shall be subject to discipline.

[Unexcused absence reported to Superintendent.]

SEC. 2. Any pupil absent four half-days in a month, except for the above causes, shall be reported to the Principal; and if the same number of absences occur a second month, in the same term, the pupil may be reported to the Superintendent, for discipline.

An excused absence, under this rule, leaves the child in as good standing as if he had been present all the time, for this kind of absence is unavoidable; but the absence must be counted, nevertheless, on the register of the school. Of the remaining absences, there are two classes: those with the consent of the parents, and those without such consent. The first of these, unless too frequent, merely subjects the pupil to a loss

of rank, in respect to attendance, as compared with one who has not been absent at all, or only for unavoidable cause; the second requires discipline of such a sort as will put a stop to it.

A record of the tardiness and absence for each school is kept and reported to this office; for many years this record has been published in the annual report of the school committee. The comparison of one school with another in this respect has aroused a good deal of emulation among them. At first, no doubt, the ambition to excel in respect to attendance was beneficial to many a school; but recently there is evidence that the record has become too much an end in itself, in some of the schools; and, for the present, nothing but the aggregate for each grade is printed in the tables following. Every teacher will, none the less, put forth every wise effort to secure punctuality and regularity of attendance.

REGISTRATION OF PUPILS.

The number of pupils from five to fifteen years old in this city, as appears from the census is,		12,286
Besides these there are in school pupils over fifteen years of age,		<u>1,288</u>
Of the total of,		13,574
There are registered in the public schools,	11,873	
And in private schools,	<u>1,500</u>	
		13,373
Leaving unaccounted for,		201

If all these were over the age of fourteen, and therefore exempt from compulsory attendance, the showing for the city would be complete. There is no evidence that such is the case. It is probable that, with all the diligence that is possible, a few children grow up without attending school according to law; but it is also probable that the school registration is as nearly complete here as in any city in the State. And we do not, here, register more than one hundred per cent. of the school children, as some of our Western friends facetiously charge this State with doing.

THE CORPS OF TEACHERS

Remains substantially the same as last year excepting the usual changes from resignations, and the addition of seven more teachers required by the enlarged school attendance.

Of the two hundred and twenty-two regular day-school teachers, there are twenty-one who were employed here at my entrance to this office in 1868.

One hundred and forty-nine are graduates of some Normal School, the larger part from the school at Worcester. It is believed that there is no more faithful, hard-working, and intelligent body of teachers in any city or town of the Commonwealth. They have worked early and late to carry out the wishes of the committee and to secure the greatest good for the children. On rare occasions parents fancy that the teacher of their children is not faultless; but in most of these cases, by careful inquiry, and an honest attempt to see the affair in another light, the parent finds that the action of the teacher is justified. And when teachers find themselves in error—to which everybody is liable—they are not ashamed to correct themselves. In the faithful work done by this excellent body of men and women, from the High School to the lowest grades, parents will find more and more to admire, the more they investigate with a spirit of fairness. It has frequently been remarked in the school reports that the work of our teachers is not fully appreciated. Our schools have a fair degree of efficiency, and a corresponding reputation abroad; and this is mainly due to the corps of teachers.

THE ORGANIZATION

Of the schools, the arrangement by grades, and the course of study, remain substantially as last year. Owing to the increased number of pupils in the Ninth Grade a new room was opened last September, in the Washington street school-house; and the Principal is in charge of that school only. He was relieved from extra duty and his salary was diminished accordingly, because his health had become impaired. The Lamartine street school which has formerly been under his care, is now in charge of an independent Principal.

THE HIGH SCHOOL

Has gone on prosperously and without friction. The addition of one year to the course of preparation for college, became necessary from the increasing requirements of the colleges. To complete the work in four years, compelled a kind of cramming which was destructive to the best mental growth, to habits of study and to real education, and which was at the same time injurious to the health of pupils at a growing age. Within a few years one of the pupils died, whose friends think, not without reason, that her life was shortened by the hard work which she was too ambitious to give up.

Despite those weighty reasons for lengthening the course, however, a few parents have been anxious for their children to enter college at as early an age as possible; and seven pupils who would naturally be in this school have been sent to other institutions, partly from this cause, no doubt, though other influences operated in most if not all the cases. It should be observed here that there is prevalent more or less misapprehension respecting the proper age for admission to college. We read in the lives of such men as Edward Everett and Charles Sumner, for example, that they entered college at the age of about thirteen; and when our regular courses would send boys to college at nineteen, it appears as if four precious years of life would be lost to them. But the course of study in the colleges has greatly advanced; the requirements for admission are much greater; and the training of a first-class High School, now, is probably about equal to that of the colleges fifty years ago—this on the authority of a late eminent professor at Harvard. If more time is now required, there is more work to be done.

In order to compare our present standing with other first-class schools where boys are fitted for college, both in respect to the length of the course and the average age of admission to college, and also as to the honors attained at the entrance examination, the following table has been prepared by Mr. Roe, Principal of the High School, from information obtained, as far as possible, by correspondence with the several schools named.

LENGTH OF COURSE AND AGE OF PUPILS IN CERTAIN SCHOOLS
FOR THE LAST THREE YEARS.

School.	Length of Course.	Number sent to Harvard.	Number Unconditioned.	Number of Honors.	Average age at Graduation. Y. M.
Boston Latin,	6 yrs.	66	54	145	18 : 6
Roxbury “	6 “	36	24	57	18 : 5
Cambridge High,	5 “	30	16	34	18 : 6
Worcester “	*5 “	6	3	11	18 : 1
Springfield “	4 “	—	—	—	18 :
Lowell “	4 “	9	5	7	18 : 2
New Bedford “	4 “	1	1	1	17 : 6
Providence “	4 “	1	1	3	18 :
Hartford “	4 “	2	—	—	18 :
Phillips, Exeter,	4 “	77	35	150	19 : 8
“ Andover,	4 “	12	—	—	18 : 7
Williston Seminary,	4 “	6	—	—	18 :
Adams Academy,	4 “	—	—	—	— —
Newton High School,	4 “	19	—	—	18 : 2

The average age at graduation, of the two classes that have entered this five years' course, will still be considerably less than that of the pupils at Phillips Exeter Academy ; and those schools have done better than ours in college examinations, where the time of preparation is longer, or the age of pupils greater.

ADVANTAGES OF FITTING SCHOOLS.

No account is here taken of the difference in the conditions of a special Fitting School and the ordinary High School. The former possesses certain advantages which the latter cannot have:—the exclusive control of the pupil who is removed from the society of his home and the other like means of occupying his time ; and the unquestioned power to send a boy home if he will not work ; and again, the singleness of purpose of the school.

These are important advantages which those who can afford it, often no doubt do well to secure. But this going away from home, to secure at an academy what the High School does not give, is not always just what it appears to be. If a boy fails to learn at one school, he will be likely to fail at another, unless he works harder. At home, he may study leisurely, spend his

* The first class to complete the five years' course will graduate June, 1884.

evenings with his friends, and be excused from school duty by his too indulgent parents; and if he fails to advance fast enough, or if his teachers are too persistent, or not persistent enough in urging him, the High School takes the blame. He is sent to some famous Fitting School. A few years later he enters college triumphantly, to the apparent discredit of the school which failed to get him forward.

AN INSIDE HISTORY.

The Inside History in the Fitting School, if it could be known, would in some cases, of course not in all, be like this: At the end of one month—Report that the boy is not doing well; the parent urges him to be diligent. At the end of the second month—Report that the boy's progress is still very unsatisfactory; reply asking the teacher not to spare the boy but to *make* him do his duty. At the end of the third month—Report, boy not improving, he must go home; reply from parent asking if nothing can be done to keep the boy in the school. After a time it is found that, by paying two dollars an hour for private instruction (from one of the teachers of the school?) the boy may go on, if he will study. Confronted with the alternative, either to go home in disgrace, or else to study, the boy lays aside his home habits, pays the extra cost, and becomes a *air* student, with the result as above.

There is no objection to all this, if it is desirable to send a boy to school when he does not wish to study, and if this is the only way to make him study. What should be noticed is, that with the same amount of pressure, the same private instruction, and the same cost, the High School might accomplish as much. At least, the school should not be placed at any disadvantage in a comparison, until all the facts are known.

Of the last graduating class twelve were admitted to college, and all without conditions: To Amherst, 4; to Harvard, 3; to Brown, 3; to Smith, 2. Of fifteen in the last class at Amherst, entering without conditions, four were from this school.

THE GRADUATING EXERCISES

Took place at High School Hall, Tuesday, June 27th.

PROGRAMME.

MUSIC.

Chorus :—The Banner of the Free.

B. Richards.

1. Salutatory with Essay :—"What went ye out for to see."

Helen DeF. Marshall.

2. Oration :—Immigration.

John F. Buckley.

3. Essay :—Privileged Classes.

Leila O. Cunningham.

4. Oration :—Public Opinion.

J. Daniel Burns.

MUSIC.

Chorus :—Dream On—

German Melody.

5. Essay :—Broken Barriers.

Lina B. Johnson.

6. Oration :—The Truly Great Nation.

T. Hovey Gage, Jr.

7. Essay :—Nina, wife of Rienzi, last of the Roman Tribunes.

Annie M. Russell.

MUSIC.

Quartette :—Greeting.

Phillipps.

8. Oration :—The Study of English Composition in the High School.

Charles F. Marble.

9. Essay :—Woman's Place in Literature.

May E. Sleeper.

10. Oration :—The Power in the People, with Valedictory.

Clarence W. Smith.

MUSIC.

Solo, Duet, Trio and Chorus :—Old Friends and Old Times.

Thomas.

Pianist—Nellie L. Ingraham.

Presentation of Diplomas by His Honor the Mayor.

CLASS SONG.

WRITTEN BY THOMAS B. LAWLER.

I.

Return, O Time, the hours so quickly gone,
Roll back the minutes brightly passed away,
Cheer up this parting hour as in the morn
The rays of sunlight cheer the coming day.

II.

Our past on History's page has been enrolled,
And fades adown the silent halls of time,
What we will be, the future shall unfold,
And in its grasp the glorious deeds enshrine.

III.

But as the hour of parting draws so near,
And through the mist the future we survey,
The memories rise of each successive year
To check the gladness of this crowning day.

IV.

May Heaven protect us on our future way,
To do our duty, faithfully and well,
While all the pleasures which these years convey
May sweetly echo with this last "Farewell"!

CLASS OF '82.

George Massa Bassett.
Charles Elisha Lucius Briggs.
John Francis Buckley.
Jeremiah Daniel Burns.
William Francis Carmody.
Thomas Henry Courtney.
Marcus Daniel Cronin, Jr.
James Francis Cullen.
Charles Alvin Farley.
Otis Allen Freeman.
Thomas Hovey Gage, Jr.
Norman Gunderson.
Franklin Campbell Jillson.
Thomas Bouaventure Lawler.
Charles Francis Marble.
George Claflin Parker.
Frank Beaman Rice.
Charles Gilbert Simmons.
Clarence Wright Smith.
Frank Bulkeley Smith.
Addison Whitney Towne.
Harris Hawthorne Wilder.
Esther Narcissa Aldrich.
Elizabeth Charlotte Allen.
Mary Chamberlain Baker.

Anna Ballard.
Florence May Belcher.
Annie Hubbard Brigham.
Sadie Kent Chandler.
Leila Oriola Cunningham.
Anna Maria Dean.
Lilla Florence Gates.
Minnie Alice Gibson.
Edna Harrington.
Olive Melissa Hatch.
Carrie Adaline Hildreth.
Harriet Prentiss Holman.
Grace Helen Howland.
Nellie Louise Ingraham.
Lorinda Burdon Johnson.
Helen DeForrest Marshall.
Lizzie Emma Newland.
Addie Pierre Oswell.
Emma Louisa Peck.
Rosella Maria Pratt.
Annie Maria Russell.
May Emma Sleeper.
Annie Gertrude Thompson.
Annie Elizabeth Wells.
Catharine Elizabeth Whalen.

THE EVENING SCHOOLS.

In looking for the authority by which these schools have been carried on for the past fifteen or twenty years, no record of any action could be found; as far back as any one now connected with them can remember they have been kept. It appears that in the year 1857 a law was passed by the "Great and General Court," authorizing any city or town to maintain evening schools, in addition to the schools required by law. It is probable, that this law was passed in consequence of the fact that certain towns, like Worcester, had already organized such schools; and that no action was afterwards taken by this town to establish these schools because we already had them.

Attention having been called to the subject, however, the following has been adopted by the City Council:—

Ordered. That, in addition to the schools required by law to be kept in this city, Evening Schools for the education of persons over twelve years of age, and not required by law to attend the day schools, are hereby established; said schools to be kept between November 1st and March 1st following at such hours, and during such times, and at such places, as the School Committee may determine; the expense thereof not to exceed the annual appropriation therefor; said Committee are also hereby authorized to determine the conditions of admission to said schools, and what branches of learning may be taught therein, and to have the same superintendence over them as they have over the other schools.

Under this order the schools have been organized for the present winter; and they are now going on with unusual success. The plan of requiring the deposit of \$1.00 by each pupil, on his admission to the school, has been continued with the same good effect as for the past two years. The plan is now sanctioned by the highest municipal authority; under its operation no idlers have troubled the school; and but very few of the deposits have been forfeited by misconduct.

EDUCATION MORE THAN SCHOOL.

The training of a generation of men and women in school, is one of the most important duties of the city. The influence of the schools upon the habits of thought and action, and upon the character of the children, is incalculable. Fifty years later, it

will appear more or less what that influence has been. But the school and the teacher being by no means the only influence by which the child is affected, what he becomes, will be the resultant of all those forces, and not the effect of the school alone. The hand must be trained to dexterity, the eye and ear to quick perception, and all the muscles to their full perfection; the conscience must be trained, and the will strengthened, to detect and do the right; and the intellect must be stimulated and trained to activity. Without all this, we have not the perfectly developed man. Education does indeed consist in the symmetrical development, and training to their highest usefulness, of all the human powers. Education in its broad sense is the whole of human existence. The mistake is often made of assuming that the schools ought to do it all; and education in this wide meaning is often spoken of, as if it were the product to be looked for in the common schools. The schools as now organized, should claim to do only a certain part of this great whole; for education does not begin with the schools; it does not end with the schools; it is not confined to the school during the brief period of school life. Education in the broad sense, is one thing; and education in its restricted sense, as applied to common-school training, is much less;—though of course it should always be a fitting part of the great whole. The word education is often used in this double sense in discussions about schools. Such a confusion of terms, has led to many an error on the subject.

Let it be admitted that no education is complete which does not train all the powers in harmony—the physical, the intellectual, and the moral; the body, the mind, and the heart. It does not follow that every man who undertakes to teach a child the common branches of English learning, for the double purpose of training his intellect and furnishing him the means of becoming a useful citizen,—it does not follow that this teacher must, at the same time, train all the muscles of that child's body in a gymnasium, or teach him a trade, or instruct him in the catechism, because forsooth, the child has a three-fold nature. The boy might visit the gymnasium after school,

learn his catechism at church, and study his arithmetic at school, and still have his three-fold nature symmetrically developed, if he had good instruction in all these places. Nor does it follow that there can be no right physical training, without the distinct and obvious presence of the moral and the intellectual; and no right moral training, without the intellectual and the physical in close admixture. In other words, it is not necessary that the carpenter who would instruct an apprentice well, should embody the school-master and the minister; nor that the minister should be both school-master and master-mechanic, in order, most successfully, to explain religious truth.

On opposite sides, two classes of people seem to think that the common schools need an "annex:"—on the one side, a shop with tools; and on the other, a church. The shop and the church are necessary and incalculably useful; but these must be in some degree distinct; they stand as it were in separate yards; for people prefer to select their own trades, and to choose their own church.

The State of Massachusetts is not, in respect to education, what the Spartan State used to be. In that ancient republic of aristocrats, the boy was taken from his parents at an early age, fed and clothed, and trained not only physically, but morally and intellectually according to the light of that early day. The girls received no public education. They were left to their mothers. The government, so far as the boys were concerned, was paternal; it assumed all the functions of the parent.

In our modern republic, the fundamental and democratic idea is that every man should be free; and that the government—which is the mere expression of the popular will, and impersonal—should leave the individual to himself as much as possible, and confine itself to preventing the interference of one with another. It takes cognizance of education, and maintains schools, as a necessity in preventing the encroachments of ignorance, in a republic where all men are endowed with political power. In the system of schools, moral instruction is recognized in a general way; and industrial training is not lost sight of. For all instructors of youth are required "to exert their

best endeavors to impress on the minds of children and youth committed to their care and instruction the principles of piety and justice and a sacred regard to truth;" and "sobriety, industry and frugality."* But these schools do not, as in the Spartan State, undertake the whole of education, even during the brief period of school attendance required; they do not board and clothe the children; and the same statutes which created them, also recognize the family and the church.

If the above observations are correct, then the work of education still belongs to a large extent to parents; and it is the purpose of these suggestions to remind them that their duty to their children is not done when they have sent those children to school. The young should be taught the duty and the necessity of earning their own living. The schools hint at this duty, and incidentally they should aim to inculcate the obligation; but the main part of this kind of training is left to the parents. Are there any who make slaves of themselves, in trying to shield their children from all work? And are the schools to be blamed for the resulting evils? The young should be trained in morality and virtue. The schools work day by day incidentally, and often with pleasing results, to this end. But these schools, in a few hours daily, and for a few months in the year, can not complete the training necessary in this direction. Do parents satisfy their consciences when they entrust their children to our excellent teachers, and then fail to counteract the influences of the street, and of all sorts of society into which those children may be thrown—influences which the teacher may not be able to control?

INDUSTRIAL EDUCATION

Is authorized by Statute; and in a few of the towns and cities of the Commonwealth, schools have been opened for giving instruction, a part of the time, in the use of carpenters' and other tools. Whatever may be thought of the extension of the field of common school training, to include the manual occupations, it has not yet been done in this city; and there is no

* Pub. Stat., Chap. 44, Sec. 15.

immediate prospect that it will be done, till the means of doing the appropriate work of the schools shall have been more fully provided. Parents should be reminded that the duty of training the children morally, physically, industrially, and to a considerable extent intellectually, still rests largely with them, if those children are to attain the highest possible excellence, even though the schools do all which schools can do.

ALBERT P. MARBLE.

WORCESTER, January, 1883.

SECRETARY'S REPORT.

FINANCIAL STATEMENT.

RESOURCES.

Appropriation by City Council,	\$172,726 49
From books sold,	150 65
Materials sold and repairs,	47 52
Dividends from insurance,	619 99
Tuition,	175 00
Rent,	9 36
	<hr/>
	\$173,729 01

EXPENDITURES.

Salaries of Teachers,	\$137,982 87
Salary of Superintendent,	3,000 00
Salary of clerk,	983 36
Salaries of truant officers,	1,800 00
Fuel,	8,306 76
Janitors,	6,644 35
Cleaning buildings and yards,	1,273 82
Brooms, brushes, pails, &c.,	702 61
School books,	1,161 37
Stationery, ink, &c.,	524 01
Apparatus,	353 09
Printing and advertising,	662 04
Insurance,	570 50
Tuning and repairs of pianos,	129 00
Horse hire,	250 00
City water,	651 74
Gas,	326 13
Miscellaneous,	234 60
	<hr/>
	\$165,556 25
Returned from these items,	945 64
	<hr/>
Ordinary expenses of schools,	\$164,610 61

ORDINARY REPAIRS.

Of School-houses,	\$5,430 82	
Stoves,	918 18	
Furniture,	898 10	
	<hr/>	
	\$7,247 10	
Returns,	47 52	
	<hr/>	
Net cost of repairs,		\$7,199 58
		<hr/>
Instruction and repairs,		\$171,810 19
New furniture,	\$978 18	
Rents, Superintendent's office,	\$750 00	
School-rooms, New Worcester,	200 00	
	<hr/>	
	\$950 00	
Returned from these items,	9 36	
	\$940 64	
		\$1,918 82
		<hr/>
Total expenditure,		\$173,729 01

STATISTICAL TABLE

SHOWING THE NUMBER, ATTENDANCE, ETC., OF THE PUPILS IN THE PUBLIC SCHOOLS, FOR THE YEAR ENDING DEC. 2, 1882.

SCHOOLS.	TEACHERS.	ENGLISH AND CLASSICAL HIGH SCHOOL.																	REMARKS.
		GRAMMAR SCHOOLS. GRADE IX.																	
	Alfred S. Roe,	598	269	329	374.4	359.7	96.6	346	446	105	150	142	195	750	1.10	925	2.5	16.3	1 session daily.
		GRAMMAR SCHOOLS. GRADE VIII.																	
Belmont	St. Arthur G. Lewis,	85	46	39	55.6	53.1		44	59	28	19	23	23					15.2	
Dix	" William H. Bartlett,	72	31	41	55.9	53.5		22	57	22	22	27	21					14.8	
Woodland	" Edward I. Comins,	92	46	46	60.1	57.6		43	65	20	25	26	18					14.7	
Washington	" Charles T. Haynes,	123	67	56	72.3	70.		71	98	35	34	31	22					15.3	
Ledge	" Charles C. Woodman,	78	45	33	49.1	46.7		22	48	22	19	19	18					14.11	
		450	235	215	293.	280.9	96.8	202	327	127	119	126	102	359	1.22	4706	16.	14.11	
Belmont	St. Mary H. Warren,	62	26	36	38.	36.6		18	50	12	19	14	19					14.1	
Dix	" Mary C. Ainsworth,	43	18	25	30.1	27.6		9	37		11	15	4					14.4	
Walnut	" Nellie C. Thomas,	50	30	20	37.6	36.4		7	43	19	20	23	19					13.10	
Woodland	" Ann S. Duntun,	62	22	40	48.7	46.8		11	54	15	20	20	26					14.	
Ledge	" Emma L. Cowles,	58	34	24	34.6	33.		5	41	12	14	10	20					13.9	
Ledge	" Maria P. Cole,	44	28	16	41.2	39.3		1	41				13					13.5	{ Opened Sept. 4, '82.
Thomas	" Harriet G. Waite,	80	36	44	35.6	34.4		5	44	18	18	17	17					13.10	
Sycamore	" M. Ella Spalding,	58	30	28	43.9	40.5		17	46	6	6	11	7					14.2	
Providence	" Etta A. Rounds,	44	28	16	26.2	24.7		7	26	12	10	10	14					14.10	
So. Worcester.	Carrie A. George,	37	23	14	20.6	19.9		20	29	5	13	8	12					14.	
Oxford	" Ella L. Dwyer,	56	25	31	38.3	36.3		10	48	6	9	13	7					14.1	
Edgeworth	" Ella E. Roper,	55	29	26	35.4	32.5		5	40	6	12	4	8					13.2	
New Worcester.	Charlotte H. Munger,	56	29	27	34.2	32.5		18	45	1	15	10	5					13.7	
		705	358	347	464.4	440.5	94.8	133	544	112	167	155	171	644	1.38	8730	18.8	13.11	

GRAMMAR SCHOOLS. GRADE VII.

	50	22	28	39.8	38.1	4	45	13	16	20	13.2
Belmont	47	24	23	39.2	35.7	6	43	5	12	6	13.3
Dix	52	27	25	43.5	40.8	43	11	12	15	7	13.1
Walnut	71	44	27	50.2	47.6	8	57	12	22	12	13.1
Woodland	68	49	19	44.3	41.6	2	50	12	10	6	12.8
Lamarine	61	42	19	38.2	36.4	2	45	12	6	18	12.6
Ledge	55	35	20	43.7	39.3	4	44	20	12	15	12.11
Thomas	61	31	30	45.1	43.2	1	51	9	14	16	13.2
Sycamore	60	38	22	39.1	36.4	9	50	2	4	3	13.1
Providence	45	23	22	37.1	35.3	5	29	10	11	4	13.3
So. Worcester.	61	30	31	41.6	39.5	3	53	7	11	16	12.10
Oxford	57	23	34	52.1	49.9	2	54	12	14	21	12.5
Oxford	51	30	21	27.	24.3	34	1	4	3	5	13.6
Quinsigamond.	40	13	27	37.	28.4	2	26	5	8	4	13.2
Adriatic.	779	431	348	577.9	536.5	92.8	48	624	131	156	1.64
											16096
											27.8
											13.

GRAMMAR SCHOOLS. GRADE VI.

	47	25	22	44.5	41.2	43	12	19	19	25	12.5
Belmont	57	23	34	46.6	44.4	2	46	8	13	11	12.1
Belmont	62	33	29	46.6	42.5	6	43	15	15	14	12.5
Dix	59	38	21	44.	41.	1	45	1	3	18	12.5
Walnut	62	39	23	54.4	47.7	3	55	1	3	6	12.3
Woodland	57	28	29	51.4	47.4	53	12	14	17	17	11.6
Woodland	84	69	15	46.2	42.3	1	50	2	5	7	13.1
Lamarine	70	48	22	44.3	41.5	3	50	12	18	13	12.4
Ledge	66	30	36	43.7	40.2	47	12	10	10	16	12.7
Thomas	65	30	35	42.9	39.6	1	53	10	13	16	12.4
Sycamore	67	39	28	47.4	43.9	3	48	8	9	7	12.7
East Worcester.	47	39	18	37.4	35.4	1	42	11	14	9	12.4
Providence	57	30	17	42.7	40.7	40	11	19	14	13	12.4
Ash	47	30	17	42.7	40.7	40	11	19	14	13	12.4
So. Worcester.	50	18	32	32.6	29.8	38	4	9	7	8	13.5
Winslow	55	27	28	43.4	41.1	2	46	6	17	18	11.8
Edgeworth	53	28	25	34.5	31.6	36	4	4	4	6	12.6
New Worcester.	50	22	28	34.1	31.8	1	37	8	11	16	11.8
Adriatic.	63	33	30	35.6	31.9	1	45	2	8	4	11.7
	1071	599	472	772.3	714.	92.4	24	817	137	203	182
											194
											1839
											2.38
											21937
											28.4
											12.4

Opened
Sept. 4, '82.

SCHOOLS.	TEACHERS.	SECONDARY SCHOOLS. GRADE V.												REMARKS.				
		Whole number registered during the year.	Males.	Females.	Average number belonging for the year.	Average attendance.	Per cent. of attendance.	No. over 15 years of age.	Number belonging at the close of the year.	Perfect in Attendance.								
										First Term.	Second Term.	Third Term.	Fourth Term.					
Belmont	St. Jennie L. Dearborn,	57	30	27	46.6	43.4		2	47	17	17	16	16	11.3				
Belmont	" Esther G. Cheney,	53	24	29	44.8	43.3			47	27	34	31	27	11.2				
Dix	" Martha P. Valentine,	63	28	35	49.3	44.7			49	5	9	6	5	11.8				
Walnut	" Olive G. Davidson,	64	33	31	43.9	40.4			50	10	13	13	11	11.7				
Woodland	" Martha T. Wymann,	63	31	32	54.4	49.6			53	3	11	12	2	11.3				
Lamarline	" Louise A. Dawson,	63	45	18	40.2	37.			51	5	10	8	10	11.				
Lamarline	" Mary E. Kavanagh,	63	48	15	41.8	39.1			54	10	13	2	16	11.4				
Ledge	" Frances M. Athy,	79	59	20	47.8	45.4			53	28	24	23	15	11.				
Ledge	" Alice G. McMahon,	65	46	19	47.3	44.4		1	54	11	18	11	14	11.1				
Thomas	" Ella A. Casey,	59	33	26	41.8	39.5			48	16	21	20	11	11.6				
Thomas	" Mary E. Fitzgerald,	65	36	29	45.	40.5			48	10	10	9	16	10.6				
Sycamore	" Susie A. Partridge,	64	31	33	52.2	48.3			54	16	19	13	18	10.11				
East Worcester.	Annie Brown,	59	39	20	42.4	39.1			43	12	10	8	7	12.1				
East Worcester.	Mary E. C. Carroll,	55	22	33	45.6	41.9		1	45	7	13	8	12	11.1				
Providence	St. Mary A. Egan,	51	32	19	45.7	43.4			43	10	12	10		11.3				
Grafton	" Bridget T. Carlon,	59	41	18	39.6	36.8		1	42	7	12	8	10	11.10				
Ash	" Mary S. Eaton,	52	30	22	43.4	40.9			47	16	20	24		11.1				
So. Worcester.	Ellen M. Boyden,	47	22	25	40.9	37.9			41	5	13	6	9	11.1				
Oxford	St. Mary L. Norcross,	72	37	35	44.3	40.7			54	7	7	12	11	10.11				
Oxford	" Nettie A. Murray,	54	32	22	54.	50.			52				20	11.2				
Winslow	" Lucy Lewison,	51	26	25	38.5	36.5		1	44	6	10	10	20	11.3				
Edgeworth	" Anna P. Smith,	59	37	22	40.4	36.5		3	45	7	9	11	6	11.9				
Summer	" Abbie A. Wells,	38	18	20	32.1	29.6			32	5	14	12	12	11.7				
Quinsigamond.	Helena M. Kalaher,	56	34	22	40.9	36.3			42	2	2	6	6	11.3				
Adriatic.	Lizzie E. Chapin,	62	37	25	39.3	34.6			48	6	10	10	3	11.1				
		1473	851	622	1102.2	1019.8	92.5	10	1186	238	329	291	287	2267	2.05	32085	29.	11.3

{ Opened
Sept. 4, '82.

SECONDARY SCHOOLS. GRADE IV.

[illegible]

PRIMARY SCHOOLS. GRADE II.

[illegible]

SCHOOLS.	TEACHERS.	PRIMARY SCHOOLS. GRADE I.										REMARKS.		
		Whole number registered during the year.	Males.	Females.	Average number belonging for the year.	Average attendance.	Per cent. of attendance.	No. over 15 years of age.	Number belonging at the close of the year.	Perfect in Attendance.	Number of cases of tardiness.			
									First term.	Second term.	Third term.	Fourth term.		
Belmont	St. Lilla F. Upton,	68	34	34	54.8	47.1		55	1	5	9	6	7.1	{ Opened April 3, '82.
Belmont	" Ida M. McCambridge,	66	45	21	42.7	38.1		52	1	1	2		6.6	{ Opened Sept. 27, '82.
Dix	" Harriet Lightbourn,	68	38	30	46.9	41.9		57	7	13	12	4	6.7	{ Opened April 4, '82.
Walnut	" Elizabeth N. Robinson,	49	23	26	37.9	34.7		45		4	5	2	6.2	{ Opened Sept. 11, '82.
Woodland	" Emma Buckley,	67	33	34	56.6	46.6		55					7.1	{ Opened Sept. 11, '82.
Woodland	" Mary E. Proctor,	68	31	37	52.3	44.5		48					7.6	{ Opened Sept. 11, '82.
Lamarine	" Ida F. Boyden,	87	40	47	48.6	45.8		40	8	3	10	1	7.1	{ Opened Sept. 11, '82.
Lamarine	" Mary B. Wheatley,	70	39	31	57.3	48.8		52	1	1	9	3	7.1	{ Opened Sept. 11, '82.
Lamarine	" Anna B. Ranger,	75	51	24	53.3	45.9		69					6.	{ Opened Sept. 11, '82.
Ledge	" Fanny A. Williams,	70	47	23	52.7	48.2		61		5	4	10	7.4	{ Opened Sept. 11, '82.
Ledge	" Carrie E. Howe,	60	37	23	53.4	47.		52		1	2		5.10	{ Opened Sept. 11, '82.
Thomas	" Mary E. Barnard,	70	30	40	62.6	56.2		47	3	12	11	2	6.11	{ Opened Sept. 11, '82.
Thomas	" Jennie C. Clough,	56	33	23	37.8	38.6		36	3	6	11	5	6.6	{ Opened Sept. 11, '82.
Sycamore	" Eliza J. Day,	69	31	38	56.6	51.5		63	9	14	13	8	5.10	{ Opened Sept. 11, '82.
East Worcester.	Maggie E. Magone,	67	50	17	56.4	49.7		54	4	7	7	2	6.4	{ Opened Sept. 11, '82.
East Worcester.	Anna T. Kelley,	59	33	26	50.2	42.3		51					6.6	{ Opened Sept. 11, '82.
Providence	St. Mary A. Kane,	59	48	11	50.8	46.8		42	3	18	13	9	6.7	{ Opened Sept. 11, '82.
Providence	" Carrie M. Adams,	62	35	27	47.5	44.2		50	1	12	15	12	8.3	{ Opened Sept. 11, '82.
Grafton	" Ella J. Emerson,	82	42	40	56.7	49.9	1	60	2	3	12	3	6.9	{ Opened Sept. 11, '82.
Grafton	" Marina H. Tucker,	82	49	33	64.7	57.9		67	7	13	6	2	6.8	{ Opened Sept. 11, '82.
Ash	" Maggie A. Mahony,	84	38	46	55.1	47.3		67	3	7	17	5	6.10	{ Opened Sept. 11, '82.
So. Worcester.	St. Catherine T. Nevins,	61	29	32	47.1	41.3		55		5	7	3	6.5	{ Opened Sept. 11, '82.
Oxford	" Nellie J. Carlson,	64	29	35	57.8	53.6		59	12	23	23	8	6.9	{ Opened Sept. 11, '82.
Salem	" Anna H. Newton,	55	38	17	43.8	40.2		52	12	7	10	12	6.8	{ Opened Sept. 11, '82.
Edgeworth	" Selma P. Ahlstrom,	47	16	31	42.9	37.7		40	2	7	1	8	7.	{ Opened Sept. 11, '82.

PRIMARY SCHOOLS. GRADE I.—CONTINUED.

	53	29	24	46.8	41.6		46	3	6	8	2					6.7
New Worcester.	38	19	19	45.7	37.2		34	6	11	18	4					6.9
Summer St.	43	21	22	42.5	38.6		41			2	5					6.7
Quinsigamond.	61	26	35	46.9	42.7		56	1	6	12	4					7.1
Mason St.	45	29	16	27.9	24.5		33			3	2					5.11
Mason "	63	31	32	44.4	40.2		54	7	15	10	4					7.11
Adriatic.	74	32	42	49.6	41.8		64	1	13	17	6					6.2
Adriatic.																
	2042	1106	936	1590	1407.4	88.5	1	1657	96	221	279	139	5079	3	18	66761
																41.9
																6.9

{
Opened
April 24, '82.

SUBURBAN SCHOOLS.

	35	18	17	29.5	23.7		1	31	4	3		5					
Northville.	49	30	19	31.5	32.9		5	36	13	27	13	10					9.10
Tatnuck.	38	23	15	29.2	24.7			27	3	3	5	3					10.5
Valley Falls.	39	20	19	27.5	23.7			27	1	4	8	2					10.10
Valley Falls.	37	19	18	16.2	13.6			22									8.
Trowbridgeville.	23	11	12	14.2	11.8			17		1							5.1
Blithewood.	64	34	30	51.9	46.7			51	4	16	6	14					10.1
Bloomington.	32	18	14	25.7	22.1			4	21	1	6						8.9
Adams Square.	41	22	19	28.5	24.2			9	29	4	5	3					9.8
Barncoat Plain.	35	16	19	27.1	22.9			2	25	1	4	6					9.7
North Pond.	13	10	3	10.2	9.1			2	10	1	2	2					10.2
Chamberlain.	45	24	21	39.	33.7			39	2	6	7	2					11.5
Lake View.																	9.10
	451	245	206	333.5	289.1	86.2	24	335	34	77	51	43	1721	5.15	17392	52.1	9.5

RECAPITULATION.

SCHOOLS AND GRADES.	PERFECT IN ATTENDANCE.				Number belonging at the close of the year.	No. over 15 years of age.	Per cent. of attendance.	Average attendance.	Average number belonging for the year.	Females.	Males.	Whole number registered during the year.	Average to each scholar for the year.	No. of ½ days' absence.	Average to each scholar for the year.	Average age Jan. 1, 1883.
	Fourth Term.															
	Third Term.															
	Second Term.															
	First Term.															
High School	105	150	142	195	446	346	96.6	359.7	374.4	329	269	598	1.10	925	2.5	16.3
Grammar, Grade . . . IX	127	119	126	102	327	202	96.8	280.9	293.	215	235	450	1.22	4706	16.	14.11
" " " " " VIII	112	167	155	171	544	133	94.8	440.5	464.4	347	358	705	1.38	8730	18.8	13.11
" " " " " VII	131	156	154	153	624	48	92.8	536.5	577.9	348	431	779	1.64	16096	27.8	13.
" " " " " VI	137	203	182	194	817	24	92.4	714.	772.3	472	599	1071	2.38	21937	28.4	12.4
Secondary, " " " V	238	329	291	287	1186	10	92.5	1019.8	1102.2	622	851	1473	2.05	32085	29.	11.3
" " " " " IV	225	322	337	249	1268	3	91.1	1114.4	1222.1	656	812	1468	2.35	41283	33.7	10.3
Primary, " " " III	148	260	286	256	1150	2	91.4	983.	1074.9	719	610	1329	2.41	36448	33.9	9.2
" " " " " II	112	303	287	246	1268	1	90.5	1089.7	1203.	688	783	1471	2.84	44112	36.6	7.11
" " " " " I	96	221	279	139	11657	1	88.5	1407.4	1590.3	936	1106	2042	3.18	66761	41.9	6.9
Suburban	34	77	51	43	335	24	86.2	289.1	333.5	206	245	451	5.15	17392	52.1	9.5
Aggregate for Day Schools					7939622	793		8235.	9008.	5429	6408	11837				
Evening Schools					174	288		171.7	233.3	39	249	288				
Drawing Schools					179	207		130.7	187.2	51	156	207				
					14652307	1288	91.4	8537.4	9428.5	5519	6813	12332	2.49	290475	32.2	

T A B L E

*Showing the Nationality of Parents of Scholars in the
Public Schools.*

SCHOOLS.	TEACHERS.	U. S.	Ireland.	Canada.	England.	Germany.	Scotland.	Sweden.	Other Countries.
High School.	Alfred S. Roe,	330	76	8	18	6	3		5
GRAMMAR, GRADE IX.									
Belmont	St. Arthur G. Lewis,	38	17	3	1				
Dix	" William H. Bartlett,	47	5		3	1			1
Woodland	" Edward I. Comins,	55	4		3	1	1		1
Washington	" Charles T. Haynes,	64	22	1	7	1	2		1
Ledge	" Charles C. Woodman,	15	28	1	4				
		219	76	5	18	3	3		3
GRAMMAR, GRADE VIII.									
Belmont	St. Mary H. Warren,	41	8	1					
Dix	" Mary C. Ainsworth,	29	5	1	2				
Walnut	" Nellie C. Thomas,	36	2	1	2	2			
Woodland	" Ann S. Dunton,	47	3	1	1	2			
Ledge	" Emma L. Cowles,	17	20	3					1
Ledge	" Maria P. Cole,	13	25		3				
Thomas	" Harriet G. Waite,	13	27	1	1	1			1
Sycamore	" M. Ella Spalding,	28	15	1		1			1
Providence	" Etta A. Rounds,	9	15	1		1			
So. Worcester.	Carrie A. George,	8	19		2				
Oxford	St. Ella L. Dwyer,	36	8		2	1	1		
Edgeworth	" Ella E. Roper,	1	33			1	1	4	
New Worcester.	Charlotte H. Munger,	28	6	5	5			1	
		306	186	15	18	9	2	5	3
GRAMMAR, GRADE VII.									
Belmont	St. Sarah L. Phillips,	32	8	2	1	1			1
Dix	" Effie F. Kinne,	31	7	1	3				1
Walnut	" Kate A. Meade,	36	1	1	3		1		1
Woodland	" Mary M. Lawton,	46	5	3	2	1			
Lamartine	" J. Chauncey Lyford,	8	33		4	1	2		2
Ledge	" Kate A. McCarthy,	7	33	1	1	1	1		1
Thomas	" Abbie C. Souther,	17	18	3	3	1			2
Sycamore	" M. Louise Rice,	29	11	5	3		1		2
Providence	" Mary F. Harrington,	10	36	2	1				1
So. Worcester.	Amelia M. Walker,	9	16		4				
Oxford	St. Janet Martin,	47	3	1		1	1		
Oxford	" Ella K. Morgan,	46	2	2		2	1		1
Quinsigamond.	Richard H. Mooney,	11	13		3			7	
Adriatic.	Emma A. Porter,	1	23	1	1				
		330	209	22	29	8	7	7	12

SCHOOLS.	TEACHERS.	U. S.	Ireland.	Canada.	England.	Germany.	Scotland.	Sweden.	Other Countries.
GRAMMAR, GRADE VI.									
Belmont	St. Francis P. McKeon,	26	10		1	3	1		2
Belmont	" Tirzah S. Nichols,	37	5	3		1			
Dix	" Minnie W. Sherman,	36	4	2			1		
Walnut	" Ella M. McFarland,	36		6	2	1			
Woodland	" Edward D. Fitch,	45	4	1	2	1	2		
Woodland	" Carrie R. Clements,	42	5	1	3			2	
Lamartine	" Ida A. Tew,	3	34	3	2	5	1	1	1
Ledge	" Mary J. Packard,	15	29	3	2				1
Thomas	" Belle H. Tucker,	15	28	3					1
Sycamore	" A. Teresa Timon,	35	11	3	1	1	1	1	
East Worcester.	Ella W. Foskett,		48						
Providence St.	Sarah J. Newton,	19	18	1		1			3
Ash	" Mary J. Mack,	12	19	6	2		1		
So. Worcester.	Kate E. Kenney,	11	22		4		1		
Winslow St.	Amy E. Hopson,	34	3	3	3	2	1		
Edgeworth	" Sarah Brigham,	1	30	1				4	
New Worcester.	S. Lizzie Carter,	20	7	5	4			1	
Adriatic.	Sarah E. Rogers,	9	29	2	2	2			1
		396	306	43	28	17	9	9	9
SECONDARY, GRADE V.									
Belmont	St. Jennie L. Dearborn,	35	7	1	1	1	1		1
Belmont	" Esther G. Chenery,	31	8	3	2	1		1	1
Dix	" Martha P. Valentine,	33	9	1	5				1
Walnut	" Olive G. Davidson,	40	2	2		5	1		
Woodland	" Martha T. Wyman,	42	5	3	2	1			
Lamartine	" Louise A. Dawson,	8	33	5	2	2			1
Lamartine	" Mary E. Kavanagh,	6	34	4	3	5		1	1
Ledge	" Frances M. Athy,	12	32	2	1		2		3
Ledge	" Alice G. McMahon,	14	33		1			3	3
Thomas	" Ella A. Casey,	11	25	5		2	2		3
Thomas	" Mary E. Fitzgerald,	13	28	2	1	2		1	1
Sycamore	" Susie A. Partridge,	32	14	3	3	2			
East Worcester.	Annie Brown,	2	40	1					
East Worcester.	Mary E. C. Carroll,	2	40	2					1
Providence St.	Mary A. Egan,	11	25	4	2		1		
Grafton	" Bridget T. Carlon,	11	19	8					4
Ash	" Mary S. Eaton,	17	26	3	1				
So. Worcester.	Ellen M. Boyden,	5	25		10			1	
Oxford	St. Mary L. Norcross,	49	2			1	1		1
Oxford	" Nettie A. Murray,	29	15	4	3		1		
Winslow	" Lucy Lewisson,	35	5	3	1				
Edgeworth	" Anna P. Smith,	2	37		1			5	
Summer	" Abbie A. Wells,	7	20	3	2				
Quinsigamond.	Helena M. Kalaher,	7	15	1	5			14	
Adriatic.	Lizzie E. Chapin,	8	25	7	2	2			4
		462	524	67	48	24	9	29	23

SCHOOLS.	TEACHERS.	U. S.	Ireland.	Canada.	England.	Germany.	Scotland.	Sweden.	Other Countries.
SECONDARY, GRADE IV.									
Belmont St.	Carrie P. Townsend,	36	3	2	1	1		2	
Belmont	" Mattie A. Collins,	31	10	2	3			1	
Dix	" Susie W. Forbes,	34	10	1	4	3	1	1	3
Walnut	" Kate A. Coughlin,	28	3	5	1	3	1		
Woodland	" Sarah J. Melanefy,	43	8	4	1				
Woodland	" M. Rosalie Goddard,	39	7	2	1			3	
Lamartine	" Ellen T. Shannon,	8	23	10	3	6	1	2	
Lamartine	" F. Belle Perry,	3	30	8	7	3	1	1	
Ledge	" Marion C. Tucker,	12	39	2	3			3	1
Thomas	" Lucia N. Jennison,	18	16	6	1	4		1	2
Sycamore	" Hattie S. Hagen,	24	15	2	3				1
East Worcester.	Julia A. Bunker,		45	1	1				
Providence St.	Esther E. Travis,	14	24	8	4	1			2
Grafton	" Evelyn E. Towne,	20	21	7	2				2
Ash	" Mabel Crane,	12	26	3			2		
So. Worcester.	Mary O. Whitney,	8	33	1	5			1	
Oxford St.	Emma J. Houghton,	43	2	1	1				
Oxford	" Mabel B. Tew,	21	8	1	1	1			
Winslow	" Josephine A. Hunt,	40	5	4	1	1			
Salem	" Minnie F. Whittier,	14	13	4	2	5	1		
Edgeworth	" Sarah M. Brigham,	9	26		2	1		4	
Edgeworth	" Jennie E. Maloney,	6	37		1	2		3	
New Worcester.	M. Ella Clark,	22	7	6	1		1		
Summer St.	Mary A. Hayward,	6	23	7					
Quinsigamond.	Edna Currier,	10	13		5			15	1
Adriatic.	Mary A. Rourke,	6	25	13	1	1			
Union Hill.	Mary A. Kean,	23	18	1	1		2		
		530	490	101	56	32	10	37	12
PRIMARY, GRADE III.									
Belmont St.	Carrie A. Smith,	29	9	2	1	1			
Belmont	" Mary A. Sanborn,	23	4	3	6	1			1
Dix	" Esther B. Smith,	42	5	1	1	1			
Woodland	" Maggie I. Melanefy,	49	1	1	2		1		1
Lamartine	" Anna M. Murray,	5	32	9	1	4		1	
Lamartine	" Emma M. Plimpton,	8	25	6	2	5		4	2
Ledge	" Mary E. D. King,	7	38	4	2	1		5	1
Thomas	" Abbie F. Hemenway,	19	22	4					1
Thomas	" Rosa I. Seavey,	14	24	9	2	2		1	
Sycamore	" Sarah W. Clements,	35	14	3	3	2			1
East Worcester.	Kate C. Cosgrove,	3	31	1		1			
East Worcester.	Aloysia Radcliffe,	7	23	3				1	
Providence St.	S. Cornelia Chamberlin,	17	24	3	2				
Grafton	" Kate A. McLoughlin,	19	15	6	1	2			2
Ash	" Kate A. Fallon,	21	26	2			1		
So. Worcester.	Lydia W. Ball,	9	24		5	4		5	3
Oxford St.	Mary F. Barker,	47	3	1	1	2			2
Winslow	" Alice E. Meriam,	41	6	4	4			1	
Salem	" Mary O. Whitmore,	24	19	8	4	1			
Edgeworth	" Hattie G. Gates,	4	33	1	1	1		9	1
New Worcester.	Jennie M. Tainter,	11	10	14	3				
Summer St.	Carrie F. Meriam,	4	22	1	3			1	1
Quinsigamond.	Ella E. Hall,	2	14		5			28	
Adriatic.	Abby B. Shute,	7	23	15	3				1
		447	447	101	52	28	2	56	17

SCHOOLS.		TEACHERS.	U. S.	Ireland.	Canada.	England.	Germany.	Scotland.	Sweden.	Other Countries.
PRIMARY, GRADE II.										
Belmont	St.	Anna M. Smith,	40		6	1				
Belmont	"	Anna M. Waite,	21	7	6	3	1	1	2	2
Dix	"	Alice W. Giddings,	31	2	2	4		1		
Dix	"	Alice E. Johnson,	30	6	2	3	1	1	1	2
Walnut	"	Mary E. McCormick,	30	2	6	1	6	2		
Woodland	"	Ella E. Goddard,	41	5	2					
Woodland	"	Maggie A. Flaherty,	26	7	3	6	1	1	2	
Lamartine	"	Emma F. Brown,	9	19	11	6			3	
Ledge	"	Mary V. Callaghan,	12	38	1	7	1	1	1	
Thomas	"	Addie E. Sprague,	20	20	3		1	5		2
Sycamore	"	Ida A. E. Kenney,	27	22		3	1	1	1	5
East Worcester.		Mary E. Russell,	6	39	4					1
East Worcester.		Mary J. O'Connor,	5	37	6			1	2	2
Providence	St.	Ella J. Lyford,	9	19	2	6				1
Grafton	"	Margaret J. McCann,	13	17	21					1
Ash	"	Sarah A. Boyd,	9	30	3	1	4			
So. Worcester.		Mary C. Paige,	21	14		7	2		5	
Oxford	St.	M. Gertrude Griggs,	38	10	1		1			
Salem	"	Nellie F. Lindsay,	24	11	5	6	2			1
Edgeworth	"	Julia E. Greenwood,	1	31	1				7	
New Worcester.		Hattie S. Putnam,	21	6	8	6				1
Summer	St.	Mary A. Gauren,	7	15	5	1			2	2
Quinsigamond.		Mary A. Winter,	6	12		1			37	1
Mason	St.	Mary E. Pease,	45	3	3	2			1	
Adriatic.		Mary E. Buxton,	8	23	15	3	2			2
Union Hill.		Etha M. Stowell,	32	25	2	3	1	1		2
			532	420	118	70	24	15	64	25
PRIMARY, GRADE I.										
Belmont	St.	Lilla F. Upton,	32	13	3	1	1	1	3	1
Belmont	"	Ida M. McCambridge,	24	12	9	2			4	1
Dix	"	Harriet Lightbourn,	42	6	3	5				1
Walnut	"	Elizabeth N. Robinson,	32	5	2	1	2	1		2
Woodland	"	Emma Buckley,	41	8	1	3			2	
Woodland	"	Mary E. Proctor,	34	6		5	2		1	
Lamartine	"	Ida F. Boyden,		30	7	1	1		1	
Lamartine	"	Mary B. Wheatley,	5	25	17	1	3		1	
Lamartine	"	Anna B. Ranger,	9	35	19	4			2	
Ledge	"	Fanny A. Williams,	9	40	2	2		1	4	3
Ledge	"	Carrie E. Howe,	7	36	1	5			1	2
Thomas	"	Mary E. Barnard,	16	19	5		1	2	2	2
Thomas	"	Jennie C. Clough,	10	16	5	2	2		1	
Sycamore	"	Eliza J. Day,	59	3					1	
East Worcester.		Maggie E. Magone,	2	43	6	1				2
East Worcester.		Anna T. Kelley,	8	39	3					1
Providence	St.	Mary A. Kane,	8	26	6	2				
Grafton	"	Carrie M. Adams,	10	11	20	1	2			6
Grafton	"	Ella J. Emerson,	11	16	27	3				3
Ash	"	Marina H. Tucker,	17	37	9	1	1			2
So. Worcester.		Maggie A. Mahony,	10	35		17	2		3	
Oxford	St.	Catherine T. Nevins,	43	3	5	2		1		1
Salem	"	Nellie J. Carlon,	26	14	8	4	5	1		1
Edgeworth	"	Anna H. Newton,	4	41	1					6

SCHOOLS.	TEACHERS.	U. S.	Ireland.	Canada.	England.	Germany.	Scotland.	Sweden.	Other Countries.
Edgeworth St.	Selma P. Ahlstrom,		15	1	1			23	
New Worcester.	Rebecca H. Davie,	22	9	13	2				
Summer St.	Arabell E. Burgess,	6	19	6	1	1		1	
Quinsigamond.	Olive M. Butler,	6	10	2	2			21	
Mason St.	Effie L. Bennett,	36	7	5	1	1		2	4
Mason	Hattie B. Andrews,	29	3			1			
Adriatic.	Cora A. Baldwin,	9	23	13	5	1			3
Adriatic.	Mary M. Bowen,	8	29	19	8				
		575	634	218	83	26	7	79	35
SUBURBAN SCHOOLS.									
Northville.	Anna DeW. Pearce,	24		3	4				
Tatnuck.	Elma L. Studley,	35	1						
Valley Falls.	Eliza J. Seaver,	8	11	1	7				
Valley Falls.	Georgianna M. Newton,	14	6	4	3				
Trowbridgeville.	Eva E. Stone,	15	1	4					2
Blithewood.	Edward A. Quinland,	13		1	2	1			
Bloomingtondale.	Jennie L. Higgins,	36	3	6	6				
Adams Square.	Caroline I. Stone,	19	2						
Burncoat Plain.	Thomas W. Butler,	24	4		1				
North Pond.	Peter A. Conlin,	24					1		
Chamberlain.	Fanny R. Spurr,	10							
Lake View.	Emma G. Goodwin,	35					1	3	
		257	28	19	23	1	2	3	2
AGGREGATE.									
High School		330	76	8	18	6	3		5
Grammar, Grade IX		219	76	5	18	3	3		3
“ “ VIII		306	186	15	18	9	2	5	3
“ “ VII		330	209	22	29	8	7	7	12
“ “ VI		396	306	43	28	17	9	9	9
Secondary, “ V		462	524	67	48	24	9	29	23
“ “ IV		530	490	101	56	32	10	37	12
Primary, “ III		447	447	101	52	28	2	56	17
“ “ II		532	420	118	70	24	15	64	25
“ “ I		575	634	218	83	26	7	79	35
Suburban		257	28	19	23	1	2	3	2
		4384	3396	717	443	178	69	289	146

Of those born in other countries there were born in Norway 28, France 14, Austria 6, Denmark 4, Italy 27, Russia 5, Switzerland 2, Belgium 1, Wales 10, Azores 2, Poland 8, Turkey 1, Australia 2, West Indies 2, Newfoundland 2, Nova Scotia 21, New Brunswick 4, Prince Edward Isle 6.

The birthplaces of the children in the Public Schools, December 1st, are as follows :

United States, 8,885; Ireland, 115; Canada, 168; England, 126; Germany, 22; Scotland, 14; Sweden, 237; Norway, 14; Russia, 9; Italy, 10; Denmark, 1; Belgium, 1; France, 1; Turkey, 2; Azores, 2; Ceylon, 2; Nova Scotia, 8; New Brunswick, 2; Newfoundland, 1; West Indies, 2.

The parentage of the children in the Public Schools, December 1st, for the last sixteen years is as follows :

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882
United States	2448	2617	2742	2704	2862	3028	3017	3075	3232	3241	3340	3582	3749	3974	4163	4384
Canada	224	288	277	387	425	423	431	420	412	415	468	539	608	830	532	717
Ireland	2509	2547	2800	2888	2763	2920	2702	2744	2802	2858	2880	3055	3099	3293	3385	3396
England	174	209	205	257	250	290	252	259	296	287	312	316	324	354	388	443
Germany	83	86	97	123	125	140	138	115	138	155	146	160	134	153	166	178
Scotland	40	46	45	56	68	70	72	60	62	68	67	72	59	73	77	69
Sweden . . . . .	.....	.....	.....	.....	.....	.....	10	10	20	36	37	49	75	126	184	289
Other Countries	16	29	34	39	43	80	66	70	91	83	98	100	111	138	161	145
Total	5494	5822	6200	6454	6536	6951	6688	6753	7053	7015	7348	7873	8159	8941	9056	9622
United States	2448	2617	2742	2704	2862	3028	3017	3075	3232	3241	3341	3582	3749	3974	4163	4384
Foreign Countries	3046	3205	3458	3750	3674	3923	3671	3678	3821	3774	4007	4291	4410	4967	4893	5238

ABSENCE AND TARDINESS.

YEARS.	Average number be-longing.	Number of half days absence.	Average to each scholar.	Number of cases of tardiness.	Average to each scholar.
1867	5343	189,225	35.6	30,727	6.4
1868	5874	225,284	38.5	29,457	5.6
1869	6097	196,159	32	27,422	5
1870	6385	216,096	33.7	25,710	4.6
1871	6588	233,852	34.6	23,707	4
1872	6238	243,575	39	21,608	3.9
1873	6180	184,148	29.8	11,132	2
1874	6521	166,591	24.2	15,656	2.6
1875	6705	188,438	27.1	15,648	2.3
1876	7042	192,079	29.3	15,871	2.4
1877	7003	176,635	25.2	15,256	2.3
1878	7686	188,284	24.5	16,449	2.1
1879	7745	205,681	26.5	16,956	2.2
1880	8419	258,314	30.7	19,547	2.3
1881	8860	276,570	31.2	18,702	2.1
1882	9008	290,475	32.2	22,512	2.5

TABLE showing the Location, Size and Value of the School-house Lots belonging to the School Department.

LOCATION.	Material.	Stories.	Size.	No. of School Rooms.	Condition.	Estimated Value.	Size of Lots, sq. feet.	Estimated Value per foot.	Amount.	Total Value of Houses and Lots.	REMARKS.
High.....	Brick,	3	130 x 67	13	Good.	\$ 125,000	31,672	\$ 1 30	\$41,173	\$ 166,173	[Ing Schools in this Building. Ward 1 ward-room and rooms for Evening Draw-Ward 2 ward-room in basement. Addition built [in 1881, 38 x 68, for six school-rooms. Hall in French roof and two school-rooms. Hall in French roof and three school-rooms, and [Ward 4 ward-room in basement. Two L's 52 x 21 each. Hall in French roof and three school-rooms, and Addition built in 1880, 46.6 x 36.6 for school-rooms [Ward 8 ward-room in basement. Addition built in 1880, 38 x 34.8 for three school-rooms. L 51 x 33 and hall in French roof. L 55 x 28.
Walnut Street.....	"	3	70 x 30	6	"	20,000	9,487	1 30	12,533	32,333	
Belmont Street.....	"	3	92 x 90	15	"	30,000	31,440	25	7,800	37,800	
Dix Street.....	"	2	96 x 60	10	"	30,000	24,000	25	6,000	36,000	
Woodland Street.....	"	2	96 x 60	9	"	28,000	40,000	25	10,000	38,000	
Woodland Street.....	"	2	96 x 41	4	"	10,000				10,000	
Lamarine Street.....	"	2	96 x 60	12	"	27,000	48,040	20	9,608	36,608	
Washington Street.....	"	2	50 x 30	12	"	5,500	7,188	60	4,313	9,813	
Ledge Street.....	"	2	96 x 60	12	"	30,000	40,670	20	8,134	38,134	
Thomas Street.....	"	3	75 x 53	12	"	33,000	25,433	60	14,060	47,060	
Sycamore Street.....	"	3	75 x 52	8	"	20,000	12,625	75	9,468	29,468	
East Worcester.....	"	3	62 x 30	6	"	13,000	18,150	40	7,260	20,210	
Providence Street.....	"	4	62 x 50	4	"	5,000	9,060	50	4,530	9,530	
Grafton Street.....	"	2	64 x 52	4	"	18,000	58,000	50	29,000	47,000	
Grafton Street.....	"	2	46 x 24	2	Fair.	15,000	24,897	15	8,734	18,734	
South Worcester.....	Wood,	3	59 x 51	6	Good.	2,000	13,400	30	4,020	17,420	
Oxford Street.....	Brick,	3	75 x 32	9	"	20,000	29,184	10	2,918	22,918	
Winstow Street.....	"	3	52 x 50	9	"	17,000	17,200	1 25	21,500	22,918	
Salem Street.....	"	2	66 x 51	4	"	12,000	26,000	20	5,001	17,001	
Edgeworth Street.....	"	2	62 x 50	4	"	12,000	12,555	40	5,022	17,022	
New Worcester.....	"	2	62 x 36	9	"	22,000	30,760	5	1,538	23,538	
Summer Street.....	Wood,	2	51 x 48	5	Poor.	9,000	14,900	15	2,235	11,225	
Quinsigamond.....	Brick,	2	75 x 32	6	Good.	20,000	16,083	40	6,433	9,433	
Mason Street.....	"	2	44 x 30	3	"	5,500	34,500	5	1,725	21,725	
Adriatic.....	"	2	62 x 51	6	"	15,000	13,200	15	1,980	7,480	
Union Hill.....	Wood,	2	45 x 30	4	Fair.	3,000	25,000	10	2,500	17,500	
Northville.....	Brick,	2	73 x 28	2	Good.	2,000	11,000	10	1,100	3,100	
Tannock.....	"	1	43 x 32	2	"	5,500	34,875	500	500	6,000	
Valley Falls.....	Wood,	2	46 x 32	2	"	5,000	11,500	100	300	5,300	
Valley Falls.....	"	2	98 x 22	2	"	6,600	29,440	100	600	6,700	
Bridgeville.....	"	1	30 x 25	1	Old.	500	4,988	100	75	375	
Biltwood.....	"	1	38 x 28	1	Good.	1,500	43,560	100	100	1,600	
Bloomington.....	Brick,	1	40 x 22	1	Fair.	3,000	14,000	200	3,200	3,200	
Adams Square.....	"	1	40 x 28	1	Good.	2,800	22,380	300	3,100	3,100	
Burncoat Flah.....	"	1	30 x 28	1	Fair.	2,500	21,500	200	2,700	2,700	
North Pond.....	Wood,	1	40 x 32	1	"	1,200	20,300	300	300	1,300	
Chamberlain.....	"	1	38 x 22	1	"	1,200	21,780	100	100	1,300	
Lake View.....	"	1	44 x 30	1	Good.	1,600	15,684	400	400	2,000	
				213		\$ 625,600	19,98 acres.		\$ 226,120	\$ 851,720	

ORGANIZATION OF THE SCHOOL COMMITTEE

OF THE

CITY OF WORCESTER,

JANUARY, 1883.

SAMUEL E. HILDRETH, *President.*

ALBERT P. MARBLE, *Sup't and Sec'y.*

464 MAIN STREET.

Members whose term expires January, 1886. Members whose term expires January, 1885. Members whose term expires January, 1884.

GEO. F. THOMPSON,	AUSTIN P. CRISTY,	GEORGE W. PHILLIPS,
EDWIN H. HILL,	CHARLES M. LAMSON,	FORREST E. BARKER,
JOHN J. CASEY,	EUGENE M. MORIARTY,	DENNIS SCANNELL,
JOHN J. MCCOY,	JOHN B. COSGROVE,	JEREMIAH MURPHY,
RICHARD O'FLYNN,	GEORGE C. REIDY,	THOMAS J. CONATY,
HENRY S. KNIGHT,	ALZIRUS BROWN,	GEORGE H. BALL,
EMERSON WARNER,	HENRY L. PARKER,	KATE C. TAFT,
EDWARD B. GLASGOW.	GEORGE SWAN.	RUFUS WOODWARD.

STANDING COMMITTEES.

ON SCHOOL-HOUSES.—Messrs. Brown, Murphy, Cosgrove, Reidy and Hill.

ON BOOKS AND APPARATUS.—Messrs. Warner, Phillips, Scannell, Parker and O'Flynn.

ON TEACHERS.—Superintendent *ex-officio*, and Messrs. Conaty, Lamson, Swan, Warner and Barker.

ON APPOINTMENTS.—Superintendent *ex-officio*, Mrs. Taft, and Messrs. McCoy, Glasgow, Casey and Ball.

ON FINANCE.—The Mayor *ex-officio*, Messrs. Woodward, Moriarty, Cristy, Thompson and Knight.

The Committee of Visitation shall exercise a general supervision over the schools to which they are severally assigned, and shall visit them not less than once in four weeks, and report their condition at the monthly meeting of the Board.—[Rules, Chap. 3, Sec. 6.]

Though each school is assigned to a special committee, yet every member of the Board shall consider it his duty to watch over and visit all the public schools of the city, as his convenience will permit.—[Sec. 7.]

VISITING COMMITTEES.

HIGH SCHOOL.

<i>Committee.</i>	<i>Teachers.</i>	<i>Salary.</i>
WARNER,	{ Alfred S. Roe, Principal	\$2,700
Conaty,	{ A. Carey Field,	1,800
Lamson,	{ William F. Abbot	1,350
	{ Joseph H. Perry	800
Swan,	{ Charles S. Chapin	950
	{ Mary P. Jefts	1,000
	{ Mary A. Parkhurst	850
Glasgow,	{ [Jennie I. Ware]	
	{ Rachel L. Moore	850
Woodward,	{ Josephine L. Sanborn	850
	{ Mary L. Bridgman	850
McCoy,	{ Alice Goddard	650
Ball,	{ Nellie M. White	650
	{ Annie L. Fifield	650

The ROMAN NUMERALS designate the ROOMS to which members of committees are specially assigned, and the GRADES according to the course of study.

<i>Committee.</i>	<i>Teachers.</i>	<i>Grade.</i>	<i>Salary.</i>
BELMONT STREET.			
Lamson,	Arthur G. Lewis, Principal	IX	\$2,000
"	Emma C. McClellan, Asst.		600
"	Mary H. Warren	VIII	600
"	Sarah L. Phillips	VII	550
"	Francis P. McKeon	VI	550
Moriarty,	Tirzah S. Nichols	VI	550
"	Jennie L. Dearborn	V	550
"	Esther G. Chenery	V	550
"	Carrie P. Townsend	IV	500
"	Mattie A. Collins	IV	500
Hill,	Carrie A. Smith	III	500
"	Mary A. Sanborn	III	500
"	(Jennie M. Sprout)		
"	Anna M. Smith	II	500
"	Anna M. Waite	II	500
"	Lilla F. Upton	I	500
"	Ida M. McCambridge	I	500
DIX STREET.			
Warner,	William H. Bartlett, Principal	IX	2,000
"	Clara Manly, Asst.		600
"	Mary C. Ainsworth	VIII	550
"	Effie F. Kinne	VII	550
"	Minnie W. Sherman	VI	550

<i>Committee.</i>	<i>Teachers.</i>	<i>Grade.</i>	<i>Salary.</i>
Cosgrove,	Martha P. Valentine	V	\$550
"	Susie W. Forbes	IV	500
"	Esther B. Smith	III	550
Cristy,	Alice W. Giddings	II	500
"	Alice E. Johnson	II-I	500
"	Harriet Lightbourn	I	500
WALNUT STREET.			
Phillips,	Nellie C. Thomas, Principal	VIII	700
"	Kate A. Meade	VII	550
"	Ella M. McFarland	VI	550
O'Flynn,	Eunice M. Gates	V	500
"	(Olive G. Davidson)		
"	Kate A. Coughlin	IV-III	500
"	Mary E. McCormick	II-I	500
"	Elizabeth N. Robinson	I	500
WOODLAND STREET.			
Mrs. Taft,	Edward I. Comins, Principal	IX	2,000
"	Alice E. Meriam, Asst.		500
"	Ann S. Dunton	VIII	550
"	Mary M. Lawton	VII	550
"	Edward D. Fitch	VI	550
Parker,	Carrie R. Clements	VI-V	550
"	Martha T. Wyman	V	550
"	Sarah J. Melanefy	IV	500
"	M. Rosalie Goddard	IV-III	500
Casey,	Maggie I. Melanefy	III	500
"	Ella E. Goddard	II	500
"	Maggie A. Flaherty	II	500
"	Emma Buckley	I	500
"	Mary E. Proctor	I	500
WASHINGTON STREET.			
Swan,	Charles T. Haynes, Principal		1,500
"	Ida L. Gaskill, Asst.	IX	600
"	M. Louise Rice, Asst.	IX	550
LAMARTINE STREET.			
O'Flynn,	J. Chauncey Lyford, Principal	VII	1,200
"	Sarah M. Averill, Asst.		500
"	Ida A. Tew	VI	500
"	Louise A. Dawson	V	550
"	Mary E. Kavanagh	V	500
Warner,	Ellen T. Shannon	IV	550
"	F. Belle Perry	IV	500
"	Anna M. Murray	III	500
"	Emma M. Plimpton	III-II	500
Reidy,	Emma F. Brown	II	500
"	Ida F. Boyden	I	500
"	Mary B. Wheatley	I	500

<i>Committee.</i>	<i>Teachers.</i>	<i>Grade.</i>	<i>Salary.</i>
Reidy,	Anna B. Ranger	I	\$500
	LEDGE STREET.		
McCoy,	Charles C. Woodman, Principal	IX	2,000
"	Margaret M. Geary, Asst.		600
"	Emma L. Cowles	VIII	550
"	Maria P. Cole	VIII-VII	550
"	Kate A. McCarthy	VII	550
Swan,	Mary J. Packard	VI	550
"	Alice G. McMahon	V-IV	550
"	Frances M. Athy	V	500
"	Marion C. Tucker	IV	500
Thompson,	Mary E. D. King	III	500
"	Mary V. Callaghan	II	550
"	(Mary B. Dudley)		
Parker,	Fanny A. Williams	I	500
"	Carrie E. Howe	I	500
	THOMAS STREET.		
Cristy,	Harriet G. Waite, Principal	VIII	1,040
"	Mary E. Houghton, Asst.		550
"	Abbie C. Southar	VII-VI	550
"	S. Lizzie Wedge	VI	550
"	(Belle H. Tucker)		
"	Ella A. Casey	V	500
Scannell,	Mary E. Fitzgerald	V-IV	550
"	Hattie W. Bliss	IV	500
"	(Lucia N. Jennison)		
"	Eudora A. Dearborn	III	500
"	(Abbie F. Hemenway)		
"	Rose I. Seavey	III-II	500
Glasgow,	Addie E. Sprague	II	500
"	Mary E. Barnard	I	500
"	Jennie C. Clough	I	500
	SYCAMORE STREET.		
Moriarty,	M. Ella Spalding, Principal	VIII	550
"	Mary A. Hathaway	VII	550
"	A. Teresa Timon	VI	550
"	Susie A. Partridge	V	550
Barker,	Hattie S. Hagen	IV	500
"	Sarah W. Clements	III	550
"	Ida A. E. Kenney	II	500
"	Eliza J. Day	I	500
	EAST WORCESTER.		
Scannell,	Ella W. Foskett, Principal	VI	700
"	Minnie M. Parmenter, Asst.		550
"	Annie Brown	V	550
"	Mary E. C. Carroll	V-IV	550
Cristy,	Julia A. Bunker	IV	500

<i>Committee.</i>	<i>Teachers.</i>	<i>Grade.</i>	<i>Salary.</i>
Cristy,	Kate C. Cosgrove	III	\$500
"	Aloysia Radcliffe	III	550
Lamson,	Mary E. Russell	II	500
"	Mary J. O'Connor	II	500
"	Maggie E. Magone	I	500
"	Anna T. Kelley	I	500
PROVIDENCE STREET.			
Ball,	Etta A. Rounds, Principal	VIII	700
"	Mary F. Harrington	VII	550
"	Sarah J. Newton	VI	550
"	Mary A. Egan	V	500
Murphy,	Esther E. Travis	IV	500
"	S. Cornelia Chamberlin	III	500
"	Ella J. Lyford	II	500
"	Mary A. Kane	I	500
GRAFTON STREET.			
Casey,	Bridget T. Carlon, Principal	V	700
"	Evelyn E. Towne	IV	500
"	Kate A. McLoughlin	III	500
Knight,	Margaret J. McCann	II	500
"	Carrie M. Adams	I	500
"	Ella J. Emerson	I	500
ASH STREET.			
Glasgow,	Mary J. Mack, Principal	VI	700
"	Mary S. Eaton	V	550
"	Mabel Crane	IV	500
Cosgrove,	Kate A. Fallon	III	500
"	Sarah A. Boyd	II	500
"	Marina H. Tucker	I	500
SOUTH WORCESTER.			
Conaty,	Carrie A. George, Principal	VIII	800
"	Amelia M. Walker	VII	550
"	Kate E. Kenney	VI	550
"	Ellen M. Boyden	V	550
Phillips,	Mary O. Whitney	IV	550
"	Lydia W. Ball	III	500
"	Mary C. Paige	II	500
"	Maggie A. Mahony	I	500
OXFORD STREET.			
Barker,	Ella L. Dwyer, Principal	VIII	700
"	Janet Martin	VII	550
"	Ella K. Morgan	VII-VI	550
"	Mary L. Norcross	V	500
Woodward,	Nettie A. Murray	V	500
"	Emma J. Houghton	IV	500

<i>Committee.</i>	<i>Teachers.</i>	<i>Grade.</i>	<i>Salary.</i>
Woodward,	Mabel B. Tew	IV	\$500
"	Mary F. Barker	III	500
"	M. Gertrude Griggs	II	500
"	Catherine T. Nevins	I	500
WINSLOW STREET.			
Hill,	Amy E. Hopson, Principal	VI	600
"	Lucy Lewisson	V-IV	500
Ball,	Josephine A. Hunt	IV	550
"	Emma S. Peirce	III	450
SALEM STREET.			
Thompson,	Minnie F. Whittier, Principal	IV	600
"	Mary O. Whitmore	III	500
McCoy,	Nellie F. Lindsay	II	500
"	Nellie J. Carlon	I	500
EDGEWORTH STREET.			
Brown,	Ella E. Roper, Principal	VIII-VII	700
"	Sarah Brigham	VI	550
"	Anna P. Smith	V	550
"	Sarah M. Brigham	IV	500
"	Jennie E. Maloney	IV-III	500
Thompson,	Hattie G. Gates	III-II	500
"	Julia E. Greenwood	II	500
"	Anna H. Newton	I	500
"	Selma P. Ahlstrom	I	500
NEW WORCESTER.			
Parker,	Charlotte H. Munger, Principal	VIII-VII	800
"	Mattie Howe, Asst.		550
"	S. Lizzie Carter	VI-V	550
"	M. Ella Clark	IV	500
Conaty,	Jennie M. Tainter	III	500
"	Hattie S. Putnam	II	500
"	Rebecca H. Davie	I	500
SUMMER STREET.			
Cosgrove,	Abbie A. Wells, Principal	V	600
"	Mary A. Hayward	IV	500
"	Carrie F. Meriam	III	500
Glasgow,	Mary A. Gauren	II	500
"	Arabell E. Burgess	I	500
QUINSIGAMOND.			
Murphy,	Richard H. Mooney, Principal	VII-VI	500
"	Helena M. Kalaher	V-IV	550
"	Edna Currier	IV-III	500
Knight,	Ella E. Hall	III-II	500

<i>Committee.</i>	<i>Teachers.</i>	<i>Grade.</i>	<i>Salary.</i>
Knight,	Mary A. Winter	II-I	\$500
"	Olive M. Butler	I	500
MASON STREET.			
Knight,	Mary E. Pease, Principal	II	550
"	Effie L. Bennett	I	500
"	Hattie B. Andrews	I	500
ADRIATIC.			
Reidy,	Emma A. Porter, Principal	VII	700
"	Sarah E. Rogers	VI	550
"	Lizzie E. Chapin	V	500
"	Mary A. Rourke	IV	500
Brown,	Abby B. Shute	III	500
"	Cora A. Baldwin	II	500
"	Mary M. Bowen	I	500
"	Mary E. Horgan	I	450
UNION HILL.			
Woodward,	Mary A. Kean, Principal	IV-III	550
"	Etha M. Stowell	II-I	500
"	Anna D. Stowell, Asst.		450

SUBURBAN.

<i>Committee.</i>	<i>Place.</i>	<i>Teachers.</i>	<i>Salary.</i>
Ball,	Northville,	Elida M. Capen, (<i>Anna De W. Pearce.</i>)	\$500
Knight,	Tatnuck,	Elma L. Studley,	500
Mrs. Taft,	Trowbridgeville,	Eva E. Stone,	500
Scannell,	Blithewood,	Edw. A. Quinland,	500
Glasgow,	Bloomingtondale,	Jennie L. Higgins,	500
Ball,	Adams Square,	Caroline I. Stone,	500
Ball,	Burncoat Plain,	Thomas W. Butler,	500
McCoy,	North Pond,	Peter A. Conlin,	500
Phillips,	Chamberlain,	Fanny R. Spurr,	450
McCoy,	Lake View,	Emma G. Goodwin,	500
Mrs. Taft,	Valley Falls,	Eliza J. Seaver, VI-IV	500
Mrs. Taft,	" "	Georgianna M. Newton, III-I	500

DRAWING.

Walter S. Perry, *Teacher*, \$1,650.

COMMITTEE.

Messrs. Murphy, Parker, Barker, Lamson and Reidy.

MUSIC.

Seth Richards, *Teacher*, \$1,500.

COMMITTEE.

Messrs. Cosgrove, Woodward, McCoy, Mrs. Taft and Mr. Swan.

EVENING SCHOOLS.

COMMITTEE.

Messrs. Conaty, Casey, Mrs. Taft, Messrs. O'Flynn, Hill and Thompson.

TRUANT OFFICERS.

Henry E. Fayerweather,

Wm. Hickey.

SCHOOL CALENDAR FOR 1883.

Vacation periods indicated by Full Face Figures.

1883.	Sunday.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.	1883.	Sunday.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
JAN.	...	1	2	3	4	5	6	JULY.	1	2	3	4	5	6	7
	7	8	9	10	11	12	13		8	9	10	11	12	13	14
	14	15	16	17	18	19	20		15	16	17	18	19	20	21
	21	22	23	24	25	26	27		22	23	24	25	26	27	28
	28	29	30	31	...	...	...		29	30	31	...	...	...	...

FEB.	...	...	...	...	1	2	3	AUGUST.	...	...	...	1	2	3	4
	4	5	6	7	8	9	10		5	6	7	8	9	10	11
	11	12	13	14	15	16	17		12	13	14	15	16	17	18
	18	19	20	21	22	23	24		19	20	21	22	23	24	25
	25	26	27	28	...	...	...		26	27	28	29	30	31	...

MARCH.	...	...	...	...	1	2	3	SEPT.	...	...	...	...	...	...	1
	4	5	6	7	8	9	10		2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	...	...	...	...	...	...
APRIL.	1	2	3	4	5	6	7	OCT.	...	1	2	3	4	5	6
	8	9	10	11	12	13	14		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
	29	30	...	...	...	...	...		28	29	30	31	...	...	...

MAY.	...	...	1	2	3	4	5	NOV.	...	...	...	...	1	2	3
	6	7	8	9	10	11	12		4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	...

JUNE.	...	...	...	...	...	1	2	DEC.	...	...	...	...	...	...	1
	3	4	5	6	7	8	9		2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	...	...	...	...	...	...	...		30	31	...	...	...	...	...

The 1st Term begins Dec. 4th, 1882, and ends Feby. 17th, 1883, comprising 10 weeks.

The 2d " " Feb. 26th, 1883, " " April 28th, " " 9 "

The 3d " " May 7th, " " June 30th, " " 8 "

The 4th " " Sept. 3d, " " Dec. 1st, " " 13 "

Assuming that Thanksgiving Day will be Thursday, November 29th.

ANNUAL REPORT

OF THE BOARD OF

OVERSEERS OF THE POOR,

FOR THE YEAR 1882.

At the Regular Monthly Meeting of the Board of Overseers of the Poor, held January 5th, 1883, the following Report was adopted, and the Clerk instructed to present the same to the City Council with the request that when printed they be furnished with 500 copies for their use and distribution.

Also that the accompanying Reports of the Committee on the Truant School and of the City Physician may be printed with them as has been customary for several years past.

By order of the Board.

GEORGE W. GALE, *Clerk.*

ANNUAL REPORT

OF THE BOARD OF

OVERSEERS OF THE POOR.

Gentlemen of the City Council :

IN accordance with the requirements of the Ordinance, we herewith present you a report of the operations of this Board for another year, during which it has probably been brought more prominently before the public and your honorable body than ever previously, as its action has been investigated and discussed without limit.

But the problem of how we can best provide for the poor appears no nearer a solution than heretofore, and the probabilities are that it never will be until some way is devised to prevent intemperance, which is the source from which the greater portion of our paupers are furnished, and probably the direct cause of more suffering and misery than all other agencies combined.

No radical change or alteration has been made in the Pauper Laws during the past year, but the operations of former changes become every year more apparent in the increased number of those who were formerly State Paupers, whom we are now called to provide for as city or town charges ; and Chapter 242, Acts of 1879, comes most prominently forward in its workings as a species of drag-net to catch all who could not be turned over to the care of the towns by the operations of former enactments.

We have been requested to suggest some remedy for the complaints made against the State Board, in reference to compensation for aid to State Paupers, and, as there are now so few who

cannot by some law be settled on a city or town, we see no reason why the same laws that are in force governing the action between cities and towns should not be made applicable to the State Board, and they be required, either to remove State Paupers, provide for them themselves, or reimburse all reasonable expenditures made on their account by the municipalities where they may for the time being reside.

At the regular monthly meeting held on Friday, Oct. 6th, the following communication was read before the Board of Overseers of the Poor :—

“The Committee on Relief, would call the attention of the Board to the fact that although there has been no unusual depression of business or scarcity of work or other particular cause of destitution or distress amongst the poor of the city during the present year, and that an additional thousand dollars was made to this year’s appropriation for City Relief;

Yet, owing to the persistent and continued agitation and discussion of the workings of this department, and the pressing demands brought to bear for obtaining aid during the summer months from unaccustomed sources, the entire appropriation for the whole year is already more than exhausted and there is not sufficient funds to pay all the bills for the past month, and there are still two more months to be provided for. The bills for the month of October, 1881, were \$500.01, and those for November, \$847.47, making a total of \$1,347.48; and, judging from the disbursements that have been called for during the past ten months, the next two will probably not be less than last year, and indicates a deficit of at least \$1,500.00 in the accounts for the present year.

The attention of the Board is called to this subject in order that such action as is necessary, may be taken to provide for the same.”

The report was accepted by the Board and referred to the City Auditor with the request that it be presented to the City Council; and in response to the same, an appropriation of seventeen hundred dollars was made, all of which has been disbursed, making the largest sum ever expended for City Relief in any year by this department.

Our expenditures on account of the Insane Paupers continue steadily to increase, and an application from this Board to the Authorities in charge of the Hospital for a transfer of those who are classed as harmless insane to our almshouse, has, during the past year been made; but permission for the change was refused

by the Trustees; although their annual report represents their Institution as being over-crowded.

CITY RELIEF DEPARTMENT.

The total number of families having applied for and received aid during the year is five hundred and ninety-two; comprising seven hundred and ninety-one males, and eight hundred and twenty-eight females, or sixteen hundred and nineteen persons.

Of these, four hundred and thirty-seven families, consisting of five hundred and seventy-seven males, and six hundred and twenty-eight females, or twelve hundred and five persons, have legal pauper settlements in this city or elsewhere; and one hundred and fifty-five families, consisting of two hundred and fourteen males, and two hundred females, or four hundred and fourteen persons were State Paupers, or had no known settlement.

The whole number having a legal pauper settlement who have received full support for the whole or part of the year, is one hundred and eighty-five—one hundred and one males and eighty-four females.

The number provided for at the several Insane Hospitals, during the year, has been fifty-five—twenty-eight males and twenty-seven females.

Seventy-eight State Paupers have been sent to the State Almshouse at Tewksbury after having been aided here to a greater or less extent.

Eighty-eight families, consisting of one hundred and eighty-one males, and one hundred and eighty-five females, or three hundred and sixty-six persons having a legal settlement in other cities and towns, but living here, have been aided here during the year in accordance with the wishes or instructions of the Overseers of the Poor of the several places where they have their settlement.

In providing for the cases above mentioned, by the Department for Temporary Aid, at the office of the Clerk of the Board,

there have been drawn two thousand, three hundred and forty orders on various persons, for the following necessities:—

For Fuel,	\$1,309 30
Groceries,	2,637 42
Furniture and clothing,	80 50
Medicine, attendance and nursing,	404 80
Burial expenses,	825 00
Transportation of paupers,	348 92
Insane Hospital bills,	7,784 32
State Reformatory Institution bills,	761 73
Cash allowances,	193 45
Aid to Worcester poor in other towns,	1,289 55
Stationery, postage and printing,	172 06
Miscellaneous expenses,	497 66
	<hr/>
Total,	\$16,304 71

For the monthly expenditure of which, you are referred to the table attached to this section of the report.

CITY RELIEF DEPARTMENT.

	No. of Orders Drawn.	Cost of Fuel.	Cost of Groceries.	Furniture and Clothing.	Medicine, Attendance and Nursing.	Cost of Burials.	Transportation of Paupers.	Insane Hospital Bills.	Paid in Cash Allowances.	State Reformatory Institution Bills.	Paid other Towns.	Books, Stationery, Postage and Printing.	Miscellaneous Expenses.	Total.
December, 1881,	198	\$155 80	\$215 02	\$11 00	\$22 00	\$70 00	\$18 56	\$2,020 12	\$ 1 00	\$ 18 81	\$ 76 55	\$10 75	\$37 50	\$2,657 11
January, 1882,	328	257 20	299 60	8 00	22 60	85 00	18 10	19 04	5 50	219 50	166 72	47 45	90 29	1,239 00
February,	288	224 50	318 60		31 40	65 00	14 10		34 25		98 93	6 00	38 00	830 78
March,	296	241 60	292 70	14 50	53 95	100 00	27 45	1,812 57	22 35			5 00	36 75	2,606 87
April,	198	117 10	263 50		19 10	75 00	21 68		1 10	147 50	212 60	54 18	44 71	956 47
May,	143	72 60	196 00	5 75		80 00	24 55		18 50		65 12		46 00	508 52
June,	144	20 50	195 00	10 00	133 75	45 00	32 20	1,712 74	15 50		18 00	5 00	45 25	2,232 94
July,	122	8 00	201 00	10 00	20 90	80 00	31 05	145 05	5 90	210 92			28 62	741 44
August,	108	13 00	144 00	14 00	22 55	55 00	21 50		23 00		30 00	4 00	14 00	341 05
September,	139	29 00	170 00	5 75	21 25	80 00	56 75	1,965 23	9 00		63 48	9 00	31 00	2,440 46
October,	146	51 50	150 00	1 50	34 60	75 00	48 78	109 57	10 00	165 00	10 50	21 35	50 12	727 92
November,	230	118 50	192 00		22 70	15 00	34 20		47 35		547 65	9 33	35 42	1,022 15
	2340	\$1,309 30	\$2,637 42	\$80 50	\$404 80	\$825 00	\$348 92	\$7,784 32	\$193 45	\$761 73	\$1,289 55	\$172 06	\$497 66	\$16,304 71

Amount given out in *Dole* at the Clerk's office during the year.

	No. of orders drawn.	Amount drawn by persons having a Settlement in this City.	Amount drawn by persons having a Settlement in other Towns.	Amount drawn by persons having no known Settlement anywhere.	TOTAL.
December, 1881,	198	\$183 70	\$148 20	\$113 20	\$445 10
January, 1882,	328	312 20	221 20	173 05	706 45
February,	288	350 85	95 75	188 00	634 60
March,	296	379 70	187 80	108 45	675 95
April,	198	231 30	123 00	122 35	476 65
May,	143	204 90	88 15	95 75	388 80
June,	144	188 25	82 52	79 30	350 07
July,	122	149 40	67 30	99 00	315 70
August,	108	124 60	89 25	61 55	275 40
September,	139	184 05	97 70	93 60	375 35
October,	146	181 95	70 40	81 25	333 60
November,	230	289 40	117 80	108 50	515 70
	2340	\$2,780 30	\$1,389 07	\$1,324 00	\$5,493 37

The salary of the City Physician and that of the Clerk of the Board are also charged to the expense of the City Relief Department, and have been as follows : —

City Physician,	\$1,100 00
Clerk of the Board,	1,200 00
Disbursements,	16,304 71
Total Expenditures,	\$18,604 71

The resources have been as follows : —

Appropriation by City Council,	\$14,000 00
Additional Appropriation,	1,700 00
Received in reimbursement from State and other cities and towns and individuals,	3,380 94
Total Receipts,	\$19,080 94
Total Expenditures,	18,604 71
Unexpended balance, Nov. 30th, 1882,	\$476 23

List of Insane persons who have a legal pauper settlement in this city, and who have received full support at the Insane Hospitals during the year.

REGISTERED PAUPER NO.	NAME.	AGE.	BIRTHPLACE.	PLACE OF SUPPORT.
1671	Johanna Buckley,	53	Ireland,	Wor. Lunatic Hospital.
1910	Henry C. Bainbridge,	50	England,	" " "
2147	Helen Boulger,	18	England,	" " "
2042	John Curley,	40	Ireland,	" " "
1908	Ann Jane Conelly,	—	Ireland,	" " "
1277	Frank C. Cook,	16	Worcester,	" " "
31-81	Abbie L. Coggeshall,	50	Maine,	Danvers Lun. Hosp.
1292	Abbie Donahue,	26	Unknown,	Wor. Lunatic Hospital.
1657	Selina E. Davis,	—	Unknown,	" " "
1903	Thomas J. Drooney,	26	Grafton,	" " "
2370	Thomas Drohan,	35	Ireland,	" " "
2383	Johanna Donahoe,	—	Unknown,	" " "
394	Margaret Dee,	36	Sheffield,	" " "
2380	Kate Dooley,	34	Ireland,	" " "
2402	Jas. J. Dunn,	32	Ireland,	" " "
676	Richard Everett,	56	Ireland,	Hosp. for Chr. Insane.
2291	Bridget Finnegan,	24	Ireland,	Wor. Lunatic Hospital.
2341	Patrick Finneran,	—	Unknown,	Hosp. for Chr. Insane.
2373	Annie L. Fales,	45	Connecticut,	Wor. Lunatic Hospital.
729	Bridget Foley,	68	Ireland,	" " "
572	Patrick Grace,	49	Ireland,	" " "
759	Michael Goulding,	31	Worcester,	" " "
246	Albert S. Garfield,	55	England,	" " "
1281	Jas. P. Hogan.	32	WestBoylston,	" " "
2115	Patrick Holly,	49	Ireland,	Taunton Lun. Hosp.
2206	Casimir Henreich,	38	Germany,	Northampton L. Hosp.
2339	Thomas Higgins,	27	Ireland,	Wor. Lunatic Hospital.
1276	John Jackson, jr.,	32	Salem,	" " "
2026	Johanna Kennedy,	32	Ireland,	" " "
1339	John Kelly,	46	Ireland,	" " "
1030	Houora Leary,	45	Ireland,	" " "
2010	John Looney,	27	Ireland,	" " "
2106	Jennie M. Laying,	30	Worcester,	" " "
1012	Mary McGrath,	46	Ireland,	" " "
757	Nora T. Murphy,	31	Ireland,	" " "
655	James P. Mulcahey,	44	Worcester,	" " "
1347	Morris Maroney,	—	Ireland,	" " "
2125	Martin J. Murphy,	35	Ireland,	" " "
2054	Frank McGarrell,	38	Ireland,	" " "
1693	Frank H. Mason,	23	Worcester,	Northampton L. Hosp.
1198	Bernard McDermott,	47	Ireland,	Wor. Lunatic Hospital.
1794	Johanna McKenna,	45	Ireland,	" " "
1734	Johanna O'Brien,	59	Ireland,	" " "
1908	Fanny C. Perry,	31	Unknown,	" " "
1273	Edith C. Pierce,	26	Unknown,	" " "
1428	Mary Ronan,	36	Ireland,	" " "
2092	Alonzo V. Stoneberger.	37	Ohio,	" " "
1052	Catherine Sullivan, 3d.	38	Ireland,	" " "
202	John Sweeney,	35	Ireland,	" " "
2431	Johanna Sullivan,	30	Ireland,	" " "
1312	Mary Twoomy,	51	Ireland,	" " "
2286	Edna C. Thompson,	21	Grafton,	" " "
2184	Sarah E. Walker,	35	Unknown,	" " "
2260	Peter Walsh,	39	Ireland,	" " "
2381	William Whittaker,	—	Unknown,	" " "

Persons having a legal pauper settlement in Worcester, sentenced to and receiving full support at Bridgewater Work-house.

Registered Number.	NAME.	AGE.	BIRTHPLACE.
2208	James T. Courtney	46	Ireland.
1136	John Radda	54	Ireland.
2035	Humphry M. Tyler	56	New Hampshire.

Boys sentenced to and supported at the State Reform School at Westboro', and having a legal pauper settlement in Worcester.

Registered Number.	NAME.	AGE.	BIRTHPLACE.
1287	Charles L. Belden	15	Worcester.
916	Timothy Buckley	19	Upton.
2034	James Carpenter	—	Unknown.
2330	Thomas Curran	15	Unknown.
1250	Thomas Grady	18	Unknown.
1722	Dennis Lynch	16	Worcester.
2028	Peter Moran	17	Unknown.
1565	William Maple	—	Unknown.
285	Henry McCann	14	Worcester.
2041	Orrin A. Seaward	—	Unknown.

Girls sentenced to and supported at the State Industrial School at Lancaster, and having a legal pauper settlement in Worcester.

Registered Number.	NAME.	AGE.	BIRTHPLACE.
916	Julia Buckley	16	Worcester.

Children sentenced to and supported at the State Primary School at Monson, and having a legal pauper settlement in Worcester.

Registered Number.	NAME.	AGE.	BIRTHPLACE.
701	Thomas Breslin	15	Worcester.
1830	John Boyle	12	Worcester.
2389	Joseph Doucette	9	Canada.
667	William H. Kelly	—	Worcester.
518	Ishmael Kohl	14	Worcester.
191	Margaret Spence	10	Worcester.

CITY ALMSHOUSE DEPARTMENT.

During the past year, the steam-heating apparatus which was in an unfinished condition at the time of our last report has been completed and is now in operation in an entirely satisfactory manner.

The ventilating flues which were thought to be unsafe for use as chimneys, to which your attention was then called, have been entirely cased with a coating of brick, from cellar to attic, and all danger from fire from that source is thereby avoided.

The steam-work for clothes drying and laundry purposes generally, has been completed in a satisfactory manner and proves a great convenience which has long been needed.

The steam appliances for the kitchen are yet incomplete, but we hope they may soon be added.

The enclosure where the demented and partially insane inmates may have out-door exercise in good weather, without the probability of their absconding, has not yet been made, but we hope the work will not be much longer delayed.

The fire-escape has been put in position and gives promise of answering well the purpose for which it was intended.

On Thursday, Nov. 16th, the Board of Overseers of the Poor, together with the Board of Assessors and Assistants assembled at the City Almshouse as per agreement and proceeded at once to the duties assigned them, and when their labors were completed, made the following returns:—

About 95 acres of cleared land at \$80,	\$7,600 00	
“ 75 “ wood land at \$40,	3,000 00	
“ 25 “ Bond meadow at \$20,	500 00	
“ 8 “ Curtis lot at \$300,	2,400 00	
	<hr/>	
Total value of land,		\$13,500 00
Almshouse buildings and additions,	\$30,000 00	
Small brick house and corn-barn,	1,000 00	
Hospital building,	500 00	
Farm, stock, barn and connections,	7,000 00	
Horse stable and sheds,	5,000 00	
Pump-house and water-works,	3,000 00	
Swine-house and pens,	10,000 00	
	<hr/>	
Total value of buildings,		\$56,500 00
Total value of land,		13,500 00
		<hr/>
Total value of Real Estate,		\$70,000 00

Farm stock, tools, vehicles, &c.,	8,750 36
Swine and Scavenger Department appurtenances,	7,067 50
Furniture and household effects,	6,737 12
Appurtenances of Truant School,	110 35
Telephone line and appurtenances,	300 00
Total valuation,	<hr/> \$92,965 23

While the appraisal was in progress, a thorough examination in detail was made of the whole establishment, all of which was found to be in excellent condition, and perfectly satisfactory to the Board, and a unanimous vote of thanks was given to both the Superintendent and Matron for their untiring zeal and continued effort to merit the approval of the Board.

The number of persons who have been supported at the almshouse, for a greater or less part of the year, has been one hundred and thirty;—seventy-three males and fifty-seven females. Of these, thirty-two males and nineteen females, or fifty-one persons continue as inmates at the present time.

List of paupers who have been fully supported at the Alms-house in this city during the year 1882:—

Registered Pauper No.	NAMES.	AGE.	BIRTHPLACE.	PERIOD OF SUPPORT.		REMARKS.
				BEGAN.	ENDED.	
3	David Kimball,	49	Worcester,	Jan. 5, '57	Continues.	
4	Allen Cummings,	45	Ware,	April 2, '57	Continues.	
87	Thomas Crowley,	63	Ireland,	July 28, '68	Continues.	
245	John Luby,	55	Ireland,	Feb. 6, '73	Continues.	
271	Wm. Collins,	25	Worcester,	April 5, '73	June 6, '82	Died.
294	Jerry O'Leary,	56	Ireland,	August 1, '73	Continues.	
378	Patrick Coffey,	76	Ireland,	Feb. 4, '74	March 31, '82	Died.
395	James Mackinn,	75	Ireland,	June 29, '75	Continues.	
438	William Mitchell,	78	England,	Jan. 1, '76	Dec. 22, '81	Died.
441	John Sweeney,	35	Ireland,	Feb. 28, '75	March 31, '82	
443	Maria McCarty,	—	Unknown,	Feb. 29, '76	Continues.	
479	John McI ue,	—	Ireland,	Dec. 7, '76	Aug. 15, '82	
508	William Prescott,	34	Worcester,	July 18, '77	Aug. 14, '82	Died.
519	Roxanna Lennon,	51	Ireland,	Sept. 17, '77	Continues.	
533	William Gardner,	75	Conn.	Dec. 11, '77	Continues.	
544	Enoch Stallardt,	55	Germany,	Jan. 19, '78	March 28, '82	
581	Louisa Hood,	—	Unknown,	July 1, '78	Continues.	
590	Frances Murphy,	78	Ireland,	July 8, '78	Sept. 8, '82	Died.
600	John Murphy,	79	Ireland,	Sept. 28, '78	Sept. 9, '82	
604	Peter McGirl,	79	Ireland,	Nov. 25, '78	Continues.	
612	Joseph Lawler,	20	Worcester,	Dec. 21, '78	Continues.	
613	George Gleason,	51	Worcester,	Jan. 8, '79	Continues.	
622	George Armsperger,	43	Germany,	May 25, '79	Continues.	
633	Ellen Coffee,	78	Ireland,	Sept. 8, '79	Continues.	
635	Mary A. Williams,	73	Westford,	Oct. 10, '79	Continues.	
638	Barbara Kohl,	39	Germany,	Oct. 23, '79	Continues.	
640	Edwin Robie,	60	Cambridge,	Nov. 1, '79	Continues.	
650	Bridget Mulghany,	58	Ireland,	Jan. 10, '80	Continues.	
652	Thomas Jakeman,	19	Boston,	Jan. 22, '80	Continues.	
660	Mary Hogan,	72	Ireland,	March 5, '80	Continues.	
663	Lizzie Shea,	36	Ireland,	April 6, '80	Continues.	
667	Thomas McCann,	—	Unknown,	April 22, '80	Continues.	
669	Edwin Salmon,	23	Uxbridge,	May 1, '80	Continues.	
676	Thomas Riley,	40	Ireland,	June 18, '80	Dec. 1, '81	
709	William Jones,	75	Salem,	Dec. 1, '80	Continues.	
710	Morris Quirk,	66	Ireland,	Dec. 8, '80	April 15, '82	
713	Ellen Gallagher,	73	Ireland,	Dec. 31, '80	Continues.	
728	Patrick Noonan,	47	Ireland,	April 1, '81	April 29, '82	
736	Adolph Proulx,	46	Canada,	May 3, '81	March 10, '82	
744	William Cather,	73	Europe,	May 23, '81	Continues.	
745	James Belden,	69	Northfield,	May 28, '81	May 8, '82	
746	Margaret Sullivan,	46	Ireland,	June 2, '81	Dec. 2, '81	
747	Josephine Maple,	35	Worcester,	June 2, '81	Continues.	
750	Thomas Fallon,	67	Ireland,	July 1, '81	Dec. 31, '81	
761	Margaret Reekie,	46	Ireland,	July 6, '81	Jan. 6, '82	
762	Bridget Foley,	68	Ireland,	July 7, '81	March 20, '82	
764	Harry Bonnar,	4	Worcester,	July 18, '81	Feb. 10, '82	
766	Henry S. Walton,	45	Westboro,	July 27, '81	July 27, '82	
769	Michael Linnehan,	1	Worcester,	August 4, '81	March 23, '82	
771	Honora Manion,	19	Ireland,	August 6, '81	Aug. 6, '82	
776	Annie Moran,	22	Worcester,	Sept. 5, '81	March 4, '82	
778	Maggie Welch,	—	Unknown,	Oct. 4, '81	April 4, '82	
779	Eliza Cuddy,	25	Worcester,	Oct. 10, '81	April 10, '82	
780	Ellen Lawrence,	30	Worcester,	Oct. 11, '81	April 11, '82	
784	Ellen Kenny,	26	Ireland,	Oct. 14, '81	April 14, '82	
786	Robert Looney,	61	Ireland,	Oct. 26, '81	Feb. 26, '82	
787	Hannah J. Lanckton,	71	Unknown,	Oct. 28, '81	Dec. 19, '81	
788	Gertie Kenny,	2	Worcester,	Oct. 30, '81	Aug. 19, '82	
790	Martin Whalen,	46	Ireland,	Nov. 14, '81	Dec. 24, '81	Died.

LIST OF PAUPERS.—Continued.

Registered pauper No.	NAMES.	AGE.	BIRTHPLACE.	PERIOD OF SUPPORT.		REMARKS.
				BEGAN.	ENDED.	
791	Michael Hayes,	53	Ireland,	Nov. 15, '81	Jan. 13, '82	
792	Edward J. Blunt,	23	Worcester,	Dec. 17, '81	Jan. 28, '82	
793	Christine Neilson,	24	Sweden,	Dec. 26, '81	Jan. 6, '82	
794	Sadie M. Carlson,	Inf.	Worcester,	Dec. 26, '81	Jan. 6, '82	
795	Henry P. Dodge,	70	R. I.	Dec. 29, '81	Continues.	
796	Nancy Bell,	1	Worcester,	Dec. 31, '81	Feb. 3, '82	
797	George Ashworth,	61	England,	Dec. 31, '81	April 1, '82	
798	Elizabeth Ashworth,	56	England,	Dec. 31, '81	April 1, '82	
799	James Krulan,	46	Ireland,	Jan. 6, '82	March 28, '82	
800	Catherine O'Maley.	—	Ireland.	Jan. 7, '82	Feb. 18, '82	Died.
801	Peter Mayo, jr.,	28	Canada,	Jan. 7, '82	March 16, '82	
802	Susan A. Cowden,	18	New York,	Jan. 9, '82	Jan. 16, '82	
803	Mary A. Cowden,	16	New York,	Jan. 9, '82	Jan. 16, '82	
804	Catherine Battles,	54	Ireland,	Jan. 12, '82	Continues.	
805	Edith C. Pierce,	26	Unknown,	Jan. 15, '82	Jan. 19, '82	
806	Michael Goulding,	26	Worcester,	Jan. 18, '82	Jan. 19, '82	
807	Henry C. Bainbridge,	50	England,	Jan. 18, '82	May 26, '82	Died.
808	Margaret F. Vaile,	27	N. O.	Jan. 20, '82	March 1, '82	
809	William Vaile,	6	Worcester,	Jan. 20, '82	March 1, '82	
810	Ann Quinn,	—	Ireland,	Jan. 20, '82	Feb. 4, '82	
811	Abbie L. Coggsball,	50	Maine,	Jan. 23, '82	Continues.	
812	Alice L. Cook,	33	Vermont,	Jan. 26, '82	April 8, '82	
813	Hans Johnson,	32	Norway,	Feb. 8, '82	Feb. 10, '82	
814	Catherine Luby,	—	Worcester,	Feb. 15, '82	Feb. 24, '82	
815	F. B. Moore,	76	Bolton,	March 1, '82	March 10, '82	
816	Casemir Henreich,	38	Germany,	March 2, '82	Continues.	
817	Frank H. Mason,	23	Worcester,	March 2, '82	Continues.	
818	Thomas B. Smith,	57	Oxford,	March 31, '82	Continues.	
819	Elizabeth Barrett,	40	Albany,	March 22, '82	March 23, '82	Died.
820	William W. Phillips,	48	Duxbury,	March 28, '82	March 30, '82	
821	Margaret Dee,	35	Sheffield,	March 29, '82	Continues.	
822	James Krulan,	45	Ireland,	April 24, '82	April 25, '82	
823	Emma Brown,	18	Springfield,	April 24, '82	May 8, '82	
4	Johanna Donahoe,	—	Unknown,	April 24, '82	May 17, '82	
825	Elizabeth Ready,	13	Worcester,	May 8, '82	June 12, '82	
826	Michael Ready,	10	Worcester,	May 8, '82	June 12, '82	
827	Walter Ready,	7	Worcester,	May 8, '82	June 12, '82	
828	Margaret Sullivan,	—	Ireland,	May 8, '82	Continues.	
829	Frank Irwin,	7	Worcester,	May 11, '82	June 10, '82	
830	James Irwin,	6	Worcester,	May 11, '82	June 10, '82	
831	Mary O'Neil,	44	Worcester,	May 17, '82	June 6, '82	
832	Herbert Defose,	12	Worcester,	May 17, '82	June 1, '82	
833	James O'Brien,	35	Ireland,	May 18, '82	Continues.	
834	John L. Clinton,	47	Canada,	May 19, '82	July 26, '82	
835	Mary Goodnow,	—	Canada,	June 1, '82	Continues.	
836	James Belden,	68	Northfield,	June 23, '82	Continues.	
837	James Reekie,	12	Worcester,	July 2, '82	Continues.	
838	Patrick Noonan,	46	Ireland,	July 5, '82	Continues.	
839	Annie McNiff,	22	Ireland,	July 15, '82	July 29, '82	
841	John O'Brien,	74	Ireland,	July 24, '82	July 26, '82	
842	James Hoy,	79	Ireland,	July 27, '82	Oct. 13, '82	
843	James Smith,	50	Ireland,	Aug. 10, '82	Continues.	
844	William Bottomly,	65	England,	Aug. 17, '82	Sept. 5, '82	Died.
845	Johanna McKenna,	45	Ireland,	Aug. 17, '82	Continues.	
846	Frank Kelly, jr.,	24	Ireland,	Sept. 6, '82	Nov. 1, '82	
847	Frank Kelly, sr.,	54	Ireland,	Sept. 9, '82	Continues.	
848	Bridget Conelly,	35	Ireland,	Sept. 19, '82	Oct. 27, '82	
849	James H. Higgs,	12	England,	Sept. 20, '82	Sept. 28, '82	
850	Eliza H. Higgs,	9	England,	Sept. 20, '82	Sept. 28, '82	
851	Charles Higgs,	7	Michigan.	Sept. 20, '82	Sept. 28, '82	
852	Mary A. Thayer,	30	New York,	Oct. 21, '82	Oct. 27, '82	

LIST OF PAUPERS.—Continued.

Registered Pauper No.	NAMES.	AGE.	BIRTHPLACE.	PERIOD OF SUPPORT.		REMARKS.
				BEGAN.	ENDED.	
853	Joseph S. Thayer,	2	Worcester,	Oct. 21, '82	Oct. 27, '82	
854	Agnes Thayer,	7 m.	Worcester,	Oct. 21, '82	Oct. 27, '82	
855	John R. Jones,	10	Unknown,	Nov. 1, '82	Nov. 7, '82	
856	Mary Pendergast,	74	Ireland,	Nov. 8, '82	Nov. 17, '82	
857	Philomena Germaine,	44	Canada,	Nov. 9, '82	Nov. 27, '82	
858	Phillip Kelly,	70	Ireland,	Nov. 16, '82	Continues.	
859	John Healy,	40	Ireland,	Nov. 18, '82	Continues.	
860	Willie Fitzgerald,	4	Worcester,	Nov. 18, '82	Continues.	
861	Margaret Collins,	41	Ireland,	Nov. 20, '82	Continues.	
862	Maggie O'Brien,	22	Ireland,	Nov. 25, '82	Continues.	
863	James Hayden,	1 w.	Worcester,	Nov. 25, '82	Continues.	
864	Morris Quirk,	67	Ireland,	Nov. 25, '82	Continues.	
865	Margaret Curran,	80	Ireland,	Nov. 27, '82	Continues.	

CITY ALMSHOUSE DEPARTMENT.

Monthly Accounts.	Number of Inmates.	Amount of Expenditures.	Amount of Receipts.	Net Cost.
December, 1881	64	\$ 954 04	\$436 18	\$ 517 86
January, 1882	70	1,367 85	384 97	982 88
February	64	1,922 87	382 87	1,540 00
March	69	1,637 90	497 73	1,140 17
April	51	1,177 45	440 59	736 86
May	55	1,044 61	399 26	645 35
June	51	1,030 18	590 89	439 29
July	52	1,006 95	401 53	605 42
August	49	1,422 54	365 70	1,056 84
September	50	1,108 98	348 45	760 53
October	43	1,426 11	368 81	1,057 30
November	53	1,927 60	532 37	1,395 23
		\$16,027 08	\$5,149 35	\$10,877 73

Appropriated by City Council,

\$12,600 00

Receipts,

5,149 35

Total,

\$17,749 35

Expenditures,

16,027 08

Unexpended balance Nov. 30, 1882,

\$1,722 27

* CITY SCAVENGER DEPARTMENT.

Although on account of the enlargement of the buildings, providing for water and sewage, adding a new steam boiler and tanks and other appurtenances for doing the business on a large scale, the accounts of this Department show the outlay to be

more than the income for the past year, we still pronounce it a success; as what has been done this year is a permanent outlay and will not have to be repeated, and, as our facilities for doing the business are better than heretofore and as by the new location of the establishment at a greater distance from other farm buildings, there is less risk from fire, and the sanitary condition of all having been much improved, we shall expect in future still better results.

CITY SCAVENGER DEPARTMENT.

Monthly Accounts.	Amount of Expenditures.	Amount of Receipts.	Net Cost.	Receipts above Expenditures.
December, 1881	\$2,536 49	\$ 101 70	\$2,434 79	\$463 75
January, 1882	1,075 32	55 00	1,020 32	
February	591 66	67 59	524 07	
March	931 71	1,385 46		
April	425 49	74 55	350 94	
May	546 65	83 78	462 87	
June	773 82	88 10	685 72	
July	689 51	62 00	627 51	
August	2,257 74	2,233 50	24 24	
September	1,046 86	56 00	990 86	
October	883 50	40 00	843 50	
November	1,118 25	1,218 60		100 35
	\$12,867 00	\$5,466 28	\$7,964 82	\$564 10

Unexpended balance Nov. 30th, 1881,	\$1,393 50
Appropriation by City Council,	3,000 00
Additional appropriation by City Council,	3,300 00
Receipts from Department,	5,466 28

Total,	\$13,159 78
Total Expenditure,	12,867 00

Unexpended balance Nov. 30th, 1882,	\$292 78
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TRUANT SCHOOL DEPARTMENT.

The Truant School which during 1881 had dwindled to such an extent as to induce the State Board to believe it must by this time have become extinct, has during the past year entirely recovered its former proportions. Whether this has been occasioned by there being more truancy, or by the exercise of greater vigilance on the part of the officers, we are unable to

say, but the fact remains that it still has a vigorous life which has made itself both seen and felt, and it makes fair promise of being able for some time longer to survive.

Its location and quarters remain the same as heretofore, and the annexed table will show its numbers and cost. A full report of other details will be found in the report of the Superintendent of Schools, and the Sub-Committee of this Board who have the same in their particular charge.

TRUANT SCHOOL DEPARTMENT.

Monthly Accounts.	No. of Pupils.	Cost of Teaching.	Cost of Board.	Cost of Clothing.	Total Cost.
December. 1881,	8	\$21 00	\$ 98 17	\$15 50	\$134 67
January, 1882 .	8	25 00	109 81	11 00	145 81
February . . .	12	25 00	139 83	5 00	169 83
March	12	25 00	167 48	40 20	232 68
April	12	25 00	158 79		183 79
May	11	25 00	146 54	17 00	188 54
June	9	30 75	120 08		150 83
July	9	25 00	116 13	15 25	156 38
August	8	27 40	113 36	20 53	161 29
September . . .	8	25 00	106 65	17 65	149 30
October	9	25 00	117 32	35 25	177 57
November . . .	13	25 00	168 27	9 25	202 52
		\$304 15	\$1,562 43	\$186 63	\$2,053 21

Cost of teaching, \$304 15

Cost of board, 1,562 43

Cost of clothing, 186 63

Total cost, \$2,053 21

•Appropriation, 2,100 00

Expenditure, 2,053 21

Unexpended balance, \$46 79

Average cost per pupil, \$205 32

The City Physician will, as usual, report on the sanitary condition of the department.

The prompt action taken by him in the treatment of the single case of small-pox which we have been called upon to

provide for during the year, cannot be too highly commended; and his usual efficiency in the ordinary calls made upon him from the City Relief Department have as heretofore, received prompt attention and considerate care. He has our thanks for the uniform courtesy extended to us in all our official relations.

All of which is respectfully submitted,

GEORGE W. GALE, *Clerk.*

E. B. STODDARD, *Mayor.*

JAS. M. DRENNAN, *City Marshal.*

ALBERT P. MARBLE, *Supt. of Schools.*

GEORGE W. GALE, *Clerk and Almoner.*

CHARLES F. RUGG,

CHARLES BELCHER,

ALZIRUS BROWN,

JAMES B. McMAHON,

CHARLES B. PRATT,

Overseers of the Poor of City of Worcester.

NOVEMBER 30th, 1882.

REPORT

OF THE

COMMITTEE ON THE TRUANT SCHOOL.

To the Honorable City Council of the City of Worcester:

The undersigned submit the following report for the year ending Nov. 30, 1882.

This school was established in the year 1863 as a means of preventing truancy; it has continued uninterruptedly ever since with this sole purpose. It is this singleness of purpose which has made the school more successful than many similar schools. Other schools of the kind have received pupils on a sentence for other misdemeanors than truancy; they have thus become to some extent Reform schools. This school has the better accomplished its original design by confining itself to the cure of truancy.

Of the two hundred and fifty pupils who, in the last twenty years, have been inmates of the school, many have become studious pupils and later, steady and industrious citizens; and where the result has not been thus satisfactory, the causes have been beyond the control of any school, in unsuitable homes, bad companions, and the absence of parental care.

For the past six months the disturbances at the city farm, now happily adjusted, worked harm to the school. The boys became uneasy; they abused the liberty given them and in several instances ran away; they heard the groundless criticisms which were rife and expected to be supported in their defiance

of authority. Two were sent to other institutions for running away from this; and two received additional sentences. The necessary abridgment of privileges and the return of the fugitives, together with the rewards for well doing which are held out, have put an end to this evil, we hope.

The influence of this school upon pupils inclined to truancy has been referred to in former reports. It is salutary. For one truant who goes to the length of receiving sentence to this place, a dozen or twenty are restrained at some early stage of their career, and kept in school. The need of such an institution in all cities and large towns is evinced by the frequent requests from other towns for permission to send their truants here—a request which has been steadily refused because the accommodations are barely sufficient for the city, and for the further reason that each city or large town can best take care of its truants by themselves. It is not wise to mix and thus propagate the evils that go with truancy.

The sum needed for this school the ensuing year will in our judgment be \$2,500.

The following statistics exhibit the history of the school so far as figures can :—

Number sentenced since the forming of the school in 1863,	247
Number sentenced during the year,	20
Total,	267
Number at the beginning of the year,	5
Number sentenced during the year,	20
Total during the year,	25
Number discharged by expiration of sentence,	6
Number discharged by pardon,	4
Number eloped and not returned,	3
Total number who have left,*	13
Number remaining Dec. 1, 1882,	12
Greatest number belonging at any one time,	13
Smallest number belonging at any one time,	8
Average number belonging,	10
Average age on admission, 12 years.	

* Sent to Reform School, 1; sent to State Primary School, 1; left the State, 1.

Cost of Board, teacher and pupils,	\$1,562 43
Cost of teaching,	304 15
Cost of clothing,	186 63
<hr/>	
Total expenditure,	\$2,053 21
Average cost per pupil,	\$205 32

Respectfully submitted.

A. P. MARBLE,	}	<i>Committee on the Truant School.</i>
<i>Supt. Schools.</i>		
JAS. M. DRENNAN.		
<i>City Marshal.</i>		
CHAS. F. RUGG,	}	
<i>Ch. Com. on the City Farm.</i>		

WORCESTER, Dec. 26, 1882.

REPORT OF THE CITY PHYSICIAN.

To His Honor the Mayor,

And Gentlemen of the City Council:

On the 29th day of May, a case of small-pox broke out in the wards of the City Hospital. The Superintendent at once notified the Consulting Board, and within two hours after their decision was sent to me, the case was very comfortably located at the City Farm Hospital, with a competent nurse to take care of it. This prompt action, I have little doubt, saved the city from an epidemic of this most dreaded and loathsome disease, for the place in which it appeared was peculiarly fitted for its spread, being in the wards of a crowded hospital, and surrounded on all sides by patients whose infirmities had impaired their vitality, and rendered them an easy prey to the influence of a virulent and contagious disease. By good fortune, as well as by prompt action, no case followed this, and I report it as the only one which has appeared likely to cause any alarm or uneasiness within the year.

Since the last report, I have made, under the direction of the Clerk of the Board of Overseers of the Poor, four hundred and forty-four visits, to the poor of the city at their homes, and have given office advice to one hundred and sixty-four. I have made thirty-seven visits to the Police office, and twenty-five to the City Farm. Fifteen individuals, upon examination, have been considered insane and committed to the State Lunatic Hospital, and two have been sent to their friends.

On Monday of each week, except in time of vacations, office hours have been kept for the vaccination of school children. It has been the custom to vaccinate all that apply. This custom I have maintained, using in all cases the best virus that could be obtained. Three hundred and ninety-six children have been the recipients of this most enlightened charity. A very large num-

ber also have been examined and certificates of vaccination issued.

The wards of the city, at the Farm, have passed a year of comfort and singular immunity from disease. Ten have died, most of them from protracted and incurable disease, viz : —

1882.	Feb.	18.	Catherine O'Maley, Chronic Dementia.
	Feb.	26.	Robert Looney, 61, Paralysis.
	March	23.	Elizabeth Barrett, 40, Cancer.
	March	31.	Patrick Coffee, 76, Consumption.
	May	26.	Henry H. Bainbridge, 50, Brain Disease.
	June	6.	William Collins, 25, Epilepsy.
	Aug.	14.	William Prescott, 34, Dysentery.
	Sept.	5.	William Bottomly, 65, Paralysis.
	Sept.	8.	Frances Murphy, 78, Brain Disease.
	Dec.	22.	William Mitchell, 78, Consumption.

Eighteen of the sick poor have died under my care in the city, viz : —

1882.	Jan.	6.	Joseph R. Lovely, 6, Scarlet Fever.
	Jan.	24.	Edward Blanchfield, 58, Paralysis.
	Jan.	31.	Michael Burns, 28, Consumption.
	Feb.	27.	John S. Stoddard, 40, Poison.
	March	12.	William Carr, 48, Consumption.
	April	5.	Lottie Bennett, 39, Consumption.
	May	2.	Ann Glynn, 34, Cancer.
	May	20.	Luther Willard, 61, Bright's Disease.
	May	22.	Jeremiah O'Connor, 39, Consumption.
	Aug.	6.	Ambrose Truedell, 95, Dysentery.
	Sept.	21.	Owen McKeon, 57, Dysentery.
	Oct.	9.	Ann Nevins, 34, Consumption.
	Oct.	10.	Thomas McDermott, 46, Consumption.
	Oct.	26.	Bridget Donovan, 43, Consumption.
	Nov.	1.	Margaret Jordan, 31, Consumption.
	Nov.	29.	Kate O'Toole, 24, Consumption.
	Dec.	14.	Mary Malone, 26, Consumption.
	Dec.	23.	John Cullen, 41, Consumption.

I have been greatly assisted in my duties by the Clerk of the Board of Overseers of the Poor, by the Superintendent and Matron at the City Farm, and by the Police Force, on all occasions. I return thanks to them all, for their kindness and uniform courtesy to me.

Respectfully submitted,

RUFUS WOODWARD,

City Physician.

ANNUAL REPORT

OF THE

CHIEF ENGINEER

OF THE FIRE DEPARTMENT.

CHIEF ENGINEER'S OFFICE,
WORCESTER, *January 1st, 1883.*

To his Honor the Mayor and the Honorable City Council :

GENTLEMEN :—The Board of Engineers have the honor of presenting for your consideration their Tenth Annual Report, giving the condition of the Department for the year ending January 1st, 1883, and reviewing its workings during the year ; as Chief of the Department, it is a part of my duty to present in this connection such suggestions and recommendations as seem to me and to the Board calculated to improve and increase the efficiency of the Department.

MANUAL FORCE AND DISCIPLINE.

The manual force consists of a Chief Engineer and four Assistants, 45 members of Steamer Companies, including drivers ; 31 members of Hook and Ladder Companies, including drivers ; 53 members of Hose Companies, including drivers, and 4 members of the Chemical Engine Company, including driver ; a total of 133. There are also volunteer Hose Companies at Quinsigamond Village and Coes Square ; there is also to be one hose carriage stationed at North Worcester ; which will answer calls from their immediate radius, and are of value to property owners in their respective vicinities, a fact which is duly appreciated.

Of the work of the Department during the year I desire to speak in terms of commendation ; every call made for aid has been promptly answered, and the members as in the past have interest in their work. Threatening fires have been numerous, but the record of serious fire losses is not extensive, and it will be the effort in the future to advance, if possible, the Department's standard of efficiency ; it is our duty not to allow it to recede. The Department is now in good condition, and the policy of the past will be the policy of the future. Changes will be made only when necessary, and when necessity calls for a change an endeavor will be made to make such a change as will result satisfactorily. In this connection it seems proper to speak of the permanent men and their relations to other departments of the city. It seems unreasonable to expect that a man in the Fire Department who is on duty 24 hours a day for 365 days in the year, should shovel gravel the same as other men employed on the Highway Department, in which alone under present conditions it appears they can be employed to advantage. It is necessary for the production of the best results that all departments work together harmoniously, but there cannot be harmony unless there are concessions made by all interested. It seems to me unjust to require as much work from one of the permanent members of the Fire Department on the highways as from one of the regular highway employés whose work is done at the end of ten hours, and who is not subject to a call until a stated time the day following. I believe some arrangement can be made between the Fire and Highway Departments which will be mutually beneficial. The interests of both departments and the interests of the city seems to call for such an arrangement, and the Board of Engineers are willing and anxious to make and support such an arrangement.

It also seems to me appropriate in this connection to again call attention to the care and management of Electric Lights and the wires necessary for the running of such lights. The experience of other cities teaches us that there is danger from this source, and we ought to take warning from the lessons elsewhere taught, without waiting for actual experience. That prevention is

easier and better than cure is as true to-day as ever, and while opportunity offers for prevention it seems unwise to wait until cure becomes necessary. Electric lights and wires are dangerous to life and property in a greater degree than are gunpowder and naphtha, and while their use seems to be demanded by the wants of business, care should be taken to reduce the danger arising from such use to the minimum. Unless they can be properly stretched under and in such places as to in no way interfere with other wires which are of much more importance and comparatively free from danger; the only alternative seems to be to require them to be run under ground.

FIRE ALARMS AND INSURANCE.

The record of fires and alarms for the year, is 47 bell alarms, 78 still alarms and 10 telephone alarms, a total of 135; and the property damaged was insured for \$287,825.97, the insurance exceeding the loss by \$163,037.62. The thorough investigation of the causes of fires has a tendency to diminish their number; by warning people of their danger and increasing the risks taken by incendiaries. The reasons why these investigations should be continued suggest themselves to all, and this work has grown to be one of the many important duties properly belonging to the Fire Department.

With the growth of the city, and the constantly increasing manufacturing interests, the dangers from fire have been largely augmented, and the number of fires and alarms will increase from year to year. Well equipped Fire Departments are not only necessary to a successful insurance business, but are its salvation; without them the losses by fire would be so enormous that insurance companies could not afford to take the risks at any rates that would be offered. Withdraw the Fire Departments from our cities for two weeks and the cities would be in ashes, and not an insurance company left to tell the story of the disaster. So it is in every city and village in the land; the Fire Departments prevent conflagrations that would be the ruin of the insurance companies.

I desire to call attention to a custom which has grown to be an unmitigated evil, and one with which the Department has to

contend: Upon the striking of a fire alarm during the day or in the early evening, the streets in the immediate vicinity of the scene of a fire are almost instantly crowded, so that it frequently becomes impossible to move the fire apparatus with that degree of speed which the exigencies of a threatening disaster often require, without endangering the lives and limbs of spectators who block the way. Nine out of ten of these spectators have no other object in attending a fire than to gratify their curiosity. Instead of being of service to the Department, their presence is a positive detriment and adds to the dangers of the fire, besides, they distract the attention of the firemen by the noise and confusion they create, and obstruct the passage of persons carrying movable property to places of safety; among them are many well meaning people, who indulge in this practice without giving a thought to the damage which may ensue. To such as these I would respectfully suggest that, they not only discontinue the practice themselves, but that they discountenance it in others. With a well organized Fire Department, aided by a reliable Police force, the presence of vast crowds of idle spectators can very properly be dispensed with, but if they must come, they will oblige the fire service by keeping at a greater distance from the vicinity of fires than has been their custom hitherto. A prudent regard for personal safety, the fear of being run over or struck by the moving apparatus, the danger from falling walls, would seem to dictate this course, but it does not prove to be a sufficient restraint upon many, and the Police have frequently a very difficult task to perform in keeping the crowds back.

In this connection it will be well to call the attention of owners and drivers of vehicles to the too common practice of driving over lines of hose. This is often done where there is not the slightest necessity for it, and in a spirit of reckless disregard of the damage which may be caused. A large item in the expenses of the Department is directly attributable to this practice; it usually happens upon the outskirts of fires, and is therefore frequently unobserved by either firemen or police; broken couplings and cut hose are almost invariably the results.

HOSE OF THE DEPARTMENT.

Without strong reliable Hose any department works at a great disadvantage ; as in other work, so it is in fighting fire ; if the hose is not reliable, a fire may not readily be checked, and although not at fault, the firemen are liable to censure for allowing the fire to gain so much headway. Good tools are necessary if good work is expected. The plan of renewing a portion of the hose each year has given good satisfaction and should be followed in the future. During the year 600 feet of the American Jacket Hose has been purchased and 1500 feet of Linen to be used as a reserve, and in the year to come it is recommended that 2000 feet of good reliable hose be purchased to keep the supply up to its proper standard.

APPARATUS.

During the past year a new wagon has been built ; this was in a certain sense an experiment ; the result is satisfactory.

The carriage of Hose No. 1 has been changed from a hand to a horse carriage, and during the ensuing year it is recommended that a new and lighter hose wagon be secured to replace one of the heavy carriages now in use. The heavy carriage should be kept as a relief, and such a provision seems to be called for to guard against accidents which are liable to occur at any time and cause serious trouble.

Hose No. 4, located on Exchange street, should be provided with better quarters and the carriage changed to a horse carriage. Their present quarters and apparatus are not such as to commend themselves for comfort or efficiency, and the changes should be made as soon as possible. The addition of two Bangor ladders during the year has greatly increased the efficiency of this branch of the Department in which they have been placed. At present the apparatus of the Department consists of 4 Steamers, 8 horse Hose carriages, 3 hand Hose carriages, 9 small Chemical Engines, 1 large Chemical Engine, besides 2 small Chemical Engines carried by the Protective Department, and 2 Hook and Ladder trucks in service and 1 in reserve. To keep the appa-

ratus in as good condition as it is at present all unnecessary delay in making repairs should be avoided. It is poor policy to wait till things are worn out before renewing them, it is neither economical in a pecuniary sense or advisable where efficient service is demanded.

THE PROTECTIVE DEPARTMENT.

The city has purchased 18 Rubber Covers or Blankets for use on Hose No. 1 wagon and the wagon of the Fire Patrol, for the better protection of uninsured as well as insured property; the investment has been a good one as all the blankets have been spread at fires since their purchase. What has been said of the value of the Fire Patrol in the past is true to-day, and the worth of this branch of the service increases with the growth of the city. On insured property they have spread 141 covers, and on uninsured property 62 covers. In addition to covering goods they have made valuable use of 8 roof covers and furnished additional evidence of their value by extinguishing 14 small fires. Harmony continues to exist between the Protective Department and the Fire Department, and there is no reason why it should not continue as each is benefited by coöperating with the other, their separation would be detrimental to the city's best interests.

HORSES.

Six horses have been purchased during the year, one has been exchanged, one has been sold having become unfit for fire service, and one has been disabled and killed. There are now 22 horses attached to the Department, there are 5 pairs of double harness and 12 pairs of single harnesses, all in good condition; what will apply to other branches of the service will apply to this,—it must be kept in good order or the whole suffers. The strength of the Department is shown by its weakest point; and to have one part weaker than the other seems the poorest kind of economy and a condition of things which must be avoided. During the ensuing year two new horses at least should be purchased, one for the Beacon street house and one at Webster Square.

FIRE ALARM SERVICE.

Two Annunciators have been purchased for the Prescott street house and one Alarm Bell and Striker have been hung on the Pleasant Street Engine House. Three or four Alarm Stations should be added to this branch of the service, and to facilitate giving alarms it is recommended that the keys of the Fire Alarm Boxes be kept in boxes provided for the purpose in connection with the Fire Alarm Boxes, with full instructions for the giving of alarms, where they can be readily seen and understood. This I believe will insure a much better service by aiding in the prompt giving of Alarms which is one of the most important things to be done in case of fire. It is my belief that not one in three hundred of the citizens knows where to find the key to the nearest Fire Alarm Box when there is a fire on their premises.

In this connection I would also recommend that rules be established or existing rules so amended that the Board of Engineers shall control the Fire Alarm. It is a branch of the Fire Department service and it is essential that all branches be combined and under one directing force, and that force be held responsible for its workings by the City Council. Under the present arrangement this branch of the service is controlled by the Electrician, an arrangement which does not commend itself to my approval, and I am free to say that no one man should have control of this or any other branch of the service. It is my belief that the Electrician should be responsible to and work under the direction of the Board of Engineers instead of being responsible to no one, and in so working that the Fire Alarm service would give quite as good satisfaction as at present.

CHEMICAL ENGINES.

Each year furnishes additional proof of the value of Chemical Engines and many cases could be cited if further evidence were necessary on this point; they fill a place which cannot be filled by any piece of apparatus using water, and have everywhere come to be recognized as of great value. Their continuation in service is demanded.

HOUSES.

The Prescott Street house has been completed and is now occupied by Steamer No. 3 and Hook and Ladder Truck No. 2. The arrangement of which has proved highly satisfactory. A new house is now building on Lamartine Street for Hose No. 7, when this is completed the present house will be turned over to the Police Department, a change which will be beneficial and result in a saving of running expenses. Only such repairs as have been necessary have been made in the other houses. In the near future a new house should be provided for Hose No. 4. Calls for a house in the vicinity of Cambridge and Millbury Streets, the growth of this section, if it continues, and the present indications are that it will continue, will demand their serious consideration. The growth of Quinsigamond Village, and the continuous increase of people there, will also call for some better fire protection, and the construction of a house for the hose carriage there. The house at Webster Square should be so altered as to allow the keeping of a horse; the expense of the latter will be saved in the better care of the apparatus. Repairs should be made at the houses without unnecessary delay. While considering the expediency of altering the house at Webster Square, I believe it would be good policy to consider the erection of a new house near the top of the hill on Main Street. The location is an excellent one for the apparatus necessary for covering this section of the city, and a house there should be large enough to accommodate a steamer and hose carriage and a hook and ladder truck. The steamer and hose carriage are already in service. The light truck now on Prescott Street could be transferred to the new house, the truck at Headquarters to Prescott Street, and a new truck for carrying longer and heavier ladders for use among the high buildings provided for the Bigelow Court house. The change would afford better protection to property at Webster Square, and cover that uncovered section between the Beacon Street house and New Worcester. The hook and ladder truck could also cover sections of the West side to advantage; also it could cover Cambridge Street to a great advantage.

LADDERS AND FIRE ESCAPES.

I desire to again emphasize the importance of increasing the supply of long ladders, and the taking of the necessary steps to compel the construction of fire escapes, if there is any way of compelling building owners to provide such means of safety. Every building not provided with two exits should have a fire escape, so located that in case the stairs are inaccessible the fire escape can be used, and it will be for the interest of all property holders to provide their buildings with one or more. Warnings continue to come to us from other cities, and if we wait until a disaster overtakes us before acting, we shall deservedly meet the censure which is sure to follow. My suggestions in relation to a new house at Webster Square, if acted upon, will remedy the defect in ladders which has been partially remedied by the purchase of two of the Bangor pattern the past year; but we are still without the means of reaching the upper stories of our principal buildings.

WATER AND HYDRANTS.

The extension of the water pipes has been an advantage to this Department, for wherever they are laid new hydrants have been put in. The North end of the city has been provided with hydrants where water was not available before by the works of the Water Department there. And the extension of the high service in Front and Main Streets has greatly increased the water facilities on both, although high service hydrants are not intended for use unless there are serious fires. The painting of the low service hydrants red and the high service hydrants black is an advantage to the firemen. The Water and Fire Departments continue in harmony, and Water Commissioner F. E. Hall has ever shown a desire to assist us in our work.

EXPENDITURES.

The appropriation for the year was \$52,109.15, and the revenue \$969.09, a total of \$53,078.24. The expenditures have been \$52,930.34, leaving a balance of \$147.90. A liberal

policy in the management of the Fire Department I believe to be the true one, as it is always better to be prepared for an emergency than to follow a serious fire by extensive preparations to prevent another. While the Board believe it to be their duty to administer the trust reposed in them economically, they are of the opinion that efficiency is the first consideration. They believe that in this view they will be upheld by your honorable body, and that you as well as the great mass of our fellow-citizens will approve their course in keeping the Department fully up to the high standard which it has hitherto maintained. This view we think is one of true economy. A non-efficient fire department would be costly at any price. We have aimed to give the citizens of Worcester one of the best Fire Departments, and if the testimony of the citizens of all shades of political opinion is to have any weight, we think we have in a measure succeeded in so doing.

FIRE RELIEF ASSOCIATION.

I wish to again speak of the value of this organization, its object ought to commend it to public favor and its workings are its best recommendations. Its object is to help firemen over the rough places when incapacitated from their usual work by injuries received, or sickness resulting from exposure while on duty. One of the many evidences of its value is furnished in the case of Gilbert N. Rawson, Second Assistant Engineer, injured at the fire in Chapin's foundry, Feb. 8th, 1881, and not having fully recovered he resigned his position Sept. 1st, 1882. Mr. Rawson's connection with the Fire Department covers a period of 18 or 20 years. Naturally a modest man, he did that which fell to his lot to do, quietly but always efficiently; always prompt in answering calls to duty, he was ever ready to undertake any service which might be assigned him, his purpose always being to do that which he had to do to the best of his ability. His experience and good judgment made him a valuable officer and his genial disposition and sterling worth as a man won for him a high place in the estimation of all his associates.

During the year the payments from the Association's treasury amounted to \$404.05. Cash on hand January 1st, 1883, \$3,511.42. Donations have been made during the past year to the treasury of the Association by Loring and Blake Organ Co. \$100.00, Gen. William S. Lincoln \$20.00, and Mr. L. C. Trumbull \$25.00, and for which the Association tender their thanks.

CONCLUSION.

Looking back over the work for the year I can freely say that it has been satisfactory and that the reputation of the Department has been maintained. To all who have in any way aided the Department in its work, and none who have been called upon in any way to give us assistance have refused their coöperation, I desire to return my thanks and to ask the same kind consideration of our wants in the future, fully confident that, as in the past, you will willingly aid us in the protection of the property of all citizens.

S. E. COMBS,

Chief of Department.

FINANCIAL STATEMENT.

Balance brought forward,	\$2,109 15	
Appropriation,	50,000 00	
		<hr/>
		\$52,109 15

RECEIVED.

For Labor of men and teams,	\$263 50	
Feed racks and boxes,	11 00	
Manure,	151 07	
Material sold,	89 41	
Old copper and junk sold,	184 36	
Old hose sold,	132 75	
Horse sold,	125 00	
Use of roof of engine house,	12 00	
		<hr/>
		\$969 09
		<hr/>
		\$53,078 24

EXPENDED.

For Salary of S. E. Combs, Chief Engineer,	\$1,200 00
“ “ Wm. Brophy, Asst. Engineer,	1,000 00
“ “ S. H. Day, “ “ (bal.)	29 16
“ “ E. L. Vaughn, “ “	229 17
“ “ G. N. Rawson, “ “ (bal.)	187 47
“ “ C. M. Mills, “ “	41 66
“ “ G. S. Coleman, “ “	229 17
“ “ Jer. Hennessy, “ “ (bal.)	20 83
“ “ Wm. Brophy, Clerk,	137 50
Pay roll of men, Stewards and Drivers,	10,073 58
“ “ Steamer No. 1,	1,719 42
“ “ “ “ 2,	1,720 74
“ “ “ “ 3,	1,739 89
“ “ “ “ 4,	1,247 67
“ “ Hose Co. “ 1,	1,265 00
“ “ “ “ 2,	1,236 00
“ “ “ “ 3,	16 00
“ “ “ “ 4,	1,280 00
“ “ “ “ 5,	1,283 33
“ “ “ “ 6,	1,207 12
“ “ “ “ 7,	1,211 38
“ “ Hook and Ladder Co. No. 1,	2,557 00
“ “ “ “ “ 2,	1,772 00

For Pay roll of men, Babcock Extinguisher,	448 00
Horses,	1,795 00
New apparatus,	295 25
Repairs of apparatus,	498 38
Repairs of Houses,	1,061 32
Alarms for fire,	91 00
Horses for drawing apparatus,	492 50
Material of telegraph,	362 89
Hose and repairs of same,	1,809 05
Wagons and carts,	398 25
Hay, grain and straw,	2,911 20
Medicine and attendance for horses,	95 90
Oil, soap, brushes, &c.,	221 78
Fuel,	882 26
Gas,	469 60
Protective covers,	432 00
Printing,	101 20
Blacksmithing,	507 59
Freight, trucking and express,	42 96
Furniture, bedding, fixtures and repairs on same,	635 13
Stationery, stamps, &c.,	55 41
Hardware and tools,	232 14
Paints and oils,	29 16
Hack hire,	50 00
Rent of telephone,	125 83
Washing bedding, &c.,	271 07
Ice,	7 30
Vitriol and zinc,	525 27
Harnesses, blankets and repairs of same,	669 82
Car fares,	55
Clipping horses and filing teeth,	10 00
Rent for power,	56 50
Travelling expenses of engineers,	79 40
Copying report,	15 00
Iron and steel,	15 73
Telegraph poles and bells,	225 87
Telegraph wire,	85 10
Fire alarm indicators,	125 00
Alarm bell and striker,	791 03
Fire Extinguisher,	40 75
Measuring manure,	1 45
Buttons and badges,	60 75

\$48,553 48

For Prescott Street Engine House :

Insurance,	\$10 00	
Curbstone and setting,	146 06	
Grading,	86 74	
Sewer pipe, labor, &c.,	92 31	
Pipe and fittings,	21 83	
Extra work,	441 05	
Contract balance for J. Murphy,	2,046 15	
Heating apparatus,	1,127 81	
Painting,	63 00	
Mason work, extra,	36 24	
Plumbing,	85 74	
Stove pipe and labor,	18 35	
Mantel-piece and hearth,	30 00	
Concrete walk,	156 17	
	<hr/>	
		\$4,361 45

For Lamartine Street House :

Engineering,	\$11 91	
Advertising,	3 50	
	<hr/>	
		\$15 41

		<hr/>	\$52,930 34
Balance unexpended transferred to Sinking Fund,			\$147 90

ENGINEERS AND COMPANIES ATTENDING AT FIRES AND ALARMS DURING THE YEAR 1882.	Jan.			Feb.			March.			April.			May.			June.			July.			Aug.			Sept.			Oct.			Nov.			Dec.			TOTAL.						
	Box.	Still.	Telephone.	Box.	Still.	Telephone.	Box.	Still.	Telephone.	Box.	Still.	Telephone.	Box.	Still.	Telephone.	Box.	Still.	Telephone.	Box.	Still.	Telephone.	Box.	Still.	Telephone.	Box.	Still.	Telephone.	Box.	Still.	Telephone.	Box.	Still.	Telephone.										
	Total.			Total.			Total.			Total.			Total.			Total.			Total.			Total.			Total.			Total.			Total.			Total.									
S. E. Combs, Chief,	5	1	2	3	1	1	5	2	1	2	2	2	3	1	1	3	1	4	2	2	2	2	1	1	2	2	1	1	6	1	4	4	1	43	8	8	59						
Wm. Brophy,	4		1																																			39	2	5	46		
G. N. Rawson,	5	1	1	2	1		1	5	1	2	2	2	3	3	1	4	2	3	6	6	1	3	1	1	1	2	1	1	1	1	1	3	4	21	1	1	23						
G. S. Coleman,	2		1	2				4			2	2	3	3			2	2	2	2	4	5																		37	3	1	41
E. L. Vaughn,	4		2	3				6		6	2	2	2	2	2	4	4	4	4	3	4	3	1	1	1	1	1	1	1	1	1	1	4	40	5	2	7	42	2	2	40		
Chas. M. Mills,							3	1	1	6	2	2	2	2	2		1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	4	40	5	6	51						
Steamer No. 1,	5		1	3			1	6		2	2	2	2	2	2	2	3	3	3	3	1	2	1	1	1	1	1	1	1	2	1	4	23	2	2	26							
Steamer No. 2,	4						1	4		1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	1	4	24	4	2	19								
Steamer No. 3,	1		1	2			2	2		2	2	2	2	2	2	2	2	2	3	1	2	1	1	1	2	2	2	2	2	2	2	4	19	2	2	36							
Steamer No. 4,																																									2		
Hose Company No. 1,	1		1	1			1	3		1	2	1	1	1	1	2	1	3	1	1	4	1	1	1	2	1	1	1	1	5	1	3	2	2	6	7	2	21					
Hose Company No. 2,	4		2	2			1	4		1	2	1	1	1	1	2	2	1	1	1	1	2	1	1	2	1	1	1	1	1	1	2	20	1	1	20							
Hose Company No. 3,																																									36		
Hose Company No. 4,	2		1	2			2	3		5	2	2	2	2	2	1	3	5	1	4	1	2	3	3	2	2	2	2	2	3	5	2	21	2	2	41							
Hose Company No. 5,	5		1	2			2	5		3	2	2	2	2	2	2	2	2	1	1	1	3	3	3	2	2	2	2	2	2	3	21	2	2	23								
Hose Company No. 6,	3			1			1	3		3	2	2	2	2	2	1	3	3	3	1	1	1	1	1	1	1	1	1	1	4	3	26	4	4	31								
Hose Company No. 7,	3	1						6		1	2	1	2	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	4	4	20	2	2	42								
Hook and Ladder No. 1,	5		2	3			3	3		3	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	4	4	22	7	4	22								
Hook and Ladder No. 2,	1		1	2			2	6		2	2	2	2	2	2	3	2	2	5	1	1	3	5	3	2	2	2	2	4	4	10												
Extinguisher No. 1,	4		2	3			4	1		1	2	2	3	2	2	3	2	2	4	5	1	6	1	1	1	1	1	1	1	6	1	47											
Five Patrol No. 1,	5		2	3			4	1		1	2	2	3	3	3	2	2	2	4	5	1	6	1	1	1	1	1	1	1	6	1	47											

MONTHLY STATEMENT
OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING JANUARY 31 1882.

DATE.	TIME.	ALARMS.			LOCATION.	CLASS OF BUILDINGS.	H. IED.	POWER USED.	NAME OF OWNER.	NAME OF OCCUPANT.	TOTAL OR PARTIAL LOSS.	BUILDINGS.		CONTENTS.		LOSSES, NO INSURANCE.		CAUSE OF FIRE.	Engineers and Co.s attending at Fires during the Month.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		BOX.	STILL.	TELEPHONE.								INSURANCE.	LOSS.	INSURANCE.	LOSS.	BUILDINGS.	CONTENTS.		Chief.	1 Assistant.	2 Assistant.	3 Assistant.	4 Assistant.	Steamers.				Hose Company.								H. & L.			Babcock.	Fire Patrol.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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1	10.29 P. M.	5	.	.	6 Franklin Street.	Wood.	Stab	.	Trumbull Estate.	G. P. Kendrick & Co.	Partial.	.	.	\$2,400 00	\$2,400 00	\$800 00	\$2,500 00	Unknown.*	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

* Twenty-three horses and one cow burned. † One child burned to death.

OF FIRES AND ALARMS, INSURANCE

IED.	POWER USED.	NAME OF OWNER.	NAME OF
	Trumbull Estate.	G. P. Kendrick.
	" "	Charles Hart.
	" "	T. A. O'Calla.
	" "	W. O. Wilder.
	" "	Samuel Brown.
	" "	Taylor & Allen.
	" "	G. H. Fitzgerald.
	" "	John S. Baldwin.
	John Campbell.	Four Families.
	Harrison Bliss.	Two Families.
	James Penniman.	James Penniman.
	Levi Barker.	James Early.
	Mrs. Dolan.	Mrs. Dolan.
	Hiram Fobes.	. . . . .
	Wm. A. Piper.	Wm. A. Piper.
	M. W. Williamson.	M. W. William.
	S. W. Steele.	Two Families.
	Herdic Company.	. . . . .
	Mrs. C. A. Goddard.	Sisters of Mercy.
	Thomas Eaton.	Thomas Eaton.
	Wm. S. Lincoln.	Unoccupied.

* T

MONTHLY STATEMENT
OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING FEBRUARY 28, 1882

DATE.	TIME.	ALARMS.			LOCATION.	CLASS OF BUILDINGS.	HOW OCCUPIED.	POWER USED.	NAME OF OWNER.	NAME OF OCCUPANT.	TOTAL OR PARTIAL LOSS.	BUILDINGS.		CONTENTS.		LOSSES, NO INSURANCE.		CAUSE OF FIRE.	Engineers and Co.s attending at Fires during the Month.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		BOX.	STILL.	TELEPHONE.								INSURANCE.	LOSS.	INSURANCE.	LOSS.	BUILDINGS.	CONTENTS.		Chief.	1 Assistant.	2 Assistant.	3 Assistant.	4 Assistant.	Steamers.				Hose Company.					H. & L.			Babcock.	Fire Patrol.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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8	4.10 A. M.	16	.	.	Southbridge Street.	Wood.	Boiler shop.	Steam.	Geo. Crompton.	Wm. Allen & Son.	Partial.	\$150 00	.	Unknown.	1	.	1	1	1	1

MONTHLY STATEMENT
OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING MARCH 31, 1882.

DATE.	TIME.	ALARMS.			LOCATION.	CLASS OF BUILDINGS.	HOW OCCUPIED.	POWER USED.	NAME OF OWNER.	NAME OF OCCUPANT.	TOTAL OR PARTIAL LOSS.	BUILDINGS.		CONTENTS.		LOSSES, NO INSURANCE.		CAUSE OF FIRE.	Engineers and Co.s attending at Fires during the Month.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		INSURANCE.	LOSS.	INSURANCE.								LOSS.	BUILDINGS.	CONTENTS.	Chief.	1 Assistant.	2 Assistant.		3 Assistant.	4 Assistant.	Steamers.				Hose Company.									H. & L.			Babcock.	Fire Patrol.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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2	2.40 A. M.	.	1	.	Gold Street.	Wood.	Dwelling.	.	Joseph Scanlon.	Joseph Scanlon.	Total.	\$500 00	\$430 00	.	.	.	\$250 00	Defective chimney.

MONTHLY STATEMENT

OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING APRIL 30, 1882.

DATE.	TIME.	ALARMS.			LOCATION.	CLASS OF BUILDINGS.	HOW OCCUPIED.	POWER USED.	NAME OF OWNER.	NAME OF OCCUPANT.	TOTAL OR PARTIAL LOSS.	BUILDINGS.		CONTENTS.		LOSSES, NO INSURANCE.		CAUSE OF FIRE.	Engineers and Co.s attending at Fires during the Month.																						
		BOX.	STILL.	TELEPHONE.								INSURANCE.	LOSS.	INSURANCE.	LOSS.	BUILDINGS.	CONTENTS.		Chief.	1 Assistant.	2 Assistant.	3 Assistant.	4 Assistant.	Steamers.				Hose Company.								H. & L.			Bibcock.	Fire Patrol.	
																								1	2	3	4	1	2	3	4	5	6	7	8	9	1	2			3
1	9.35 P. M.	57	.	.	Rear 25 Hermon St.	Wood.	Foundry.	Steam.	Wheeler & Pero.	P. Pero.	.	\$1,000 00	\$ 10 00	.	.	.	.	Sparks from furnace stack.	1	1	1	1	1	1	.	.	.	1	1	1	.	1	.	1	.	1	
3	10.51 A. M.	63	.	.	Summer Street Court.	"	Dwelling.	.	David Hurlihey.	David Hurlihey.	.	.	.	.	.	.	\$ 28 00	Chimney from locomotive.	1	1	1	1	1	.	.	1	.	1	1	.	1	.	1	.	1	
10	10.50 A. M.	.	1	.	49 Pearl Street.	"	Dwelling.	.	Dr. J. N. Bates.	Dr. J. N. Bates.	.	.	.	.	.	.	.	Chimney fire.	.	1	1	1	1	.	.	1	.	1	1	.	1	.	1	.	1	
10	6.10 P. M.	.	1	.	25 Waldo Street.	Brick.	Hotel.	.	R. N. Start.	R. N. Start.	.	.	.	.	.	.	.	Hot ashes.	1	1	1	1	1	.	.	1	.	1	1	.	1	.	1	.	1	
10	7.20 P. M.	32	.	.	125 Central Street.	Wood.	Repair shop.	Steam.	Woreester & Nashua Co.	Woreester & Nashua Co.	.	.	.	.	.	.	10 00	Unkuown.	1	1	1	1	1	.	1	1	1	.	1	1	.	1	.	1	.	1
10	7.55 P. M.	.	1	.	35 Central Street.	Brick.	Stable.	.	Harrington Bros.	Harrington Bros.	.	.	.	.	.	.	\$ 10 00	Throwing a lighted match on bed.	1	1	1	1	1	.	1	1	1	.	1	1	.	1	.	1	.	1
16	5.15 P. M.	.	1	.	3 Towne Court.	Wood.	Dwelling.	.	Dr. Towne.	Four families.	.	.	.	.	.	.	.	Sparks from chimney.	1	1	1	1	1	.	1	1	1	.	1	1	.	1	.	1	.	1
18	7.2 P. M.	23	.	.	138 Mechanic Street.	Brick.	Foundry.	Steam.	Rice, Barton & Fales.	Whceker Foundry Co.	.	.	.	.	.	.	.	Sparks from furnace stack.	.	1	1	1	1	.	.	1	.	1	1	.	1	.	1	.	1	
19	6.59 P. M.	57	.	.	Rear 25 Hermon St.	Wood.	Foundry.	"	Wheeler & Pero.	P. Pero.	Partial.	800 00	800 00	.	.	.	20 00	" " " "	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
24	8.50 A. M.	.	1	.	29 Pearl Street.	Brick.	Post office.	.	Hoar & Rice.	U. S. Post Office.	10 00	Chimney fire.	1	1	1	1	1	1	.	1	1	1	.	1	1	.	1	.	1	.	1				
24	11.29 A. M.	.	.	1	35 Pearl Street.	"	Tenement.	.	Judge Chapln heirs.	Mrs. Bellon.	175 00	Smoke from a stove.	1	1	1	1	1	1	.	1	1	1	.	1	1	.	1	.	1	.	1				
27	8.15 P. M.	.	1	.	8 Linden Street.	Wood.	Boarding house.	.	Mrs. Chapin.	Mrs. Lyme.	" " "	1	1	1	1	1	1	.	1	1	1	.	1	1	.	1	.	1	.	1				
30	3.30 A. M.	32	.	.	163 Union Street.	Brick.	Box shop.	Steam.	Wm. T. Merrifield.	National Manufacturing Co.	Partial.	4,601 00	4,218 50	.	.	.	.	Unknown.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		6	6	1								\$6,401 00	\$5,028 50				\$243 00	\$1,110 00		8	6	4	6	6	6	3	5	1	3	5		3	5	4	4		6	3		5	9

MONTHLY STATEMENT

OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING MAY 31, 1882.

DATE.	TIME.	ALARMS.			LOCATION.	CLASS OF BUILDINGS.	HOW OCCUPIED.	POWER USED.	NAME OF OWNER.	NAME OF OCCUPANT.	TOTAL OR PARTIAL LOSS.	BUILDINGS.		CONTENTS.		LOSSES, NO INSURANCE.		CAUSE OF FIRE.	Engineers and Co.s attending at Fires during the Month.																		
		BOX.	STILL.	TELEPHONE.								INSURANCE.	LOSS.	INSURANCE.	LOSS.	BUILDINGS.	CONTENTS.		Chief.	1 Assistant.	2 Assistant.	3 Assistant.	4 Assistant.	Steamers.				Hose Company.					H. & L.			Babcock.	Fire Patrol.
																								1	2	3	4	1	2	3	4	5	6	7	8		
9	4.14 and 4.16 P. M.	63	.	1	44 Grafton Street.	Wood.	Barn.	.	Geo. Wesson.	Geo. Wesson.	Partial.	\$400 00	.	Unknown.	1	1	1	1	1	1	.	1	.	1	.	1	.	1	1			
"	"	"	.	.	" "	"	Barn.	.	Geo. W. Gill estate.	R. Fuller.	Total.	.	.	.	.	.	200 00	\$100 00	"	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	"	"	.	.	" "	"	Wood yard.	.	Geo. W. Gillestatc.	R. Fuller.	"	.	.	.	.	.	100 00	300 00	"	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	"	"	.	.	" "	"	Shed.	.	J. M. Alger.	J. M. Alger.	Partial.	.	.	.	.	.	50 00	.	"	1	1	1	1	1	1	.	1	.	1	.	1	1	
10	3.15 P. M.	16	.	.	Hammond Street.	Brick.	Machine shop.	Steam.	W. C. & J. B. McIver.	W. C. & J. B. McIver.	.	.	.	.	.	.	.	.	Sparks from forge.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	2.55 A. M.	.	1	.	44 Grafton Street.	.	.	.	.	.	.	.	.	.	.	.	.	.	Rebuilding of ruins of fire May 9.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	11.20 P. M.	.	1	.	506 Main Street.	Brick.	Unoccupied.	.	Jonas G. Clark.	.	.	.	.	.	.	.	.	.	Reflection from stove.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	9.10 A. M.	.	1	.	103 Washington St.	Wood.	Dwelling.	.	Morris Troy.	Morris Troy.	.	.	.	.	.	.	.	.	Chimney fire.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	5 P. M.	.	1	.	Rear 178 Union Street.	Brick.	Dry house.	.	Wm. T. Merrifield.	.	.	.	.	.	.	.	.	.	Overheated dry room.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	10.15 P. M.	.	1	.	Rear 14 Bowdoin St.	.	.	.	.	.	.	.	.	.	.	.	.	.	Brush fire.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	5.40 P. M.	.	1	.	Rcar 506 Main Street.	.	Shed.	.	Jonas G. Clark.	.	.	.	.	.	.	.	10 00	.	Overheated boiler.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		2	6	1													\$760 00	\$400 00		2	2	2	2	2	1	1	3	1	2	3	2	3	4				

MONTHLY STATEMENT
OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING JUNE 30, 1882.

DATE.	TIME.	ALARMS.			LOCATION.	CLASS OF BUILDINGS.	HOW OCCUPIED.	POWER USED.	NAME OF OWNER.	NAME OF OCCUPANT.	TOTAL OR PARTIAL LOSS.	BUILDINGS.		CONTENTS.		LOSSES, NO INSURANCE.		CAUSE OF FIRE.	Enginccrs and Co.s attending at Fires during the Month.																						
		BOX.	STILL.	TELEPHONE.								INSURANCE.	LOSS.	INSURANCE.	LOSS.	BUILDINGS.	CONTENTS.		Chief.	1 Assistant.	2 Assistant.	3 Assistant.	4 Assistant.	Steamers.				Hose Company.									H. & L.			Babcock.	Fire Patrol.
																								1	2	3	4	1	2	3	4	5	6	7	8	9	1	2	3		
3	2.23 A. M.	21	.	.	9 May Street.	Brick.	Organ shop.	Steam.	A. H. Hammoud.	E. P. Carpenter.	.	.	.	.	.	.	\$ 10 00	Spontaneous, oil rags.	1	1	1	1	1	.	1	.	.	.	1	1	.	.	.	1	.	1	1
14	2.55 P. M.	.	1	.	17 Hermon Street.	Wood.	Shaving house.	.	Taylor & Farley Co.	Taylor & Farley Co.	.	.	.	.	.	.	.	Sparks from furnace stack.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	2.40 A. M.	63	.	.	21 Grafton Street.	"	Car shop.	Steam.	Osgood Bradley Co.	Osgood Bradley Co.	Total.	\$1,700 02	\$1,350 00	\$18,799 93	\$7,690 42	\$2,500 00	22,025 21	Unknown.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
17	12.45 P. M.	.	1	.	7 Quincy Street.	"	Dwelling.	.	H. A. Morse.	A. O. Knight.	.	.	.	.	.	.	10 00	Kerosene stove vapor igniting.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	7.10 P. M.	.	1	.	506 Main Street.	Brick.	Unoccupied.	.	Jonas G. Clark.	.	.	.	.	.	.	.	.	Defective furnace pipe.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	7 P. M.	.	1	.	27 Wachusett Street.	Wood.	Dwelling.	.	Wm. L. Smith.	Geo. L. Holden.	.	.	.	.	.	10 00	Explosion kerosene lamp.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	12.10 P. M.	.	1	.	69 School Street.	Brick.	Dry house.	.	N. A. Lombard.	N. A. Lombard.	.	.	.	.	.	20 00	Sparks from locomotive.	1	.	.	1	1	.	1	.	.	.	.	.	.	.	1	.	1	1	.	
26	5.28 P. M.	15	.	.	3 Edgeworth Street.	Wood.	Dwelling.	.	John McNiff.	John McNiff.	.	2,200 00	.	.	.	.	.	Spontaneous combustion, oil rags.	1	1	1	1	.	1	1	.	1	.	.	.	.	1	.	1	1	.	
26	9.50 P. M.	.	1	.	46 Newbury Street.	"	Dwelling.	.	Edwin P. Lawrence.	Edwtn P. Lawrence.	.	.	.	.	.	.	.	Chimney fire.	1	.	1	1	.	.	.	.	.	.	.	.	.	.	.	.	1	1	.
												\$3,900 02	\$1,035 00	\$18,799 93	\$7,690 42	\$2,530 00	\$22,045 21																								
																				4	3	2	5	5	2	2	2	1	3	2	1	3	2	1	3	2	3	5			

MONTHLY STATEMENT
OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING JULY 31, 1882.

DATE.	TIME.	ALARMS.			LOCATION.	CLASS OF BUILDINGS.	HOW OCCUPIED.	POWER USED.	NAME OF OWNER.	NAME OF OCCUPANT.	TOTAL OR PARTIAL LOSS.	BUILDINGS.		CONTENTS.		LOSSES, NO INSURANCE.		CAUSE OF FIRE.	Engineers and Co.s attending at Fires during the Month.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		INSURANCE.	LOSS.	INSURANCE.								LOSS.	BUILDINGS.	CONTENTS.	Chief.	1 Assistant.	2 Assistant.		3 Assistant.	4 Assistant.	Steamers.				Hose Company.									H. & L.			Babcock.	Fire Patrol.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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7	5.15 P. M.	.	1	.	Grafton Street.	Brick.	Freight car.	.	Boston & Albany R. R.	Boston & Albany R. R.	\$50 00	Spontaneous combustion, bale cotton.	1

MONTHLY STATEMENT
OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING AUGUST 31, 1882.

DATE.	TIME.	ALARMS.			LOCATION.	CLASS OF BUILDINGS.	HOW OCCUPIED.	POWER USED.	NAME OF OWNER.	NAME OF OCCUPANT.	TOTAL OR PARTIAL LOSS.	BUILDINGS.		CONTENTS.		LOSSES, No INSURANCE.		CAUSE OF FIRE.	Engineers and Co.s attending at Fires during the Month.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		BOX.	STILL.	TELEPHONE.								INSURANCE.	LOSS.	INSURANCE.	LOSS.	BUILDINGS.	CONTENTS.		Chief.	1 Assistant.	2 Assistant.	3 Assistant.	4 Assistant.	Steamers.				Hose Company.									H. & L.			Babcock.	Fire Patrol.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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2	2 A. M.	.	1	.	12 Water Street.	Wood.	Dwelling.	.	Mrs. Flaherty.	Mrs. Flaherty.	.	\$ 900 00	\$ 9 91	\$ 600 00	.	.	.	Explosion kerosene lamp.

MONTHLY STATEMENT
OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING SEPTEMBER 30, 1882.

DATE.	TIME.	ALARMS.			LOCATION.	CLASS OF BUILDINGS.	HOW OCCUPIED.	POWER USED.	NAME OF OWNER.	NAME OF OCCUPANT.	TOTAL OR PARTIAL LOSS.	BUILDINGS.		CONTENTS.		LOSSES, NO INSURANCE.		CAUSE OF FIRE.	Engineers and Co.s attending at Fires during the Month.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		INSURANCE.	LOSS.	INSURANCE.								LOSS.	BUILDINGS.	CONTENTS.	Chief.	1 Assistant.	2 Assistant.		3 Assistant.	4 Assistant.	Steamers.				Hose Company.								H. & L.			Babcock.	Fire Patrol.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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2	7.45 A. M.	..	1	..	Lyman St., New Wor.	Wood.	Soap shop.	Steam.	G. L. Holmes.	G. L. Holmes.	Exhaust steam.

MONTHLY STATEMENT
OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING OCTOBER 31, 1882.

DATE.	TIME.	ALARMS.			LOCATION.	CLASS OF BUILDINGS.	HOW OCCUPIED.	POWER USED.	NAME OF OWNER.	NAME OF OCCUPANT.	TOTAL OR PARTIAL LOSS.	BUILDINGS.		CONTENTS.		LOSSES, NO INSURANCE.		CAUSE OF FIRE.	Engineers and Co.s attending at Fires during the Month.																						
		BOX.	STILL.	TELEPHONE.								INSURANCE.	LOSS.	INSURANCE.	LOSS.	BUILDINGS.	CONTENTS.		Chief.	1 Assistant.	2 Assistant.	3 Assistant.	4 Assistant.	Steamers.				Hose Company.									H. & L.			Babcock.	Fire Patrol.
																								1	2	3	4	1	2	3	4	5	6	7	8	9	1	2	3		
4	4.58 P. M.	.	.	1	288 Main Street. [St.	Brick.	Dwelling.	.	Flagg estate.	Dr. H. R. Surles.	.	.	.	.	.	.	.	Smoky stove.	1	1	.	.	1	.	1	.	1	.	.	.	.	.	1	1	.	1	1		
12	8.16 P. M.	17	.	.	Cor. Waldo & Exchange	Wood.	Dwelling.	.	Tolman & Russell.	A. J. Wilder.	.	\$1,000 00	\$264 00	\$600 00	\$600 00	.	\$140 00	Upsetting kerosene lamp.	1	1	1	1	.	1	1	.	1	1	1	1	.	.	1	1	.	1	1				
12	"	"	.	.	"	"	Feather store.	.	Tolman & Russell.	N. Deschamps.	.	.	.	.	.	.	15 00	"	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	"	"	.	.	"	"	Beer manufacturer.	.	Tolman & Russell.	Wm. F. Brooks.	.	.	.	.	.	.	5 00	"	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	2.29 P. M.	.	1	.	4 Pink Street.	"	Dwelling.	.	Thos. Courtney.	Thos. Courtney.	.	.	.	.	.	.	.	Chimney fire.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.
28	9.15 P. M.	.	1	.	55 Mechanic Street.	"	Dwelling.	.	Joseph Hill heirs.	Maurice Hacker.	.	.	.	.	.	.	.	Fireworks set roof on fire.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		1	2	1								\$1,000 00	\$264 00	\$600 00	\$600 00		\$160 00		2	1	1	1	3	1	2	2	1	1	1			1	2		2	2					

MONTHLY STATEMENT

OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING NOVEMBER 30, 1882.

[illegible]

MONTHLY STATEMENT
OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING DECEMBER 31, 1882.

DATE.	TIME.	ALARMS.			LOCATION.	CLASS OF BUILDINGS.	HOW OCCUPIED.	POWER USED.	NAME OF OWNER.	NAME OF OCCUPANT.	TOTAL OR PARTIAL LOSS.	BUILDINGS.		CONTENTS.		LOSSES, NO INSURANCE.		CAUSE OF FIRE.	Engineers and Co.s attending at Fires during the Month.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		BOX.	STELL.	TELEPHONE.								INSURANCE.	LOSS.	INSURANCE.	LOSS.	BUILDINGS.	CONTENTS.		Chief.	1 Assistant.	2 Assistant.	3 Assistant.	4 Assistant.	Steamers.				Hose Company.								H. & L.			Babcock.	Fire Patrol.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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4	10.25 P. M.	1	1		156 Front Street.	Stone.	Boot and shoe store.		R. C. Taylor.	Manning Bros.								Break in a water pipe.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

* Two horses, one cow and one calf burned.

BOARD OF ENGINEERS

OF THE
CITY OF WORCESTER,

For 1883.

OFFICE, No. 10 BIGELOW COURT.

CHIEF ENGINEER.

S. E. COMBS.

Residence, 17 School Street. No. of Badge, 1.

1st Assistant and Clerk, WM. BROPHY.

Residence, 18 Eastern Avenue. No. of Badge, 2.

2d Assistant, CHARLES M. MILLS.

Residence, 21 Orchard Street. No. of Badge, 3.

3d Assistant, GEO. S. COLEMAN.

Residence, 9 Clinton Street. No. of Badge, 4.

4th Assistant, E. L. VAUGHN.

Residence, 67 Green Street. No. of Badge, 5.

Superintendent of Fire Alarm Telegraph.

WM. BROPHY.

Assistant on Fire Alarm Telegraph.

LEVI JONES.

Inspectors of Petroleum.

S. E. COMBS.

WM. BROPHY.

COMMITTEE ON FIRE DEPARTMENT.

ALDERMEN.

CHARLES G. REED.

R. JAMES TATMAN.

COUNCILMEN.

BENJAMIN BOOTH.

G. E. BATCHELDER.

JAMES C. COFFEE.

STEAMERS.

GOV. LINCOLN, STEAM FIRE ENGINE No. 1.

Located in Bigelow court. This engine was built by the Amoskeag Manufacturing Co., Manchester, N. H., and delivered to this Department in February, 1873. With this machine there is a four-wheeled hose carriage, carrying 700 feet of hose, a portable extinguisher, and all the necessary equipments. This carriage was built by Albert Tolman & Co., of this city, and is in good condition. Three horses are in the house, owned by the City, with two permanent drivers. Four hosemen occupy beds in the house, also the drivers. Company when full is eleven men, including drivers.

MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	Mark M. Patterson,	Engine House,	6
Asst. Foreman,	John J. Adams,	Engine House,	7
Engineer,	Wm. R. Shaw,	Bigelow Court,	8
Asst. Engineer,	James D. Shaw,	120 Front street,	13
	Frank H. Buxton,	Engine House,	10
	F. J. Morgan,	Engine House,	12
	Fayett C. Robbins,	9 Salem street,	11
	S. F. Barnes,	Front street,	14
	C. A. Fish,	Orange street,	15
	Alonzo Adams,	Engine House,	9
Driver,	F. G. Mills,	Engine House.	
	C. W. Johnson,	Engine House.	

Number of hours worked at fires during the year, 99.

A. B. LOVELL, STEAM FIRE ENGINE No. 2.

The engine is located on Beacon street, and was built by B. S. Nichols & Co., of Burlington, Vt., in 1878. With this engine there is a four-wheeled hose carriage, built by Corbett & Willard, of this city; it will carry 1000 feet of hose. Permanent horses

are kept for the steamer and hose carriage, with permanent drivers. The company when full has twelve men, including drivers.

MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	John Wheaton,	Main street,	16
Asst. Foreman,	J. Brusco, jr.,	Benefit street,	17
Engineer,	Carl E. Noyes,	Beacon street,	19
Asst. Engineer,	Wm. C. Wallace,	Beacon street,	20
	G. H. Peavy,	Engine House,	25
	F. T. Morse,	Hermon street,	18
	M. R. Shattuck,	Engine House,	21
	T. H. Day,	Queen street.	24
	A. C. Haradan,	South Russell street,	22
	W. E. Hunt,	Engine House,	23
Driver,	H. S. Fowler,	Engine House,	22
Driver,	F. A. Tebbetts,	Engine House,	36

Number of hours worked at fires during the year, 74.

S. E. COMBS, STEAM FIRE ENGINE No. 3.

Located on Prescott street. This engine was built by H. C. Silsby & Co., Seneca Falls, N. Y. This machine was delivered to this Department in August, 1874.

With this engine there is a four-wheeled horse hose carriage, built by W. H. Willard, of this city, and is in good condition, carrying 750 feet of hose. Three permanent horses are kept for the steamer and hose carriage; two permanent drivers. The company when full has twelve men, including the drivers.

MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	Alvin W. Prouty,	Engine House,	26
Asst. Foreman,	Chas. W. Hurd,	Goulding street,	27
Engineer,	Geo. P. Blake,	Shelby street,	30
Asst. Engineer,	Frank D. Roberts,	George street,	32
	A. Burlingame,	Fountain street,	29
	Wm. Birnie,	Engine House,	31
	Wm. D. Luchay,	Belmont street,	33
	Geo. Liberty,	School street,	34
	Thomas Murray,	Belmont street,	35
	Chas. W. Leonard,	Belmont street,	28
Driver,	C. L. Mahoney,	Engine House.	
Driver,	C. N. Hassam.		

Number of hours worked at fires during the year, 74.

HOSE COMPANIES.

ALERT HOSE, No. 1.

Located on School street. This is a four-wheeled horse hose wagon, carrying 700 feet of hose and one chemical extinguisher. This wagon was built by Smallridge & Bouget, in 1882, and is considered superior to a hose reel, as the hose is handled and laid much quicker and easier. Company allowed eight men, with driver.

MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	Henry E. Robbins,	Thomas street,	46
Asst. Foreman,	S. W. Buffum,	Orchard street,	47
	A. C. Newcomb,	Hose House,	55
	Geo. L. Robbins,	Main street,	51
	A. L. Thayer,	Hose House,	52
	Sabin L. Flag,	School street,	53
	Chas. S. Leonard,	Main street,	54
	Chas. Chew,	Grove street,	48
Driver,	James F. Adams,	Hose House.	

Number of hours worked at fires during the year, 62.

OCEAN HOSE, No. 2.

House corner of Providence and Grafton streets. This company has a four-wheeled horse hose carriage and permanent driver, and carries 500 feet of hose and one portable fire extinguisher; four men sleep in the house. The company when full, nine men, including the driver.

MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	David Boland,	5 Cherry street,	56
Asst. Foreman,	James H. Madden,	39 Grafton street,	57
	James O'Keefe,	5 Cherry street,	58
	Chas. F. Hart,	122 Washington street,	59
	Wm. Geary,	21 Burt street,	60
	James Keegan,	50 Chandler street,	62
	Dennis Sullivan,	Hose House,	63
	Wm. Cavanaugh,	Hose House,	64
Driver,	James K. Laffin,	Hose House.	

Number of hours worked at fires during the year, 95.

EAGLE HOSE, No. 3.

Located at Quinsigamond. This is a four-wheeled hand carriage, built by Albert Tolman & Co., in 1863. This company is volunteer.

MEMBERS.

Foreman,	William Gamlin.
Asst. Foreman,	Joseph Green.
Steward,	Charles Daw.
	John Carty.
	William Cuff.
	Thos. Hodgkiss.
	Thos. Luce.
	Thos. McDonough.
	Edward Green.
	Oscar Sylvester.
	William Hodgkiss.
	Isaac Walker.

 NIAGARA HOSE, No. 4.

Located on Exchange street. This company has a four-wheeled hand hose carriage, carrying 600 feet of hose, and was built by Albert Tolman & Co., of this city, in 1867, and is now in good condition. This carriage is drawn by hire. Four men sleep in the house. Company allowed eight men.

MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	Chas. E. Newton,	Thomas street,	76
	John C. Gilbert,	Hose House,	77
	Sam'l F. Newton,	Liberty street,	78
	A. J. Dresser,		80
	Wm. W. Earle,		84
	Elmer E. Newton,	Hose House,	85
	H. E. Stone,	Salem street,	81

Number of hours worked at fires during the year, 78.

YANKEE HOSE, No. 5.

House on Myrtle street. This company has a four-wheeled horse hose earriage, and permanent driver. The carriage was built by Corbett & Willard, of this city, in 1874. Company allowed eight men. Four men occupy beds in the house.

MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	Cliff C. Lamb,	Hose House,	87
Asst. Foreman,	Frank T. Williams,	Myrtle street,	88
	Wm. H. Fletcher,	4 Portland street,	90
	James B. Lewis,	687 Main street,	89
	John McIntosh,	62 Austin street,	92
	Geo. McLeod,	Lynn street,	93
	Chas. M. Young,	44 Salem street,	95
	Frank Kempton,	Hose House,	94
Driver,	A. A. Jones,	Hose House.	

Number of hours worked at fires during the year, 74.

TIGER HOSE, No. 6.

House on Pleasant street. This company has a four-wheeled horse hose carriage and a permanent driver. The carriage was built by the Amoskeag Manufacturing Company, of Manchester, N. H., in 1873. It carries 700 feet of hose, a portable extinguisher, and is in good condition. Four men sleep in the house. Company when full, nine men, including driver. There is also in this house a Relief Steamer in good condition, to be used in case of emergency.

MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	F. F. Burbank,	Pleasant street,	105
Asst. Foreman,	Geo. D. Ballou,	4 Winslow street,	97
	E. D. Burbank,	219 Pleasant street,	98
	R. L. Jewell,	27 Mason street,	99
	Geo. W. Smith,	228 Pleasant street,	100
	C. Combs,	Hose House,	101
	C. F. Finn,	Hose House,	102
	Geo. N. Rice,	230 Pleasant street.	
Driver,	Chas. Combs,	Hose House.	

Number of hours worked at fires during the year, 66.

PROTECTION HOSE, No. 7.

Located on Lamartine street. This company has a four-wheeled horse hose carriage and permanent driver. The carriage was built by the Amoskeag Manufacturing Company, of Manchester, N. H., in 1873 ; carries 800 feet of hose, a portable extinguisher, and is in good condition. Three hose-men and the driver occupy beds in the house. Company when full, nine men, including driver. In this house is a Relief Steamer, which is in good condition.

MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	Wm. J. Shaw,	Engine House,	106
Asst. Foreman,	Wm. A. Adams,	86 Lamartine street,	107
	Frank Buxton,	29 Orange street,	108
	Peter Gallagher,	Engine House,	109
	J. F. Jennings,	214 Southbridge street,	110
	Wm. Mahar,	26 Lodi street,	111
	Dennis Shea,	206 Southbridge street,	112
	Timothy Comaford,	Engine House,	113
Driver,	Timothy Sullivan,	Engine House.	

Number of hours worked at fires during the year, 69.

RAPID HOSE, No. 8.

Located at Webster square. This company has a four-wheeled horse hose carriage, built by Albert Tolman & Co., of this city, in 1867, and is now in good condition. This company is allowed eight men with driver ; four men occupy beds in the house.

MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	Geo. W. Dickinson,	Lake street,	36
Asst. Foreman,	Frank L. Jencks,	Mill street,	37
	L. A. Whitcomb,	Main street,	38
	Oney Dickinson,	Webster street,	42
	Wm. Hoyle,	Webster street,	45
	Henry G. Foy,	Leicester street,	48
	Rob't B. Lord,	Webster street,	43
	Geo. W. Plimpton,	Mill street,	41
Driver,	C. A. Hames,	Hose House.	

Number of hours worked at fires during the year, 7.

INDEPENDENT HOSE CO., No. 9.

OF COES SQUARE.

MEMBERS.

Foreman,	S. A. Cushno.	John H. Tainter.
2d Foreman,	Oliver Dyer.	Aug. Simpson.
3d Foreman,	L. A. Fairfield.	H. R. Brown.
	E. Pontbriand.	John Whitty.
	John Whalen.	N. Whitty.
	John Kane.	Charles Kane.
	Oliver Cushno.	Aug. Sharbono, jr.
	Thomas Johnson.	Frank Lobdell.
	E. H. Whalen.	W. J. Eddy.
	E. E. Johnson.	Anthony Fox.
	T. J. Lobdell.	

FIRE EXTINGUISHER.

BABCOCK EXTINGUISHER, No. 1.

House on John street. This company is equipped with a self-acting fire engine, made by the New England Extinguisher Company, Northampton, Mass., in 1873. It was rebuilt in 1876, and arranged to be drawn by a horse. It is equipped with a horse and one permanent man and three call men.

MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	Wm. Flynn,	Engine House,	146
	David Wilcox,	Engine House,	147
	Fred. P. Dean,	Engine House,	148
	F. E. Keyes,	Highland street,	149

Number of hours worked at fires during the year, 118.

HOOK AND LADDER COMPANIES.

J. W. LORING HOOK AND LADDER No. 1.

LOCATED AT BIGELOW COURT.

This truck was built by Edward M. Leverich, of New York, in 1875. It is a patent iron trestle side truck with ladders on rollers and platform springs, and carries 365 feet of ladders, including one 75 feet extension ladder. Five men sleep in the house, including driver. Company, when full, seventeen men.

MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	J. S. Perkins,	4 Portland street,	130
Asst. Foreman,	Jas. E. Kennington,	Engine House,	131
	Geo. B. Sampson,	12 Front street,	132
	W. L. McLaughlin,	Engine House,	133
	S. H. Whitman,	13 Layard place,	134
	A. A. Shepardson,	32 Orchard street,	135
	C. A. Gould,	39 Salem street,	136
	H. M. Sorrell,	123 Park street,	137
	Albert Young,	115 Main street,	138
	C. E. Bullard,	Carlton street,	139
	Henry A. Bradley,		140
	E. L. Sibley,	6 Chandler street,	141
	James J. Lavine,	3 Church place,	143
	J. H. Makepeace,	Mechanic street,	144
	C. C. Brown,	28 Chatham street,	145
	Wm. A. Sheldon,	Engine House,	146
Driver,	Frank B. Jones,	Engine House,	142
	Ardell M. Mills,	Engine House.	

Number of hours worked at fires during the year, 79.

GOOD WILL HOOK AND LADDER No. 2.

This truck is located on Prescott street. It carries two Badger extension ladders, and is in good condition. It is manned with permanent horses and driver. Company, when full, twelve men, including driver.

MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	J. P. Murphy,	Pink street,	148
Asst. Foreman,	John P. Fay,	Exchange street,	149
	P. Gilligan,	Engine House,	150
	John O. Hern,	Eastern avenue,	151
	John P. Morrissey,	Mechanic street,	152
	David McGrath,	Howard street,	153
	Owen McGarrell,	Hanover street,	154
	John O'Connell,	Engine House,	155
	John J. Horgan,		156
	Thos. J. Fay,	Green street,	158
	Maurice Mulcahey,	Engine House,	159
Driver,	W. H. Chadwick,	Engine House.	

Number of hours worked at fires during the year, 73.

INSURANCE FIRE PATROL.

This apparatus is located in Davis court. Wagon was built by Abbott, Downing & Co., of Concord, N. H., in 1875. Drawn by two horses, carrying thirty covers and two Portable Fire Extinguishers. The company is sustained mostly by the fire underwriters; the City paying \$1,200 yearly toward their running expenses; the company when full, eight men. Four permanent and four call men. This company is stationed in the business center.

MEMBERS.

PERMANENT.

	Names.	Residence.
Captain,	Hiram R. Williamson,	Patrol House.
Assistant Captain,	Merritt C. Vail,	Patrol House.
Driver,	Albert Converse,	Patrol House.
	Herbert R. Shippee,	Patrol House.

CALL MEN.

James C. Luby,	Patrol House.
Leroy M. Alexander,	Patrol House.
George W. Carr,	Patrol House.
J. Frederic Carr,	Patrol House.

RUNNING CARD.

No. of Box.	Steamer 1.	Steamer 2.	Steamer 3.	Extinguisher.	Hose No. 1.	Hose No. 2.	Hose No. 4.	Hose No. 5.	Hose No. 6.	Hose No. 7.	Hose No. 8.	Hook & Ladder 1.	Hook & Ladder 2.	ENGINEERS.			
4	1	...	3	1	1	2	4	5	...	...	...	1	2	1	2	3	4
5	1	...	3	1	1	2	...	5	...	7	...	1	2	1	...	3	...
6	H	...	3	...	1	2	...	...	...	...	...	...	...	...	...	...	4
7	H	2	...	...	...	2	...	5	...	7	...	1	...	...	...	3	...
8	1	H	...	1	1	...	...	5	6	...	...	1	...	...	2	...	...
9	1	2	...	1	1	...	4	5	...	7	...	1	2	1	2	3	4
12	H	2	...	1	1	...	4	5	6	7	...	1	...	1	2	3	4
13	...	2	...	...	...	...	...	5	6	7	8	...	2	...	2	...	...
14	H	...	3	1	1	...	4	...	...	...	...	2	1	...	...	4	...
15	1	...	3	1	1	...	4	5	6	...	...	1	2	1	...	4	...
16	H	2	...	1	...	2	...	5	...	7	...	1	...	...	2	3	...
17	1	...	3	...	1	2	4	5	...	...	...	1	2	1	2	3	4
18	H	...	3	1	1	...	...	5	...	...	...	2	1	...	...	4	...
19	...	...	3	1	1	...	4	...	6	...	...	2	1	...	...	4	...
21	...	2	...	1	...	...	...	5	...	7	8	1	2	2	2	3	...
23	1	...	3	1	1	2	4	5	...	...	...	1	2	1	2	3	4
24	...	2	...	...	...	...	...	5	...	7	8	1	...	...	2	3	...
25	H	...	3	1	1	...	4	...	6	...	...	...	2	1	...	4	...
26	H	2	...	1	...	2	...	5	...	7	...	1	...	1	2	3	4
27	1	...	...	1	1	...	...	5	6	...	...	1	...	...	2	...	...
28	1	...	...	1	...	2	...	5	...	7	...	1	...	...	2	3	...
31	...	2	...	...	...	...	...	5	6	7	8	...	2	...	2	...	...
32	1	...	3	1	1	2	4	...	...	...	...	1	2	1	2	3	4
34	1	H	...	...	...	2	...	5	...	7	...	1	...	1	2	3	...
35	1	...	...	...	...	2	...	5	...	7	...	1	...	...	2	3	...
36	1	...	H	1	1	2	4	5	...	7	...	1	2	1	2	3	4
37	...	...	3	1	1	...	...	5	6	...	...	...	2	...	2	...	4
38	...	...	3	1	1	...	...	...	6	...	...	...	2	...	2	...	4
41	H	...	3	1	1	2	4	...	...	...	...	2	1	...	...	4	...
42	...	2	...	...	...	2	...	5	...	7	8	1	...	...	2	3	...
43	1	H	...	...	...	2	...	5	...	7	...	1	...	...	...	3	...
45	1	...	H	...	1	2	4	...	...	...	...	1	...	1	...	...	4
46	1	...	...	1	...	2	...	5	...	7	...	1	...	...	2	3	...
47	H	...	3	1	1	...	4	...	...	...	...	2	1	...	...	4	...
48	...	1	...	...	...	...	...	5	6	7	8	1	...	...	...	3	...
51	1	...	3	1	1	2	4	5	...	...	...	1	2	1	2	3	4
52	...	...	3	1	1	2	4	...	6	...	...	2	1	...	...	4	...
53	1	...	...	...	...	2	...	5	6	7	...	...	2	...	...	3	...
54	H	2	...	1	...	...	...	5	6	...	...	1	...	...	2	...	...
56	1	...	H	1	1	...	...	5	6	...	...	2	...	...	2	...	...
57	H	2	...	1	...	...	...	5	6	7	...	1	...	...	2	3	...
58	...	2	...	...	...	...	...	5	6	...	8	1	...	...	2	3	...
61	...	2	...	...	...	...	...	5	6	7	8	1	...	...	2	3	...
62	H	...	...	1	...	2	...	5	...	7	...	1	...	...	...	3	...
63	1	...	H	1	1	2	4	...	...	7	...	1	2	1	2	3	4
64	1	...	...	...	...	2	...	5	...	7	...	1	2	1	...	3	...
65	1	...	...	1	1	...	...	5	6	...	...	1	...	...	2	...	...
67	...	2	...	1	...	...	...	5	6	...	8	1	...	...	2	...	...
68	1	...	...	...	1	2	4	5	...	7	...	1	...	1	...	3	...
71	1	...	3	1	1	2	4	5	...	...	...	1	2	1	2	3	4
73	...	...	3	1	1	...	...	5	6	...	...	...	2	1	...	...	4
75	...	2	...	1	...	...	...	5	6	...	8	1	...	...	2	...	...
76	H	2	...	1	...	...	...	5	6	...	...	...	2	1	2	...	4
81	1	...	3	...	1	2	...	...	...	...	...	2	1	...	...	4	...
82	...	2	...	...	...	2	...	...	...	7	8	1	...	...	...	3	...
91	H	...	3	1	...	...	...	...	6	...	...	...	2	1	...	...	4

CHIEF ENGINEER'S OFFICE,
WORCESTER FIRE DEPARTMENT.

OFFICE HOURS :

DAILY—9 TO 10 A. M., 2 TO 3 P. M.

1. The Companies are ordered to go to alarms of fire given from boxes as indicated in the annexed table.
2. The Chief Engineer and Insurance Fire Patrol will answer alarms to all boxes.
3. Upon an alarm, all Companies not called to that box will report to their Engine House and remain thirty minutes, unless dismissed by the signal on the bells.
4. Drivers, with their horses, will report the same as other members of the Department. Hose carriages to go in advance of Steamers to which they belong, in all cases.
5. After an alarm has been given, one stroke on the bells will call for the Hook and Ladder remaining in the house.
6. When a first alarm of fire is given, all companies not responding will be governed by Telegraphic signals, viz: two blows upon the engine house gongs and alarm bells will be understood as proclaiming the fire extinguished, and the Companies in attendance at liberty to answer other alarms. Three strokes will constitute a general alarm, and all Companies will report immediately. After a first alarm is given, and before the re-call signal is struck, should an alarm be given from another box, all unemployed first and second alarm Companies will respond. Should another alarm be given from yet another box, previous to the re-call signal being given, all unemployed Companies will respond.
7. When a Telephone Alarm is given from beyond the vicinity of hydrants, Steamers No. 1 or 2 will respond.

S. E. COMBS, *Chief Engineer*,

OFFICE, NO. 10 BIGELOW COURT.

Worcester, March 1, 1881.

RULES AND REGULATIONS OF THE BOARD OF ENGINEERS

OF THE

WORCESTER FIRE DEPARTMENT. .

RULE 1. The Board shall meet at their office on the second Monday of each month, and oftener if necessary, at 8 o'clock P. M., for the transaction of such business as shall come before them, and three members shall constitute a quorum. All meetings of the Board shall be private, unless a majority of the members otherwise determine.

RULE 2. On or before the first Monday in January they shall organize by the choice of a Clerk and Treasurer. And all communications to the City Council, and all orders from this Board to the officers, members and companies for their government, shall be given over the official signature of the Clerk of the Board.

RULE 3. They shall appoint annually, on or before the first Monday in January, a foreman and assistant foreman, an engineer and assistant engineer of Steamer companies, a foreman and assistant foreman of Hose and Hook and Ladder companies, and a foreman of Chemical Engines. They shall at the same time appoint as many permanent drivers, and other permanent employés as the Board of Aldermen shall direct. And any vacancy occurring shall be filled at the next regular or special meeting of the Board.

RULE 4. It shall be the duty of the Board to furnish annually, in the month of December, to the Committee on Fire Department, an estimate of the expenses of the Department for the year next ensuing.

RULE 5. Should the Chief, from any cause, suspend a member from the Department he shall, within three days from the date of such suspension, call a meeting of the Board and report the same, together with the reasons therefor, and the Board shall determine what penalty, if any, shall be imposed.

RULE 6. Special meetings of the Board shall be called by the Chief, whenever he may be requested to do so in writing, by any two members of the Board.

RULES AND REGULATIONS

OF THE

WORCESTER FIRE DEPARTMENT.

In the exercise of the powers conferred upon the Board of Engineers by the statutes of the Commonwealth, and the city ordinance, the following Rules and Regulations are hereby adopted for the government and discipline of the fire department of the city of Worcester.

Members of the force should understand that these Rules and Regulations are not intended to cover every case which may arise in the discharge of their duty. Something must necessarily be left to the intelligence and discretion of individuals; and according to the degree in which they show themselves possessed of these qualities, and to their zeal, activity, and judgment on all occasions, will be their claims to future promotion and reward.

CHIEF ENGINEER.

The Chief Engineer shall have and exercise supreme command at all fires over the engineers, officers and members of the department.

He shall be the chief executive officer of the Board of Engineers, and see that all the orders and regulations of the Board are strictly enforced.

He shall see that proper discipline is maintained and observed by the officers and men, and shall make monthly report of the condition of the several houses, horses, apparatus and equipments to the Board. He shall visit each department house as often as practicable, and inspect the men, horses and equipments, and see that the houses are properly conducted and everything in good order.

He shall, if possible, be at his headquarters daily from 10 to 12 A. M., and 2 to 3 and 5 to 6 P. M., Sundays excepted, and shall issue to the department forthwith all orders emanating from the Board of Engineers.

SUPERINTENDENT OF FIRE ALARM.

The superintendent of fire alarms shall have charge of the fire-alarm telegraph, and be responsible for the care and good condition of the instruments, wires, and property of all kinds belonging to it.

He shall have personal supervision over the operators and line men, see that all rules of the department are enforced, and that everything is done to keep the telegraph in thorough repair and in complete working order.

He shall report monthly to the Board of Engineers the number of alarms and signals given; the damage, if any, to the telegraph; the nature of the work done by the line men and employés for the previous month; and the reports of defective fire-alarm apparatus and his action thereon; and make such suggestions as he may think will add to the efficiency or usefulness of that portion of the department under his charge.

He shall keep an account of all materials issued, and charge them to the special work for which they have been used, and he shall see that at all times supplies in sufficient quantities are kept on hand.

He shall examine, or cause to be examined, each fire-alarm box at least once a fortnight, and oftener if necessary, especially after a severe storm.

He shall attend all alarms of fire with the necessary tools and appliances to repair any break or cross that may be caused by accident or otherwise to the telegraph lines, boxes or other instruments.

Whenever practicable he shall employ such members of the permanent force as shall have been detailed for that purpose by the Board of Engineers to assist in the performance of such work as cannot be done by himself and assistant.

CLERK OF BOARD OF ENGINEERS.

The clerk of the Board of Engineers shall keep, or cause to be kept, a record of all official action of the Board, and the custody of papers connected therewith.

A book alphabetically arranged, in which shall be entered the name of every member of the fire department force, together with his age, residence, number of badge, and company assignment.

A book containing the signatures of all appointees to an agreement to abide by and conform to all the Rules and Regulations established, or which may be established by the Board of Engineers for the government of the department, and that they will be subject to the penalties therein.

Records containing a description of the horses, hose, and apparatus of the department.

Books covering requisitions for supplies, repairs and purchases for the department.

Books containing the monthly expenditures for the department, showing the original appropriations and the balances unexpended.

•A file of all general and special orders issued by the Board.

A file of all agreements made for taking horses for their keeping for winter service.

A file of all agreements made by and between the Board of Engineers and other parties concerning the department.

ASSISTANT ENGINEERS.

Each assistant engineer will be assigned, by the Board, a certain number of companies over whom he shall exercise a direct personal supervision.

He shall be held responsible for the discipline of all companies under his command, and the strict compliance by them with all Rules and Regulations

and report promptly all disobedience of orders, violation of rules, or neglect of duty by any officer or member of the force. He shall visit, at least once a week, each department house under his charge, inspect its condition, and see that the horses, apparatus and equipments are, at all times, in proper condition for efficient service. He shall transmit to the companies under his command, all orders received from the Board or chief engineer, and forward to headquarters all reports, requisitions and communications, with such comments as they require.

He shall instruct the officers and men in all branches of their duty when he deems it necessary. He shall inspect the sleeping rooms, beds and bedding, and see that they are kept neat and clean.

FOREMEN.

The foreman shall have immediate command of his company, and be held responsible for its discipline and condition. At fires, when his apparatus is the first to reach the fire, he shall assume command of the force that may come, until relieved by an engineer; he shall then resume command of his company. He shall report monthly to the Board of Engineers, the names of all members absent at fires or alarms of fire, together with the cause of such absence, and the name of the substitute, if any, who performed the duties of the member absent; also the number of hours the company was in actual service.

ASSISTANT FOREMEN.

The assistant foremen, in addition to their duties as hosemen and ladder-men, shall, in the absence of the foreman, perform all the duties and exercise the authority of the foreman, and be held to a like responsibility.

ENGINEMEN.

Each engineman shall have the care and management of the engine. He must see that it is always kept in good order, and ready for immediate use, with all the necessary supplies. He will be held responsible for its condition in the house and at fires. He shall make such repairs upon his engine in the engine house as he can conveniently. He shall have charge of the engine at fires, shall make connection to the nearest hydrant or reservoir, but shall not disconnect any line of hose to make such connection, without orders from an engineer. After making connection with hydrant, reservoir, or other water supply, and no hose has been attached, he will give notice of the position of the engine by blowing four sharp notes on the whistle, at short intervals, until he attracts attention, or until a line of hose is attached. He will then work the engine until dismissed by the engineer in charge.

When it is evident the engine will not be needed, he will report to an engineer and remain until dismissed, when he will see that the engine is returned to the house and put in readiness to respond to the next alarm.

ASSISTANT ENGINEMEN.

Each assistant engineman shall, under the direction of the engineman, assist in the care and management of the engine, and perform such other duties as may be required by his superior officers; and in the absence of the engineman shall perform his duties and exercise his authority, and be held to a like responsibility.

DRIVERS.

Each driver shall, under the direction of the chief engineer, feed, groom and exercise the horses, at stated hours, and have the care of the house and all of the property of the city contained therein. He will be held responsible for having the horses at all times ready for immediate use, and must not drive them faster than is consistent with the safety of the public, and of the apparatus of the department, and he will be held responsible for any damage caused by him, or carelessness displayed in conveying his apparatus to or from a fire.

Racing to or from fires will not be allowed under any circumstances; and if the apparatus of two or more companies shall proceed to a fire on the same street, they shall do so in single file.

Any driver of the department driving over a line of hose, unless it cannot be avoided, shall be subject to dismissal.

Drivers shall do such other duties as may be required.

CHEMICAL ENGINES.

That portion of the force employed on chemical engines shall be subject to the same rules as other officers and members of the department, so far as said rules are applicable.

MEMBERS.

The members of the several engine, hose, and hook and ladder companies shall, whenever a fire breaks out in the section of the city to which they are assigned for duty, repair promptly to the place of the fire in as orderly a manner as may be, and exert themselves in the most efficient manner possible, in working and managing the engines, hose, hooks and ladders, and other apparatus, and in performing any duty that may be required of them by an engineer or officer in command; and they will be subject to a fine for any failure to report for duty with their company. They shall remain on duty until relieved by orders to return, which shall be given only by the officer in command, when they shall repair to quarters and answer to roll-call, when they shall be dismissed.

The members of companies, whose apparatus does not respond to the first alarm, shall assemble at their respective stations, and wait thirty minutes before calling the roll. Should the re-call be sounded within thirty minutes, the roll shall not be called in less than twenty minutes from the first alarm.

Members of the several companies of the department, call as well as permanent, must remain in their respective districts when a fire is in progress in

any other district, unless the apparatus to which they are attached is called thither. The necessity for this requirement must be evident, in view of the possibility of two or more fires occurring at the same time in different parts of the city.

HORSES.

The chief engineer shall have general supervision and direction in the care and management of all the horses belonging to the department; causing such medical and surgical attention as may be required.

All horses of the department will be numbered, and a record kept at headquarters of the same, and all communications concerning them must note the *number*.

All horses of the department shall be exercised daily, when the weather permits, excepting upon those days when they are called out upon an alarm of fire. In exercising they are not to be taken beyond the radius of an eighth of a mile from their respective houses. The board of engineers will determine for each company in their respective districts the proper hours for exercising, having in view the health of the horses and the proper protection of the city.

On Sundays, and at times when sufficiently exercised by recent responses to alarms of fire, and stormy weather, also very bad going, the exercise may be omitted at the discretion of the driver in charge.

ORGANIZATION OF THE FORCE.

The officers of the Fire Department shall take rank in the following order:

CHIEF ENGINEER,
SUPERINTENDENT OF FIRE ALARMS,
ASSISTANT ENGINEERS,
FOREMAN,
ASSISTANT FOREMAN.

No person shall be appointed in the department force unless:

- 1st. He has never been convicted of crime.
- 2d. He is less than forty-five years of age.
- 3d. He is of good health, and sound in body and mind.
- 4th. He is of good moral character and habits.

Applicants for appointment will be required to fill out the blank form furnished for that purpose.

Every officer and member before entering on his duties shall sign an agreement to be deposited with the Board, that he will abide by and conform to all the rules and regulations established, or which may be established by said Board, for the government of the Fire Department, and be subject to the penalties named therein.

No person shall be eligible for reappointment to any service, either as substitute or otherwise, who has been discharged from the department for cause, except in the manner prescribed by the ordinance governing the Fire Department.

DISCHARGES AND RESIGNATIONS.

Whenever any member of the permanent force resigns his position, he shall forward a written communication to the Board of Engineers (giving two weeks' notice), which shall be duly endorsed by the Assistant Engineer in charge of the company to which he is attached. Other members of the force can resign by giving notice to the foreman.

Whenever charges are pending against a member, the Board will not entertain any request for a resignation from said member.

Whenever any member of the department resigns or is discharged, or in any way vacates his office, he shall surrender to the Chief Engineer all the property in his possession belonging to the department, before he receives payment of the sum due him for services in the department.

CHARGES AND PUNISHMENT.

Violations of any of the Rules and Regulations of the Board may be punishable by reprimand, fine, suspension or dismissal; and it is made the duty of all officers and members of the department to take notice of any such violations, and prefer charges against the person violating, forwarding them through the regular channels.

Charges may be drawn on either of the following offences, to wit:

Intoxication.

Neglect of duty.

Violation of rule No. ———.

Absent without leave.

Disrespect towards a commanding officer.

Conduct prejudicial to good order.

Cowardice and shirking duty at fires.

Neglecting or refusing to pay a debt for uniform clothing, or for rent, or necessities of life.

And the specifications, one or more, will contain a simple recital of the facts and circumstances which make up the offence; also the fact of any prior charges having been preferred against the member.

Complaints against superior officers may be made by members of the force personally or by letter to the Board.

Any member of the department who being under charges, shall, either before trial or judgment, cause any person to interfere personally or by letter in his behalf with any of the Engineers, shall be reported to the Board, and thereupon be tried on the charge of conduct unbecoming a member.

No counsel will be allowed either for the complainant or defendant.

Judgments of the Board of Engineers, fining, reprimanding or discharging any member of the force shall be in writing, and the substance thereof read at the next roll-call of the Company.

CLASSIFICATION OF MEMBERS.

There shall be two classes of members in the department:

Those permanently employed and known as the "Permanent Force."

Those who are to answer bell alarms, and known as the "Call Force."

Each member of the permanent force shall give his entire time to the interests of the department, and shall always be at or near the engine house where he is employed, except when assigned by the Board or Chief Engineer to other duty, or on leave of absence.

LEAVE OF ABSENCE.

All applications for leave of absence from officers or members permanently employed will be decided by the Chief Engineer, and must be made, if possible, twenty-four hours in advance, with the reasons for making the request; and the name of a substitute must accompany applications from company officers and members for approval by the Chief, and the substitute shall be on duty before the applicant leaves his post.

No officer of the call force shall leave the city without first notifying the Chief Engineer, and procuring a substitute to his acceptance; and any other member of the call force expecting to be absent shall be required to procure a substitute, subject to the approval of his foreman; failing to do which he will forfeit one month's pay.

Whenever any member of the force finds himself too ill to do duty, he must at once notify the foreman in charge of that company of the fact, and the foreman will employ one of the regular substitutes of the company, or if he cannot be had, some other suitable person to act, and report the fact to the Board of Engineers.

Each member of the permanent force will be entitled to seven days vacation annually without loss of pay, this time to include one of the "days off" of the member; the arrangement of the time for the several members will be made by the Board of Engineers.

Officers and members of the permanent force, while on leave, will be held accountable for their conduct, whether in uniform or not, and if in uniform, strictly so.

HOSE.

All the hose in the department shall be numbered, and a record kept in each company of the amount on hand, showing the number, kind and length of each piece, and all communications concerning the same must be made by number, and any transfer from one company to another (temporarily or otherwise), the acquisition by purchase or issue, the loss by fire, by being turned over, or by any other cause, must be at once reported to headquarters by special report, by the member in charge.

On the first of December, annually, each company shall forward to headquarters a statement of the hose on hand, giving each piece, number, kind and length.

Whenever a piece of hose is burst, or injured, report must be made at once as per form issued for that purpose.

Particular attention is called to the proper care of the hose, which must be done subject to the direction of the chief or assistant engineer.

SUBSTITUTES.

Upon the appointment of a substitute he shall obligate himself to abide by, and to conform to, all the rules and regulations during his active service which govern the force, and be subject to all the penalties therein, and perform such duties as may be prescribed by the officers in command.

DUTIES OF DETAILED MEMBERS.

All work necessary in the department, or on the property in use in the department, will be done by the permanent members as far as practicable, and details will be made from one company to another for that purpose.

UNIFORM.

All members of the permanent force shall wear the uniform prescribed in orders always when on duty; and at other times when the nature of their work will permit.

All linemen, repairers or employés of the fire alarm branch of the department shall wear when on duty, such badge or distinguishing mark as may be designated by the Board of Engineers.

All uniforms and parts of uniforms shall conform strictly to the prescribed orders, and receive an inspection before being worn; and no insignia of office, except the one prescribed, will be worn on any part of the uniform.

The assistant engineers will inspect from time to time the uniform of the men in their respective districts, and report to the board of engineers members who continue to wear shabby uniforms or are slovenly dressed.

UNIFORM OF THE PERMANENT MEMBERS

OF THE

WORCESTER FIRE DEPARTMENT.

SECTION 1. The uniform of the permanent members of the fire department shall consist of overcoat, coat, vest, pantaloons, shirt, fatigue cap, and badge, made in accordance with the following named material and pattern :

OVERCOAT.

SEC. 2. For the Chief Engineer, a double-breasted frock coat, with rolling collar, made of dark blue Middlesex cloth, pure indigo dye; in length to reach two inches below the knee; cut to button close to the neck, with five regulation buttons of white metal on each breast, three on each skirt behind, and three of small size on each sleeve at the cuff. One large outside pocket on each skirt, and a small one on the left breast to be covered with lappels—inside pockets optional. Skirts and back to be lined with blue flannel, the sleeves to be lined with linen. For all others, same as Chief Engineer, except that there will be but two buttons on each skirt behind and two on each sleeve at the cuff.

UNDER COAT.

SEC. 3. For Chief Engineer, a double-breasted close-fitting sack coat of dark blue Middlesex cloth, pure indigo dye, cut to button close to the neck, with rolling collar; to have five department buttons of white metal on each breast and three on each sleeve at the cuff; pockets optional. The length of the coat to be to the ends of the fingers when standing erect. Coat to be lined with black lasting, and sleeves to be lined with linen. For all others, the same as for chief Engineer, except that there shall be but two buttons on sleeve at cuff.

FOR SUMMER WEAR.

Officers and men will be permitted to wear in summer a coat cut in the same style as the above, except that it be single-breasted, made of dark blue flannel, pure indigo dye, without lining.

VEST.

SEC. 4. For Chief Engineer, a single-breasted vest made of same cloth as under-coat, without collar; to have six small department buttons of white metal. For all others, same as the Chief.

PANTALOONS.

SEC. 5. For Chief Engineer and all others, made of the same material as under-coat and vest, the outside seams to be a welt seam; to fit close around the waist, but loose around the thighs and legs, to admit of their free use.

SHIRTS AND CRAVATS.

SEC. 6. For Chief and Assistant Engineers, white linen, muslin or of blue flannel, double-breasted, with narrow rolling or standing collars.

For other members of the department, a double-breasted shirt, made of dark blue flannel, with white pearl buttons, and rolling collar of same material as shirt. A black silk cravat to pass once around the neck and tie with a double bow and flat knot in front, the ends to extend not more than three inches from the knot. Except in the months of June, July, August and September they will wear a white shirt.

FATIGUE HAT AND CAP.

SEC. 7. For Chief Engineer, black, soft hat, similar to what is known as a Grant Hat. It shall have a black and gold cord with gold acorns and wreath indicating position.

For Assistant Engineers same as that of Chief Engineer except that the acorns upon the cord are black.

All others to be a cap made of dark blue cloth same as uniform coat, of the United States Navy pattern, with a plain solid black patent leather vizor two inches wide with rounded corners; top seven inches wide and seven and one-half to eight inches long; band one and one-half inches wide; quarters one and three-quarters inches high; lining of red leather, to be sewed into the seam of top and quarters, a narrow welt around the bottom of band and also around the top seam of cap; inner band to be of strong, serviceable leather; chin strap of black patent leather, one-half inch wide; one small regulation button on each side of cap; with wreath indicating the position in the department and the number of company to which the wearer belongs. Said uniform to be worn at all times except when absent from duty or cleaning up. Cap to be enveloped in bad weather only.

SEC. 8. The purchase of the regulation uniform by the assistant engineers and members of the department, not doing permanent duty, shall be optional, but its general adoption by every member of the department, so far as is practicable, is requested.

RULES AT FIRES.

RULE 1. The Chief Engineer shall have supreme command at fires.

RULE 2. In the absence of the chief, the assistant engineer next in rank shall take command, but when the chief is present the senior assistant engineer shall exercise no authority over the other members of the board.

RULE 3. The officer in command only shall relieve companies. Engineers having them in charge shall direct their foremen to report to the officer in command when their services are no longer required.

RULE 4. No engineer shall interfere with, or attempt to give orders relative to, the location or use of a line of hose when he has ascertained that another has command of it, unless by consent of the engineer in charge of it, or by orders of the officer in command at the fire, and it shall be his duty to inquire whether there is an engineer in charge.

RULE 5. In the absence of the chief and assistant engineer, the foreman or assistant foreman first on the ground shall command until the arrival of a superior officer.

RULE 6. On second alarms commanders of hose companies shall not lay their line until they report to an engineer, unless it appears certain that their services will be needed; they will order connection made with the nearest hydrant before reporting.

RULE 7. Commanders of hook and ladder companies shall not permit their carriages to come within one hundred feet of the fire before reporting to the officer in charge.

RULE 8. All call members or substitutes sleeping in the department houses shall aid and assist the driver in his work at alarms of fire.

RULE 9. In responding to alarms of fire no person other than members of the fire or protective department will be permitted to ride on any of the fire apparatus, and on rising ground or bad going they shall dismount and assist in forwarding the same.

RULE 10. The number allowed to ride, in addition to the driver, shall not exceed three in the tender and four on the hose carriage; on the ladder carriages not exceeding six; on the chemical engine three with the driver.

RULE 11. Riding on the apparatus when returning from an alarm of fire is prohibited except that the engineman, or his assistant, may, if necessary, remain in the tender to do such work as may be required to be done; also members of the department who may have been disabled while on duty. Members will form in a single or double file, either on the sidewalk or street, and walk abreast of their apparatus in returning from a fire.

RULE 12. Members in charge of engines at fires will never allow the water pressure to exceed eighty pounds unless specially ordered to do so by the chief or any assistant engineer.

RULE 13. While on duty at fires the greatest degree of silence compatible with the efficient discharge of duty will be required, and noisy conversation or boisterous conduct will be considered a breach of the rule.

RULE 14. Special report must be made to the board, by the foreman, of the absence of any member under his charge, from alarms of fire, giving the date and cause of such absence. This report will be made monthly.

RULE 15. Whenever at a fire the services of members are not actually required, they shall remain at or near their apparatus unless otherwise ordered, and they will bear in mind that in service they are working for a common cause, and that wherever useful, under command of an engineer, there is their place of duty.

It is expected that they will be courageous without recklessness, and strictly obey all orders of superiors; and cowardice, shirking of duty, or disobedience of orders at fires will be looked upon as grave offences, and will be followed by immediate suspension or dismissal from service.

Any of the foregoing rules may be repealed, altered or amended by vote of a majority of the board of engineers, subject to the approval of the Mayor and Aldermen. Notice of the same having been given in writing of such intention at a previous meeting.

Adopted by the Board.

WILLIAM BROPHY, *Clerk.*

ENGINEER'S OFFICE, Feb. 26, 1882.

WORCESTER FIRE ALARM TELEGRAPH.

ESTABLISHED 1871.

NUMBER AND LOCATION OF BOXES.

- No. 4. CITY HALL. Key—Police Office.
- No. 5. TRUMBULL SQUARE. Keys—Drug store, 50 Trumbull street; Kendrick's stable, Trumbull street; 121 Park street.
- No. 6. COR. LAUREL AND EDWARD STREETS. Keys—41 Edward street; corner Laurel and Edward streets; J. L. Baker's stable.
- No. 7. HOSE SEVEN'S HOUSE, LAMARTINE STREET. Keys—Hose house and 42 Lamartine street.
- No. 8. COR. CHATHAM AND IRVING STREETS. Keys—37 Irving street, and 40 and 53 Chatham street.
- No. 9. SCOTT'S BLOCK, FRANKLIN SQUARE.
- No. 12. COR. MAIN AND CHANDLER STREETS. Keys—Continental Hotel; 633 Main street; 34 Chandler street.
- No. 13. WEBSTER SQUARE, STOCKWELL & BARROWS' STORE. Keys—Stockwell & Barrows' store; A. G. Coes' counting room; Loring Coe's counting room; 10 Webster street; 1059 Main street.
- No. 14. STEAMER THREE'S HOUSE, SCHOOL STREET. Keys—Steamer house, and 17 and 73 School street.
- No. 15. WASHBURN & MOEN MANUFACTURING COMPANY'S YARD. Key—Company's office.
- No. 16. COR. SOUTHBRIDGE AND SARGENT STREETS. Keys—Sargent's counting room; Junction shop engine room; railroad depot.
- No. 17. COR. MAIN AND FOSTER STREETS. Keys—359 Main street; Lincoln House; Waldo House.
- No. 18. COR. LINCOLN AND CATHARINE STREETS. Keys—108, 109 and 118 Lincoln street.
- No. 19. COR. NORTH AND GROVE STREETS. Keys—157 and 187 Grove street; 1 North street; 188 Prescott street.
- No. 21. COR. MAY AND MAIN STREETS. Keys—842 Main street; 9 May street; 7 Hammond street.
- No. 23. UNION STREET, RICE, BARTON & FALES' FOUNDRY. Keys—Rice, Barton & Fales' office; Chas. Baker & Co.'s office; Headquarters Bigelow court.
- No. 24. SOUTHBRIDGE STREET, CHANDLER & CARR'S STORE. Keys—Chandler & Carr's store; Adriatic mill; Drug store; 468 Southbridge street.
- No. 25. SALISBURY STREET, NEAR GROVE. Keys—Witherby, Rugg & Richardson's counting room, and 21, 26 and 56 Salisbury street.

No. 26. COR. PORTLAND AND MADISON STREETS. Keys—96 Portland street and 104 Southbridge street.

No. 27. COR. PLEASANT AND WEST STREETS. Keys—4 West street and 143 Pleasant street.

No. 28. COR. MILLBURY AND WORTH STREETS. Keys—62, 63, 64 and 109 Millbury street.

No. 31. COR. MAIN AND RICHARDS STREETS. Keys—7 Beaver street and 978 Main street.

No. 32. COR. EXCHANGE AND UNION STREETS. Keys—D. W. Pond's shop; Merrifield's engine room; 78 Exchange street.

No. 34. GREEN STREET, FOX'S MILL. Keys—Counting room; Crompton Loom Works; 6 Vernon street; 27 Millbury street.

No. 35. COR. WINTHROP AND VERNON STREETS. Keys—49, 63 and 65 Vernon street.

No. 36. COR. FRONT AND SPRING STREETS. Keys—134 Front street; 9 Trumbull street; Waverly House.

No. 37. COR. HIGHLAND AND NORTH ASHLAND STREETS. Keys—55 Highland street and 64 North Ashland street.

No. 38. SALISBURY STREET, NEAR MILITARY ACADEMY. Keys—C. B. Metcalf's; Dr. Merrick Bemis'; John B. Pratt's; Chas. Baker's.

No. 41. COR. THOMAS AND SUMMER STREETS. Keys—Drug store, 93 Summer street; 1 Prospect street; 92 and 117 Thomas street.

No. 42. COR. SOUTHBRIDGE AND CAMBRIDGE STREETS. Keys—Crompton carpet mill, and 502 and 513 Southbridge street.

No. 43. QUINSIGAMOND WIRE MILL. Keys—Wire mill and Benjamin Booth's house.

No. 45. COR. SHREWSBURY AND PINE STREETS. Keys—102, 114 and 199 Shrewsbury street.

No. 46. HOSE TWO'S HOUSE, GRAFTON STREET. Keys—Hose house; T. K. Earle's counting room; Washburn's foundry, Grafton street; J. H. & G. M. Walker's office.

No. 47. COR. BELMONT STREET AND OAK AVENUE. Keys—60 Belmont street; 18 Oak avenue; 30 Liberty street.

No. 48. COR. SOUTHGATE AND CAMP STREETS. Keys—72, 87 and 89 Southgate street.

No. 51. LINCOLN SQUARE. Keys—11 Main street; 16 Lincoln square; Exchange Hotel.

No. 52. PRESCOTT STREET, A. P. RICHARDSON'S SHOP. Keys—Counting room; Ames Plow Co.'s office; 16 Prescott street.

No. 53. COR. PROVIDENCE AND HARRISON STREETS. Keys—56, 57 and 76 Providence street, and Worcester Academy.

No. 54. COR. AUSTIN AND NEWBURY STREETS. Keys—Grocery store, corner Austin and Newbury streets; 112 and 113 Austin street.

No. 56. COR. WILLIAM AND CHESTNUT STREETS. Keys—33 Chestnut street; 1 Harvard street; Extinguisher house, John street.

No. 57. HERMON STREET, TAYLOR & FARLEY'S FACTORY. Keys—Counting room; J. S. Wheeler & Co.'s; drug store, 725 Main street.

No. 58. COR. WOODLAND AND KING STREETS. Keys—1 Woodland street; 35 King street; boot shop, 60 King street.

No. 61. GARDNER STREET, FOREHAND & WADSWORTH'S SHOP. Keys—Forehand & Wadsworth's office; store, Canterbury street; 4 Hollis street; 29 Wyman street; 71 Southgate street.

No. 62. ORANGE STREET, OPP. PLYMOUTH. Keys—Corner Orange and Plymouth streets; 74 Orange street; 41 Plymouth street.

No. 63. WASHINGTON SQUARE. Keys—Union station; 295 Front street; Arcade foundry.

No. 64. COR. GRAFTON AND BARCLAY STREETS. Keys—143 and 153 Grafton street; Stowe & Co.'s boot shop.

No. 65. ELM STREET, OPPOSITE LINDEN. Keys—22 and 46 Elm street.

No. 67. HOSE SIX'S HOUSE, PLEASANT STREET. Keys—Hose house; 240 Pleasant street; 4 Winslow street.

No. 68. COR. BLOOMINGDALE ROAD AND NORFOLK STREET. Keys—Graton & Knight's tannery, and B. & A. engine house and freight house.

No. 71. COR. MAIN AND CENTRAL STREETS. Keys—Harrington Bro.'s stable, and W. S. Green's stable, Central street; 249 and 265 Main street; Bay State House.

No. 73. COR. WACHUSETT AND DIX STREETS.

No. 75. COR. MAY AND WOODLAND STREETS. Keys—30, 32 and 37 May street; 81 Woodland street.

No. 76. COR. WILLIAM AND WEST STREETS. Keys—30 West street and 48 William street.

No. 81. CITY FARM. Key—Police office.

No. 82. COR. CAMBRIDGE AND PITT STREETS.

No. 81. COR. WEST BOYLSTON AND MILLBROOK STREETS.

INSTRUCTIONS TO KEY-HOLDERS.

1. Alarms should be given from the box nearest the location of the fire.
2. Upon the discovery or *positive* information of a fire, you will unlock the box, pull down the slide or hook *once* only and let go. This will give the desired alarm all over the city, repeating itself four times. After giving an alarm, always remain by the box until the arrival of the Department, so as to direct them as to the location of the fire.
3. Each box contains a small bell, which, if heard before you pull the hook indicates that the alarm has been previously given from another box; in such cases *do not* pull the hook until you are sure the alarm has been completed.
4. NEVER SIGNAL FOR A FIRE SEEN AT A DISTANCE; never touch the hook except to give an alarm of fire. Give an alarm for no cause other than actual fire.
5. Alarm bells are located:—First Unitarian Church, Court Hill; First Baptist Church, Salem Square; Bell Tower, corner Pleasant and Oxford streets; Steamer Two's House, Beacon street; Hose Two's House, corner Grafton and Providence streets; Pleasant Street Engine House; School-house, Webster Square. Also Steam Gong at Grove street Wire Mill.
6. Never let the key go out of your possession unless called for by the Superintendent of Fire alarm telegraph. If you change your residence or place of business where the key is kept, return it to him at

HEADQUARTERS, No. 10 BIGELOW COURT.

ANNUAL REPORT

OF THE

COMMITTEE ON WATER.

To the Council of the City of Worcester :—

In conformity with an ordinance of the city, the *Joint Standing Committee on Water* submit their report with those of the *Water Commissioner, Water Registrar* and *City Engineer*, for the year ending *November 30th, 1882.*

WATER SUPPLY.

The supply of water the past year was hardly adequate to the demand, but of good quality. The quantity stored in Lynde Brook Reservoir on the thirteenth day of November was twenty-six million gallons less than at a corresponding date last year. The question of an additional supply of water has occupied much of the attention of the committee, and their report, with recommendations, which was presented to the City Council, and accepted November 13th, 1882, was made after careful consideration, and to which nothing of an important nature can be added. We refer to the report of the City Engineer to this committee on the matter of surveys and estimates of cost of necessary dams, laying pipes, etc.

The continuous dry weather of last season, accompanied with excessive use of water, reduced the supply stored in the reservoir to such an extent that the committee publicly requested the citizens to dispense with the use of hose upon their grounds, which request was cheerfully complied with.

THE DEPARTMENT.

A great amount of work has been done by the department during the last year, including important operations, such as

cleaning the shores of the basin of Bell Pond Reservoir, the extension of main pipes to Northville, the laying of high service pipes through Front and Main streets to Park, the high service carried to the Lunatic Hospital, a new main in Lovell street, and the relaying of main pipe and making new connections in Summer street.

Breaks have not been so frequent, there being thirty-three less than the previous year, which is a cause for congratulation. The most serious damage occurred from the breaking of the high service on Cambridge street, where the pipe was for some distance on a temporary structure during the change of street grade by the highway department.

RESERVOIRS.

The reservoirs have been visited by the committee during the year, and the condition of Lynde Brook Reservoir and surroundings has been materially improved. Five thousand dollars was expended in removing vegetable matter from the basin of Bell Pond, and favorable results gained thereby, but to effectually render this reservoir free from the accumulation of years would involve a large outlay. The property, consisting of two houses and land adjacent to the basin, has been purchased by the city. The houses will be removed before April, 1883, the land cleared, and the water-shed improved, insuring a better quality of water.

For details of the working of construction and maintenance branches of this department, we refer to the accompanying reports of the Water Commissioner and Water Registrar.

In closing this brief report, the committee are unanimous in the recommendation that the City Council, at the earliest meeting possible, take action in the matter of the introduction of water, as presented in the report of this committee to the Council, November 13th, 1882.

CHAS. G. REED,
LORING COES,
E. O. PARKER,
THOS. TALBOT,
BENJ. BOOTH,
JOHN G. BRADY, }

*Joint
Standing Committee
on Water.*

Worcester, December 18th, 1882.

REPORT

OF THE

WATER COMMISSIONER.

To the Joint Standing Committee on Water :

GENTLEMEN :—I respectfully present the following report for the year ending November 30, 1882.

The quality of the water in Lynde Brook Reservoir has been good. In the unusually hot and dry weather last summer the daily loss was so large, and the use of hose so excessive, that measures were taken to prevent unnecessary use and waste.

In August, people were requested to limit the use of hose for sprinkling streets and lawns to the hours fixed by the ordinance, and later they were requested to cease the use of hose until October, which requests were generally complied with.

The record of the daily height of the water, as given in Table A, shows a small overflow over the top of the flash-boards from May 21 to June 7, and a gradual loss from this time to November 30, when the quantity on hand was two hundred and forty-one million gallons—about fifty days' supply, twenty-six million gallons less than at the same time last year.

The amount of snow-fall recorded was 36.69 inches, 4.48 inches less than that of the previous year.

Through the efforts of His Honor Mayor Stoddard, a number of land-locked salmon were procured from the Massachusetts Fish Commissioners last spring and placed in the reservoir.

The clearing of the land and extending the wall around the reservoir has been continued as in previous years.

BELL POND.

This reservoir is a natural basin, surrounded by a steep watershed, with a public highway on one side. The bottom was covered with the accumulation of years, a part of it evidently carried there by the heavy rains in the spring and fall, and a part of it a vegetable growth from the bottom, which in decomposing became detached from the bottom and was carried around in the water by the wind; in addition to this, with low water in the summer, the quality was very poor, causing annoyance to our citizens by stoppage in pipes and house fixtures, and by offensive odors when drawn from here in large quantities, as is frequently done.

After careful examination by the committee, they decided to clear that part of the bottom usually exposed at low water. The shore has been cleared to a point four feet below the outlet pipe, greatly improving the appearance of the reservoir, and there can be no doubt the quality of the water will be better than formerly. There is only a little stored here now, owing to the light rain-fall since the work was completed.

The coffer dam, built at the easterly end of the reservoir to retain the water from Putnam Meadow while the work was being done, was made into a temporary filter for the outlet to the Lunatic Hospital. The expense of the work done was \$4,826.05.

Another cause for complaint was the drainage from the two houses at the westerly end of the reservoir going into the water. This land has been purchased by the city, the buildings to be removed next spring, when the land will be cleared.

FINANCIAL RESOURCES.

Appropriation,	\$47,500 00
Transfer from other sources,	11,500 00
Revenue received for labor and materials,	24,650 00
	<hr/>
	\$83,650 00

EXPENDED.

For Pay roll, labor,	\$17,181 04
Salary and clerical labor,	2,238 67
Engineering,	345 82
Meters and brass work,	10,717 20
Hydrants and valves,	3,446 79
Castings,	1,284 12
Pipes and fittings,	4,047 67
Cast iron pipes,	35,589 45
Lead pipe and lead,	1,858 46
Blacksmithing,	389 68
Hardware and tools,	176 87
Freight and express,	2,686 74
Lumber,	297 05
Paving,	281 87
Printing,	20 25
Coal,	36 56
Powder and fuse,	111 95
Packing,	93 29
Land at Bell Pond,	1,500 00
Miscellaneous, as per Auditor's books,	428 46
Balance unexpended,	918 72
	<hr/>
	\$83,650 66

Bills for materials and labor have been rendered to the Treasurer to the amount of \$26,110.91. Uncollected November 30, \$3,747.79.

The appraised value of stock and tools on hand November 30, as per inventory, is \$32,843.71.

Early in the year petitions for extension of mains were presented, the granting of which required a large expenditure from the appropriation for construction, so that nothing has been done towards relaying any of the streets with cast iron pipes, or making any of the changes frequently mentioned in former reports.

Main pipe has been laid in all streets where ordered by the City Council, except in Canterbury and Litchfield streets, as the required guarantee was not given by the petitioners.

A temporary pipe has been laid for Litchfield street, the expense charged to the parties.

A main has been laid through Grove and West Boylston streets to Northville and hydrants connected.

In Lovell street two thousand nine hundred and ten feet of eight-inch pipe was laid.

A sixteen-inch pipe, connected with the high service at Washington Square, has been laid through Front to Main street, and a twelve-inch in Main street from Front street to the southerly side of Park street and hydrants set.

By vote of the Committee, the use of water from this line is limited to elevators and for fires.

High service has also been laid through Belmont street from the corner of Eastern Avenue to the State Lunatic Hospital, the State paying the expense from Bell Pond to the Hospital. A connection has been made from this pipe to Bell Pond, so this reservoir can be filled from Leicester when necessary.

The number of feet of new pipe laid is eighteen thousand four hundred and sixty-nine, the number of feet laid for the Hospital three thousand eight hundred and ninety-seven, making number of feet extension of mains this year twenty-two thousand three hundred and sixty-six.

The change in grade and location of Summer street made it necessary to change the pipe.

An eight-inch pipe was laid from Lincoln Square to Washington Square, in place of the four and six-inch formerly in use. By order of the City Council, five thousand dollars of the expense was charged to the account of Street Construction.

The twelve-inch cement pipe in Front street was broken when the sewer was laid, two hundred and twenty-one feet of twelve-inch cast iron pipe has been laid to replace it.

The number of feet of pipe re-laid is three thousand eight hundred and eighty-seven.

The number of miles of pipe now laid is eighty-five.

In Table B will be found the name of street and length of pipe laid this year.

The number of new services laid is three hundred and seventy-seven. Number of feet of service pipe laid is nineteen thousand five hundred and ninety; seven thousand eight hundred and fifty-eight feet at the expense of the city, and eleven thousand six hundred and thirty-two feet at the expense of individuals.

Table C shows the number of miles of service pipe and number laid each year.

There has been laid for temporary use, beyond the street mains, six thousand and seven feet of pipe of one and two-inch diameter, the labor being charged to parties supplied.

There have been one hundred and eighty-one services cleared out, most of the trouble being at the connection with the main pipe.

The number of new meters set is four hundred and seventy-six.

The number of new hydrants set is thirty-one, located as follows :

Canterbury street, east of Gardner street.
Channing street, corner Mt. Vernon street.
Claremont street, corner Silver street.
Front street, corner Main street.
Front street, corner Salem square.
Front street, corner Warren street.
Grove street, north of Wire Mill.
Grove street, corner North street.
Grove street, corner Park avenue.
Grove street, near J. E. Wakefield's.
Grove street, near L. R. Hudson's.
Hamilton street, corner Plantation street.
Hollywood street, between Decatur and Barbour streets.
Lovell street, near Perry Thayer's.
Lovell street, north of Lyon driveway.
Lovell street, near James Wilmouth's.
Lovell street, corner O. B. Hadwen's.
Main street, corner Park street.
May street, west of Park avenue.
Maywood street, corner Florence street.
Montague street, corner Leicester street.
Oberlin street, corner Hollywood street.
Southgate street, between Gardner and Grand streets.
Wade street, corner Millbury street.
Wade street, corner Ward street.
West Boylston street, corner Grove street.
West Boylston street, corner Millbrook street.
West Boylston street, near E. R. Morse's.
West Boylston street, front of house of Joseph Stone.
West Boylston street, front of house of G. W. Mann.
Woodland street, corner Claremont street.

All of the hydrants have been examined as usual. Sixteen

have been changed, seventy-one old boxes have been replaced with new.

Eighty-three gate and forty-one stop boxes have been replaced.

The number of leaks repaired was one hundred and five. On cement-lined pipe fifty-seven, on cast iron pipe eighteen, on service pipe twenty-seven, hydrants one, gates two.

Respectfully submitted,

FRANK E. HALL,

Water Commissioner.

WORCESTER, December 18, 1882.

TABLE B.
LENGTH AND SIZE OF PIPE LAID AND NUMBER OF GATES AND HYDRANTS PUT IN DURING THE YEAR.

STREET.	WHERE FROM.	PIPE. Size. Lgth in ft.	No. of Hydnts.	No. of Gates.	COST.
Belmont Street, Canterbury Street, Channing Street, Claremont Street, Front Street, Grove Street, Grove Street, Grove Street, Hamilton Street, Harrison Street, Hollywood Street, Lovell Street, Main Street, May Street, Maywood Street, Milbrook Street, Montague Street, Oberlin Street, Southgate Street, Therinus Street, Wade Street, West Boylston Street, West Boylston Street, Woodland Street, Wor. Lunatic Hospital.	From Eastern Avenue to Bell Pond Gate House. " Washington Square to Main Street. " West Boylston Street west. " Wire Mill to West Boylston Street. " Penn Avenue to Barclay Street. " Coes Square to O. B. Hadwen's. " Front st. to So. side of J. G. Clark's block. " Park Avenue westerly. " Florence Street westerly. " West Boylston Street east. " Leicester Street. " Stebbins Street to Snyder Court. " Ward to Millbury Street. " Grove Street to G. W. Mann's. Belmont Street from Bell Pond to Meter House. From Belmont Street to Buildings.	12 16 4 6 8 4 8 12 8 4 4 4 6 4 4 4 6 10 8	1 1 1 3 1 1 1 1 1 1 1 1 1 1 2 3 2 1	2 7 1 2 1 1 1 2 1 1 1 1 1	\$5,831 46 9,940 87 7,909 71 349 50 4,252 13 1,862 19 732 06 226 75 166 63 877 05 354 78 458 67 2,557 54 \$35,519 34
Front Street, Summer Street,	From Washington Square to Hibernia Street. " Lincoln Square to Washington Square.	12 8	1 11	2	691 54 7,946 78
	PIPE RE-LAID.	22,366.	31	20	\$85,519 34
		221. 3666.	1 11	2	691 54 7,946 78
		3887.	12	2	8,638 32

TABLE C.

SERVICE PIPE LAID TO NOVEMBER 30, 1882.

	LAID FOR CITY.		LAID FOR INDIVIDUALS.		No.
	Feet.	Miles.	Feet.	Miles.	
Prior to 1865	3,800.	.719			129
1865	5,979.83	1.132	3,538.67	.672	207
1866	8,592.39	1.627	7,930.95	1.502	284
1867	11,231.46	2.127	12,938.01	2.45	388
1868	13,237.24	2.507	11,343.59	2.148	504
1869	17,958.14	3.401	12,855.87	2.435	673
1870	11,403.95	2.160	11,562.01	2.19	581
1871	10,089.36	1.911	9,149.6	1.733	504
1872	7,444.75	1.41	6,811.	1.29	357
1873	6,004.91	1.137	7,241.	1.371	315
1874	4,773.83	.904	6,209.5	1.138	231
1875	4,171.25	.79	5,568.75	1.055	215
1876	2,368.	.448	2,345.17	.444	104
1877	2,976.33	.564	3,679.67	.697	147
1878	3,207.33	.607	3,354.66	.635	151
1879	3,790.08	.718	4,355.33	.824	181
1880	5,237.5	.972	6,132.91	1.161	229
1881	6,394.33	1.211	7,872.66	1.49	331
1882	7,858.	1.488	11,632.17	2.203	377
	136,518.68	25.853	134,521.52	25.438	5.908

T A B L E D .

LENGTH AND SIZE OF PIPE LAID AND NUMBER OF GATES AND HYDRANTS PUT IN TO NOVEMBER 30, 1882.

	2 inch.	3 inch.	4 inch.	5 inch.	6 inch.	8 inch.	10 inch.	12 inch.	16 inch.	18 inch.	20 inch.	24 in	Miles.	Gates.	Hyd'ts
Prior to 1864															
1864			19,697	2,822	12,674	5,159		7,166	13,309	1,980	1,056		7,642	35	152
1865	144		4,197		3,744	63		886	2,255				5,968	12	65
1866	982		8,946		6,259	5,769	3,455		2,915				5,248	49	65
1867	2,564		10,211		1,624	11,266			2,915		273		5,165	42	36
1868	2,194.8	3,487.	8,964		2,197	8,402		1,474	1,374				5,39	57	56
1869	1,540.5	1,540.5	14,585.57		3,206	1,850.5							4,427	47	35
1870	5,129.6	2,312.25	20,428.53		10,642.53	4,102.97	1,004.16	2,725					8,796	109	45
1871	1,469	365.5	14,745		9,335	3,791.5							5,626	64	29
1872	340	345	19,110		10,052	5,690	627						6,849	80	39
1873	421	226	4,420.25		7,307		2,032	2,656	8,916		13,801		7,534	42	9
1874			5,736.75		9,714	5,691		2,845	11,554				6,731	46	35
1875			3,058.91		6,170	5,948		3,724	8,330				5,157	37	26
1876			562		2,257.25	1,150			3,534				1,421	49	28
1877			1,122.25		140.75			4,819					1,284	23	19
1878			349.5		919	1,086.5		3,016	1,029				1,222	21	18
1879	211		326		666	2,222		3,197			56		1,254	11	9
1880	311.25		1,173.25		3,337.25	597							1,026	9	11
1881			972.75		3,997.5	1,812		1,045.75					2,6	15	22
1882	334		3,927		5,161.5		5,898	1,711					2,13	28	25
			3,603		2,617	13,236	1,722	2,813	2,262				4,82	22	43
Total, Pipe taken up	14,100.65 409	8,276.25 38	146,135.76 10,400.	2,822 1,335	102,020.78 6,915	77,836.47 1,221	14,837.16 1,839	38,077.75 1,168	55,478 330	1,980	15,186	700	90,29 4.49	798 29	702 12
Total in feet, Miles,	13,691.65 2.59	8,238.25 1.56	135,735.76 25,707	1,487 .282	95,105.78 18.01	76,615.47 14,359	12,938.16 2,435	36,909.75 6.99	55,148 10.44	1,980 .375	15,186 2,876	700 .133	85.80	769	690

REPORT

OF THE

WATER REGISTRAR.

To the Joint Standing Committee on Water :

GENTLEMEN:—I respectfully present the following report for the year ending November 30th, 1882.

Three hundred and sixty-four applications for water were received during the year, and three hundred and seventy-seven service pipes were laid, including twenty-three applied for, but not granted, last year. Ten applications remain to be acted upon next season.

I rendered to the City Treasurer for collection the following bills for water :

For Metered Water	8,805	amounting to	\$82,914 23
Annual Rates	2,150	“ “	16,923 76
Total,	10,955		\$99,837 99

The amount of revenue received from water rates for the financial year was \$92,007.61, and the amount of uncollected bills in hands of the City Treasurer December 1st, 1882, is \$13,106.75.

The amount appropriated to the Sinking Funds from water rates was \$47,638.31.

The water was shut off from the premises of five takers, on account of non-payment of bills, and immediately turned on upon settlement of same. Abatements amounting to \$2,250.85 were made owing to the adjustment of bills from rate to meter assessment, for correction of bills, and in accordance with orders of the committee.

The quantity of measured water furnished during the twelve months ending September 30th, 1882, inclusive of waste and leakage, was as follows :

From October, 1881, to April, 1882,	193,423,794 gallons.
April, 1882, to October, 1882,	227,752,100 "
Total,	421,175,894 "

METERS.

During the year four hundred and seventy-six (476) meters have been placed upon the works, and the total number in use at the present time is four thousand seven hundred and nine (4709), the sizes and kinds of which are given below :

KINDS.	SIZES.								
	$\frac{5}{8}$	$\frac{3}{4}$	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.	8 in.
Union, Piston,	1,487	296	62	6	15	...	1	...	..
Union, Rotary,	1,761	73	33	19	56	12	3	1	1
Desper,	824	34	2	...	...	...	...	...	...
Gem,	11	...	1	...	1	...	3	...	...
Worthington,	...	3	...	...	...	...	...	...	...
Crown,	3	...	...	...	1	...	...	...	...

The results which have been derived from the meter system have been alluded to in former reports, and the large number of meters upon our works serve as an argument favorable to the sale of metered water. In many cities there is a fixed minimum rate which secures a revenue sufficient to properly conduct the department. Objections were raised to the adoption of such a measure in this city not long since by members of the Council, on the ground that its application would make water more expensive to the poorer class of the inhabitants. The records of water departments prove this a fallacy, and should an annual minimum rate of five dollars be assessed each water taker, the tax could not consistently be deemed oppressive. When the benefits which are received by the taker are duly considered, or,

in other words, when the value of an article delivered is greater than the price asked for it suggests, no heavy burden is laid upon the citizen when assessed five dollars for the yearly use of water. The fact that a certain per cent. of water passes through a meter without registration (the quantity greater as the meter is worn in service), the necessity for inspectors to obtain monthly readings, the numerous details of work rendered by the city in maintaining each service pipe, ought at least, in a commercial aspect, return an annual sum of five dollars, which would not be a fair equivalent. The tax payer would receive a benefit, for certainly he would be paying a nominal price for a luxury, the revenue would be increased, and a larger amount appropriated to the sinking fund toward the reduction of the city debt. The application of meters is opposed in many cities by the statement that thereby the amount of revenue is decreased while the maintenance account is increased. The water department is the only self-sustaining branch of our city government, which condition results from the revenues received from railroad corporations and large consumers, rather than from rates assessed solely for domestic consumption.

SUPPLY *vs.* WASTE.

The demand for water increases correspondingly with the growth of the city, and during the past year water mains have been laid in localities which will eventually render a paying revenue. The constant additions to the list of takers draws heavily upon our resources, and the action taken by your committee regarding an additional supply of water will be appreciated by the Worcester of the future, if not by the present community. The value of a good supply of good water to a city cannot be over-estimated, and the fact that several towns in the State have arranged systems of water works, proves them to be valuable acquisitions.

The quantity of water required for actual use and the quantity wasted is difficult to determine. The following, quoted from "Humber's Water Supply," is pertinent on this subject: "This question of the quantity of water which is, and the quantity

which ought to be consumed for domestic purposes, is too generally regarded in its commercial aspect ; inasmuch as the virtue of a water supply is mostly measured by the smallness of the consumption. The principle is correct so long as the efforts for reduced consumption are directed solely against waste ; but is wrong if it operates against the more extended use of water. Notwithstanding the apparent large quantities of water now brought into our cities and towns, twice the quantity at present consumed would not be too much for the legitimate uses of a people paying rightful attention to their bodies. Waste ought to be curtailed, but it is a far higher duty to encourage the use of water than to increase the dividends of water companies."

REMARKS.

The supply of water on hand at this date was not anticipated, being larger than the heavy draft caused by the continuous dry weather reasonably insured. The last inspection of the reservoir by the committee occurred August 31st, on which occasion a submarine investigation was made by three members, and while being a novelty proved too hazardous to warrant a repetition.

The duties pertaining to this department do not decrease in number or diversity, and it is the aim of the officials to treat water takers with courtesy and impartiality. The thermometer of the daily physical condition of the inmates of the office generally indicates the temperate point, but when three or four dissatisfied takers accidentally meet in the office, all animated about their large bills (never any excitement in small bills), the temper and rate get separated, and the mercury rises ; but subsequently the rainbow appears, the clouds of error float away, and smiles rest upon the faces of those who "always want to pay what is right and no more," for the blessings received through the use of city water.

Respectfully submitted.

J. STEWART BROWN, *Registrar.*

WORCESTER, *December 18th*, 1882.

REPORT OF CITY ENGINEER

TO THE

COMMITTEE ON WATER.

To the Joint Standing Committee on Water :

GENTLEMEN.—I herewith submit the following report of the work done by the department of Civil Engineering for the Water department for the year ending December 1st, 1882.

In obedience to an order from you, surveys have been made of the proposed reservoirs upon Tatnuck brook, and careful estimates made of the cost of the necessary dams, raising roads, furnishing and laying pipe, &c.

The estimates have been made as follows. First: An estimate of what I will designate as plan "A," which is for repairing the present Holden reservoir dam. Second: or plan "B," is for putting in the foundation for and constructing a new dam above the present reservoir dam, carrying it to the height of the old dam and leaving the top of sufficient width to raise 10 feet when an additional capacity shall be needed. By this plan the old dam is to be used as a footing for the new dam. Plan "C" calls for the construction of a new dam above the old one as by plan "B," but carries the work to a point 10 feet higher than the top of the old dam, thereby about doubling the capacity of the reservoir.

The estimates are as follows :

Plan "A."	\$24,808 10
" "B."	64,223 40
" "C."	112,904 00

The area of the present reservoir is 94.52 acres. This area would not be increased by the adoption of either plan "A" or "B." If plan "C" is adopted the area will be increased 41.80 acres. The roads at the upper end of the reservoir will also have to be raised.

The elevation of high water in the present reservoir is 739.98, while the elevation of high water in the Hunt reservoir (the head of our present low service) is 658.00. It will be seen therefore that in order to maintain an equal pressure, a distributing reservoir will have to be constructed at the same elevation as the Hunt reservoir. An estimate has been prepared for this and of the cost of a pipe line from the distributing reservoir to Park Avenue, which is as follows:—

Distributing reservoir,	\$7,000 00
2,500 tons 30 " and 24 " pipe — \$45.00,	112,500 00
Trenching and laying,	34,265 00
Gates, Hydrants, &c.,	3,000 00
Land damages, crossing streams, &c.,	1,500 00
Engineering and contingencies,	10,000 00
	<hr/>
	\$168,265 00

As the principal item of cost in the above estimate is the pipe, it may be proper for me to state that iron is \$10.00 per ton higher now than it was when I made an estimate of the cost of this work two years ago, making a difference of \$25,000.00 in this single item. An estimate has also been made of the cost of constructing a reservoir at the "Seagrave Mill," so called, which is the next privilege below the Holden Reservoir. This reservoir would cover an area of 78 $\frac{37}{100}$ acres and cost \$150,550.00.

The constructing of this reservoir will not be necessary for years to come unless some arrangement is made with the mill owners by which they can have the water in their present pond.

In order to arrive at an idea of the probable cost of the work when completed it will be necessary to add to the cost of the different schemes the cost of the pipe line and distributing reservoir. It is not necessary for me to give figures as to the capacity of the reservoirs and the probable amount of water that the stream will furnish, in this report, as these matters have

been carefully considered in my report to the Water Committee upon the question of an additional water supply.

The question is often asked how much water is consumed in the city per day. We have never until this year had the data by which we could answer this question even approximately. A weir has been placed in the brook above the reservoir and an accurate measurement of all the water running into the reservoir for the last six months taken. Several years ago the capacity of the reservoir for every $\frac{1}{10}$ of a foot in depth was calculated, and for some time the amount of water stored in the reservoir each day has been recorded.

From these two measurements I have been able to calculate the amount used per day, and I think with a considerable degree of accuracy. The record shows that the greatest amount of water drawn from the reservoir in any one day was 6,549,614 gallons, while the smallest amount was 1,580,111 gallons. The average amount used per day by months, commencing with July 1st, is as follows:

July,	3,360,553 gallons.	August,	3,973,279 gallons.
September,	3,200,000 “	October,	3,298,722 “
	November,		3,264,418 gallons.

The population of the City is now estimated at 65,000. We are therefore now using at the rate of from 50 to 60 gallons per person, which from the returns that I have received seems to be about the average amount used in the cities of the United States. The reservoirs have been visited by me regularly during the past season and everything has been found in excellent condition.

Respectfully submitted.

CHARLES A. ALLEN,

City Engineer.

WORCESTER, December 1st, 1882.

REPORT

OF THE

JOINT STANDING COMMITTEE ON SEWERS.

To the Honorable City Council:

The Joint Standing Committee on Sewers present herewith the report of the Superintendent of sewers, which, owing to its completeness, the committee desire to adopt as their report, with the following recommendations:

We recommend that the Pine Meadow sewer be extended east from its present terminus, at the junction of Shrewsbury and East Worcester streets, to the brook at the easterly end of East Worcester street; also that the Cambridge street sewer be extended to Washburn street.

The committee find that when the arching of Mill brook from the Boston and Albany railroad and Green street is undertaken it is necessary that the grade should be lowered between the points named. The lowering of the grade would greatly increase the value of the sewer. It would be economy to commence the work on Green street, where there is a fall of four and one-half feet; the lowering at the upper end should be one foot, and this would relieve the sag in the grade between the railroad and Front street.

Before closing this report we desire to express our great satisfaction at the manner in which the officers of the sewer department have performed their duties during the past season.

BENJ. WALKER,	}	<i>Joint Standing Committee on Sewers.</i>
ANDREW ATHY,		
E. O. PARKER,		
JOHN G. BRADY,		
W. F. DEARBORN,		
WM. O'CONNELL,	}	

REPORT

OF THE

SUPERINTENDENT OF SEWERS.

To the Joint Standing Committee on Sewers of the City of Worcester :

The Superintendent of Sewers presents his annual report as required by the City Ordinances.

The work in detail, with the cost of the same, will be found in accompanying tables.

A schedule of city property in charge of the Superintendent, may be seen at the office of the Sewer Department.

The Department of Maintenance has been carried on for somewhat less than in former years, on account of the prolonged drouth through the summer, and the infrequency of sudden showers. The sewers of the city are thoroughly flushed twice during the year, and in exceptional cases oftener. The department experiences more trouble with obstructed sewers on streets having unpaved gutters than elsewhere.

The various sewers of the city, together with their appendages, are in good condition and repair.

Four hundred and two permits to enter sewers were granted during year.

The work of sewer construction was commenced in December of last year on West street. Work was again closed for the

winter until March 6th, since which time work has been prosecuted without interruption to the close of the year. A large outlay for equipment was necessitated by the working of an unusually large number of men.

The Carson excavator has been used on Shrewsbury, Prescott and Southbridge street sewers, and has proved itself to be an economical and satisfactory method of trenching, besides being a great public convenience, from the fact that by its use streets in which sewers are being laid can be kept constantly open for travel.

On Shrewsbury street, with trench ten feet in width and twenty-seven feet in depth, the sewer advanced on an average of thirteen feet per day, and this in a soil requiring close sheeting from the top, and also requiring the use of a steam pump day and night, and timber foundations for the sewer. On other streets its use has been equally advantageous.

The sewer in Front street has been completed during the past year to Crompton's block.

The 48" \times 72" brick sewer in Shrewsbury street has been laid 1565 feet to the junction of East Worcester street.

The 84" round brick sewer has been laid in Cambridge street from Millbury street to the Providence and Worcester railroad bridge, a distance of 500 feet. Both these sewers are outlets to large districts, and will need to be extended long distances to be of practical use.

The work accomplished during the year is as follows :

13,116 feet, or 2.46 miles of sewer laid, 83 manholes and 29 catch basins built. Making our sewer system to consist of

42.90 miles of sewers.
1,625 manholes.
932 catch basins.

Amount of stock for sewer construction on hand, valued,	\$767 50
Tools and equipment,	2,200 65

SEWERS LAID DURING THE FINANCIAL YEAR OF 1882.

STREET.	LOCATION OF SEWER.	SIZE.	LENGTH.	MAN- HOLES.	COST.
West,	John St. northerly,	12"	170	1	\$126 00
Agricultural,	Highland to Park ave.,	15"	640	4	821 61
Front,	Church to Crompton block,	27"x40"	661	4	3,176 88
Concord,	Millbrook to Grove St.,	12"	389	3	540 58
Queen,	Hospital St. southerly,	12"	223	2	321 90
Millbury,	Wade St. southerly,	18"x27"	111	1	244 20
Wade,	Millbury to Ward St.,	16"x24"	430	4	946 00
Ward,	Wade St. northerly,	18"	442	3	972 40
Eastern ave.,	Shelby St. southerly,	12"	181	1	579 86
Lunelle,	Lafayette to Lamartine,	12"	351	4	402 45
Ellsworth,	Millbrook to Bigelow St.,	12"	642	5	772 93
Bigelow,	Lafayette to Sigel St.,	15"	473	4	495 73
Scott,	Lafayette to Lamartine,	12"	537	5	549 15
Lodi,	Lafayette to Lamartine,	12"	527	4	521 94
Bismark,	Orchard to Fountain,	12"	214	2	315 10
Hawley,	Northerly end of Hawley St.,	12"	263	2	197 91
Fox,	Easterly end of Fox St.,	8"	48	0	43 56
Southbridge,	Sargent St. northerly,	18"	948	4	2,300 13
Summer,	Fulton St. southerly,	12"	151	1	353 01
Prescott,	Millbrook to North St.,	{ 18"x24" 18"x27"	2,010	14	5,598 45
Shrewsbury,	Millbrook to E. Worcester St.				
		{ 84" ro'd 18" 15"	500	1	9,752 70
Cambridge,	Millbury St. to Prov. R. R.				
Lafayette,	Quinsig. av. to Washing. St.	{ 12" 9" 18x27	1,540	9	4,621 66
					\$59,082 44

Respectfully submitted,

R. H. CHAMBERLAIN,

Supt. Sewers.

WORCESTER, Dec. 1st, 1882.

REPORT

OF THE

CITY ENGINEER.

To the City Council of the City of Worcester :

I herewith submit the following report of the work done under the direction of the department of Civil Engineering for the year ending December 1st, 1882.

SEWERS.

Work in the sewer department has been unusually active during the past season. The surveys for the "Pine Meadow" district have been completed, and the sizes of the main and lateral sewers figured. The work has been confined to the construction of the main sewer from its intersection with the Mill Brook sewer at Front street, to the junction of Shrewsbury and East Worcester streets : the size of this sewer is 48" \times 72".

Surveys have also been made of the Southern and Western districts. The main outlet for these two districts will empty into the Mill Brook sewer at the junction of Cambridge and Millbury streets, and will run in Cambridge street as far as Washburn street, here it will divide, one branch continuing in Cambridge street to New Worcester, draining that and the South Worcester districts : the other will run through Washburn to Southbridge street, thence taking one of the streets running to Main street, thence through Maywood street to Park Avenue, and thence northerly in said avenue to the vicinity of Elm Park. This sewer will drain a large territory that is now entirely without sewerage facilities.

Work has been commenced on the main sewer in Cambridge street, and it has been completed to the new railroad bridge now being built at the Providence and Worcester railroad crossing, on said street ; the size of this sewer is 84" round.

Complaint has frequently been made that the water from the sewer in Southbridge street sets back into the cellars of the adjoining estates, especially after a heavy rain. The difficulty arose from the fact that when the sewer was built in this street, it had to empty into the old bed of Mill Brook, near Sargent street, this would not allow of its being placed at a greater depth. It now empties into the Quinsigamond Avenue sewer, the grade of which is four feet below the grade of the sewer in Southbridge street, steps have been constructed at the junction of the two sewers and the water falls over them. In order to overcome the difficulty of back water into the cellars, it was decided to construct an eighteen-inch pipe sewer east of, and parallel to, the main sewer, starting at a point nearly at grade with the Quinsigamond Avenue sewer, entering below the steps, and keeping sufficiently deep to drain all the cellars. This work has been done to the entire satisfaction of all persons interested. A large amount of work has also been done on small sewers, a description of which will be found in the report of the Superintendent.

The arching of Mill Brook has been under consideration for several years, but as yet the work has not been commenced, estimates have been made, however, of the cost of this work and it is found that the probable cost will be \$30 per lineal foot. As the grade is very irregular between the Boston and Albany railroad and Green street, it is thought best to lower the grade and reconstruct the invert between the points named, as there is a fall of about four feet at Green street. I should recommend lowering the grade two feet at that point, and one foot at the Boston and Albany railroad, and constructing the invert of concrete ; this would give a much better grade than the sewer now has, and would entirely do away with the troublesome "sags" in the present bottom of the sewer. In order to do the work economically it should be commenced at the lower end. As the

section that needs arching the most is at the upper end; however, I would recommend commencing at Green street and putting in the new invert as far as Winter street, leaving the present side walls standing for the time being, and arching the brook from Winter street to the railroad, the lower section could be arched at any time without trouble from the water if the invert was put in as suggested above.

The distance from Green to Winter streets is 1471 feet, and from Winter street to the Boston and Albany railroad 753 feet, making a total distance of 2224 feet, which at \$30 per foot would cost \$66,720.00.

I recommend that the following work be done the coming year: The Pine Meadow sewer should be extended to the brook at the easterly end of East Worcester street—estimated cost \$20,000. The Cambridge street sewer should be extended to Washburn street—estimated cost \$30,000. A liberal appropriation should be made for lateral sewers to be built in all sections of the city. Work should be commenced on the arching of Mill Brook.

STREET CONSTRUCTION.

The County Commissioners having re-located and widened Summer street to sixty feet, the highway department proceeded to construct the street early in the spring. As the change necessitated the moving back of the bank walls in front of the Lunatic Hospital, and Mrs. Edward Earle's estate, it was decided to advertise that portion of the work, also the cutting of the street in front of Mrs. Earle's estate. The contract for the Hospital wall was awarded to Wm. H. Ward of Lowell, and the grading and bank wall at Mrs. Earle's to C. C. Riley of Charlton, and Peter Kinney of Worcester. Riley and Kinney's contract was finished August 1st, and Wm. H. Ward's September 1st. The amount of the contracts was as follows:

Riley and Kinney, Grading,	\$5,161 24
“ “ Masonry,	2,632 50
Total,	<hr/> \$7,793 74

W. H. Ward, Masonry,	\$14,029 60
“ “ Grading,	2,496 81
“ “ Tile drain,	280 80
Total,	<hr/> \$16,807 21

The street has been thoroughly built. All the water pipes, sidewalks, sewers and gas mains were laid before the street was finished; it has been Macadamized, and is in my opinion, the best built street in the city.

Work was commenced upon the bridge under the Providence and Worcester railroad at Cambridge street in June; the Highway Department did the grading. An arrangement was made with the Providence and Worcester Railroad Company, by which the city was to build the abutments, and the railroad company the iron bridge; this work is estimated to cost the city \$10,000, and will be completed by March 1st, 1883.

Park Avenue has been widened and re-graded from Beaver street north to a point about half-way to May street. A new arch bridge has been constructed over Beaver Brook at a cost of \$3,108.25. This avenue should be completed the coming year, as all the land damages are settled and the greater part of the work done.

Hospital street is the only street of importance that remains unfinished, and very little remains to be done here; probably \$300 will complete it; this should also be finished. Surveys have been made and decrees prepared for quite a large number of smaller streets, and the work of constructing them has been done by the Highway Department under the direction of this department. For the details of this work I respectfully refer you to the report of the Highway Commissioner.

HIGHWAYS AND SIDEWALKS.

The following tables show the location of streets and sidewalks decreed, constructed, and made public; also those streets on which street and sidewalk grades have been established.

STREETS AND GRADES DECREED.

Name of Street.	From.	To.	Remarks.
Downing,	Main,	Woodland.	Grade and location.
Chandler,	Main,	Irving.	Grade and location.
Portland,	At Madison,		Re-location.
Southbridge,	At Madison,		Re-location.
Wachusett,	Highland,	Dix.	Grade and location.
Arch,	Summer,	Fountain.	Grade.
Market,	Summer,	Union.	Grade.
Lamartine,	Washington,	Millbury.	Grade and location.
Wall,	Suffolk,	Norfolk.	Grade and location.
Jefferson,	Vernon,	Arlington.	Grade and location.
North Merrick,	Elm,	Pleasant.	Grade and location.
Ripley,	Main,	Beacon.	Grade and location.
Cambridge,	Quinsigamond Ave.,	Webster Square.	Re-location.

SIDEWALKS DECREED.

Name of Street.	From.	To.	Length in Feet.	Remarks.
Grove,	Concord,	Salisbury Pond.	958.3	West side.
Belmont,	Oak Avenue,	Elizabeth.	775.0	North side.
Wachusett,	Highland,	Dix.	1,293.7	Both sides.
Maple,	Main,	298 feet westerly.	298.0	South side.
Chandler,	Main,	Irving.	902.3	Both sides.
Fox,	Water,	Jefferson.	1,842.2	Both sides.
Claremont,	Woodland,	Main.	1,670.8	Both sides.
Union Avenue,	Ward,	Vernon.	1,277.5	Both sides.
Summer,	Washington Sq.,	Lincoln Square.	7,120.8	Both sides.
Jefferson,	Vernon,	Arlington.	1,700.0	Both sides.
Total length,			17,838.6	

STREETS CONSTRUCTED.

Name of St.	From.	To.	Date of Order.	Width in Feet.	Length in Feet.	Remarks.
Beaver,	Main,	Park Ave.	Dec. 5, '81.	40	2,007.3	Completed.
Millbury,	At Quinsigamond.		Dec. 5, '81.	.....	.....	Completed.
Summer,	Wash'n Sq.	Lincoln Sq.	Jan. 9, '82.	60	3,596.5	Completed.
Hospital,	Wellington,	King.	Mar. 27, '82.	50	1,931.0	Partly constr'd.
Chandler,	Main,	Irving.	Mar. 27, '82.	varies	457.0	Completed.
Union Ave.,	Ward,	Vernon.	Mar. 27, '82.	33	639.0	Completed.
Portland,	At Madison Street.		Mar. 27, '82.	.....	67.0	Completed.
Southbridge,	At Madison Street.		Mar. 27, '82.	.....	23.0	Completed.
Wachusett,	Highland,	Dix.	Apr. 24, '82.	40	638.2	Completed.
Cutler,	Grafton,	Ætna.	May 8, '82.	50	850.0	Completed.
Wade,	Millbury,	Ward.	May 8, '82.	40	398.0	Completed.
Ingalls,	Vernon,	Fox.	May 8, '82.	40	570.0	Completed.
Fox,	Water,	Jefferson.	May 8, '82.	40	911.0	Completed.
Ætna,	Providence,	Cutler.	May 8, '82.	50	1,527.5	Completed.
Park Avenue,	Mill,	May.	June 26, '82.	80	4,410.0	Partly constr'd.
Cambridge,	Quinsigamond Ave.	Pitt.	June 26, '82.	varies	730.0	Partly constr'd.
Total length,					18,755.5	

SIDEWALKS CONSTRUCTED.

Name of Street.	From.	To.	Side of Street.	Length.
Allen,	Main,	Mount Pleasant.	Westerly.	388.5
Austin,	Queen,	Easterly.	Southerly.	462.4
Belmont,	Oak Avenue,	Easterly.	Northerly.	547.5
Cambridge,	Sheridan,	Easterly.	Southerly.	128.8
Chandler,	Main,	Irving.	Both.	733.8
Columbia,	Arlington,	Blake,	Southerly.	388.6
Catharine,	Lincoln,	Channing.	Southerly.	925.5
Claremont,	Woodland,	Southerly.	Easterly.	252.2
Cambridge,	Southbridge,	Westerly.	Northerly.	718.5
Foster,	Norwich,	Easterly.	Southerly.	16.9
Fox,	Water,	Easterly.	Northerly.	844.3
Green,	Ash,	Southerly.	Westerly.	72.7
Grove,	Salisbury,	Northerly.	Westerly.	913.5
Hanover,	Glen,	Northerly.	Easterly.	136.8
Jefferson,	Vernon,	Arlington.	Southerly.	889.0
Lincoln,	pres't terminus,	Northerly.	Westerly.	448.4
Madison,	Southbridge,	Portland.	Northerly.	68.0
Main,	Hammond,	Westerly.	Southerly.	561.8
Main,	on Court Hill,		Westerly.	.....
Manchester,	Union,	Bridge.	Northerly.	439.5
May,	Woodland,	Easterly.	Southerly.	241.5
Maple,	Main,	Westerly.	Southerly.	174.4
Newbury,	Chandler,	Austin.	Easterly.	197.4
Piedmont,	Austin,	Pleasant.	Westerly.	889.7
Portland,	Madison,	Easterly.	Northerly.	73.0
Southbridge,	Madison,	Westerly.	Southerly.	29.0
Southbridge,	Washburn,	Northerly.	Easterly.	532.0
Summer,	Washington Sq.,	Lincoln Square.	Both.	3,949.5
Union Avenue,	Ward,	Vernon.	Northerly.	649.0
Union,	Market,	Northerly.	Easterly.	412.6
Wachusett,	Dix,	Highland.	Easterly.	637.0
Water,	Winter,	Westerly.	Northerly.	778.9
William,	Fruit,	Sever.	Northerly.	313.1
Woodland,	Claremont,	May.	Easterly.	329.4
			Total length,	18,143.2

After lying in an unfinished condition for nearly ten years, Front street has at last been paved, and is now the handsomest paved street in the city. That portion of the street, however, in the immediate vicinity of City Hall, is still paved with the old square blocks, this paving is badly worn and should be taken up and replaced with the small blocks. The sidewalk on the North side should be made narrower, as it could be to advantage, and more room given to the driveway of the street; if this is done the sidewalk will be about fifteen feet wide, and the roadway will have gained on an average at least five feet. The paving of Washington Square was commenced, but there still remains

about 4,500 square yards unpaved. This should be completed the coming year, as should also the paving of Union street, which is now paved from Foster to Central street, this would take about 5,500 square yards. I am convinced of one thing, and that is that larger appropriations will have to be made for paving than in years gone by. A large number of our streets in the centre of the city need paving badly, some of them have been Mcadamized, but this does not seem to stand the heavy traffic as long as it should; it is much better than gravel, but does not take the place of paving. \$50,000 could be laid out to advantage during the next year. The total length of the public streets in the city is 146.56 miles, private streets about 62 miles. There are 20 stone and 15 wood and 2 iron bridges.

LIGHTING STREETS.

There have been many improvements made by the Committee during the past year upon the street lights, one of the most important of these is the placing of transparent signs upon all lamps standing at the corners of the streets. Sixty-five new gas lights have been added, making the total number 770. There has also been added to the list 132 gasoline lights, which increases the whole number to 1,051. The cost of running the police lights, or those that burn until 3 and 4 o'clock in the morning, is \$27.23 per year each. The cost of the ordinary gas lights per year is \$17.19 each. The cost of the gasoline lights is \$15.12 each year. Great complaint has been made of the poor quality of the gas furnished by the gas company. The matter was taken up by the Joint Standing Committee on Lighting Streets and a thorough investigation made. It was found that out of a total number of 64 companies in the State furnishing gas, there were only five as low in the scale as Worcester, and they were all small companies. This was found by consulting the report of the State Gas Inspector for 1881. The Inspector was consulted in relation to the matter and stated that the tests show (for this year) that the gas has fallen off more than $\frac{3}{4}$ of one candle from the average of last year, which was 16.40 candles. The legal minimum for candle power is 15, that is,

when gas is tested under the most favorable conditions, it burning 5 feet per hour, gives a light equal to 15 standard candles. Tests have been made at various times during the fall and they have very rarely shown the gas to be over $16\frac{1}{2}$ candles. As most of the large places in the State are getting gas that tests from 17 to 19 candles, and are paying less than Worcester per thousand feet, the Committee felt that something should be done, accordingly the officers of the Company were notified to meet the Committee, which they did. They were shown all the tests that had been made and were given to understand that better gas would be demanded, after which it was agreed to by them that in the future nothing below 18 candle gas would be furnished. We may therefore, reasonably expect better light in the future.

The property owned by the Street Lighting Department is valued at \$731.77, a schedule of which can be seen at this office. The work of lighting the Street Lamps has been done by P. Ronayne, to the entire satisfaction of the Department.

Respectfully submitted.

CHARLES A. ALLEN,

City Engineer.

WORCESTER, *December 1st, 1882.*

REPORT OF HOPE CEMETERY.

COMMISSIONERS OF HOPE CEMETERY,

FOR THE YEAR 1883.

STEPHEN SALISBURY, JR.,	-	-	-	Term expires	1884
ALBERT CURTIS,	-	-	-	" "	1885
ALBERT TOLMAN,	-	-	-	" "	1886
WILLIAM BUSH,	-	-	-	" "	1887
THOMAS M. ROGERS,	-	-	-	" "	1888

ORGANIZATION FOR THE YEAR 1883.

Chairman, - - - - - ALBERT TOLMAN.
Secretary, - - - - - STEPHEN SALISBURY, JR.
Superintendent, - - - - - ALBERT CURTIS.
Assistant Superintendent, - - - WILLIAM BUSH.

THE TWENTY-NINTH ANNUAL REPORT
OF THE
COMMISSIONERS OF HOPE CEMETERY,
FOR THE YEAR 1882.

*To his Honor the Mayor, the Aldermen and the Common
Council of the City of Worcester.*

Hope Cemetery was opened in the year 1852. Its management by the City Council was found impracticable.

A special Act of the Legislature approved April 28, 1854, and accepted by the "Written Votes of the Legal Voters of the City," established the Commission with powers and duties.

Commissioners were elected June 19th and the Board organized July 3d, 1854.

Clearing ground and grading for Lots and Avenues, was the work to be done, and in each succeeding year has increased.

Such work has been faithfully performed during the last year and the grounds have been kept in good order.

SPECIAL WORK.

During the year we have graded and fitted up for the owners, 117 Lots and received for

Labor and Materials on them,	\$3,082 55
and taken care of 410 Lots for	1,040 50
	<hr/> \$4,122 05

Eight Lots have received care, paid for from income of deposits made for such service.

Several more have been partially graded, for which pay will be received hereafter.

Since the 1st of May all graves have been prepared by the foreman.

In seven months, from May 1st to Dec. 1st, the number was 260. The charge for this service is about \$400.

Caring for Lots and preparing graves seems to be a service the Commissioners must accept, as incident to the steady improvement of the Cemetery.

MECHANIC STREET AND PINE MEADOW.

The grading of Pine Meadow ground has been completed. The surface was levelled and well covered with muck, loam and manure, stones re-set and bounds of Lots well defined. The appropriation for the work was \$500, which was expended and also \$75.00 taken from ordinary receipts.

Mechanic street ground is in good condition, only requiring occasional raking over and mowing.

WEBSTER STREET.

A bank wall has been put in on the line of Webster street, 410 feet long, costing \$1.10 pr. perch. Total cost, \$525.00.

The Commissioner of Highways has filled the street and we trust will complete the grading so early in the Spring that trees may be planted in front of the Cemetery line by the Commission on Public Grounds and Shade Trees, or under the supervision of the Chairman.

BUILDINGS.

Some repairs and painting has been done to the buildings.

A new barn or shed, with loft, Office for business and other conveniences, 24×40 ft. costing, with furniture, \$948.93, has been erected.

WATER PIPES

Have been extended into the grounds at an expense of \$229.37.

There have been other expenditures which may be regarded as permanent investments, as will appear in our statement.

There are also on hand materials for fitting up Lots, of considerable value.

We report that the Cemetery is in good condition.

There have not been complaints from owners of Lots, or misunderstandings with them.

Many owners of Lots have contributed their full share to the improvement of the grounds by systematic care, and by the erection of chaste and simple mementoes, or costly and elaborate monuments of stone and marble.

The *Fund* reserved for the care of the Cemetery, when receipts from sales of Lots shall cease, is increasing steadily.

Deposits for perpetual care are being made.

We do not know a single reason why persons who are identifying their interests and lives with our City, should not select a last resting place there.

WANTS.

Such is the nature of the ground in the Cemetery that most of it must be supplied with fertilizers.

During the year we paid for Manure,	\$272 53
Some can be made on the premises.	

For Turf and Sod we paid	\$234 40
--------------------------	----------

Turf costs about the same per foot as land from which it is taken is worth. There should be added to the property of the Cemetery a few acres of land on which grass will grow.

Muck taken from the small parcel of swamp belonging to the Cemetery is as valuable as an equal quantity of Manure.

We shall nearly exhaust the supply this year.

For this and several other reasons, we again petition for the purchase of at least four acres of land situated on the South-East (*line*) side of the Cemetery.

In the year 1880	72	free burials were made.
" " " 1881	90	" " " "
" " " 1882	110	" " " "

In the year 1879	54	Lots were sold.
" " " 1880	66	" " "
" " " 1881	97	" " "
" " " 1882	96	" " "

The number of Lots sold since the opening of the Cemetery, 2,211.

We thank the large number of proprietors of Lots for accepting our services for many years with apparent satisfaction.

We thank the officials at the City Hall for their always courteous attentions.

We add the following statements as a part of our Report:

COMMISSIONERS' STATEMENT.

Appraisal of property Dec. 1st, 1882 :—

Tools as per schedule.	\$144 65	
Carts, wagons and harnesses,	236 00	
2 Horses,	375 00	
5 Tons of hay,	90 00	
	<hr/>	\$845 65
Barn, shed and tool house,		950 00
New barn and offices,		948 98
		<hr/>
Total,		\$2,744 63

Receipts during the year, viz.

Balance from 1881,		\$416 96
Cash from W. S. Barton, Treasurer,	\$4,322 99	
“ for Wood sold,	141 50	
“ “ Labor and materials used in grading and care of Lots,	4,123 05	
“ “ Rent of Land,	25 00	
	<hr/>	\$8,612 54
Total,		<hr/> \$9,029 50

Payments during the year, viz.

For Hay, grain and supplies for horses,	\$232 89	
“ Shoeing horses,	25 61	
“ Tools and repairing,	109 16	
“ Lumber for repairs, &c.,	16 08	
“ Printing reports, notices, &c.,	36 32	
“ Barn, offices and furnishing,	848 98	
“ Extending water pipes,	229 37	
“ Surveying—City Engineer,	40 56	
“ Manure,	272 53	
“ Turf and sod,	234 30	
“ Granite posts,	353 60	
	<hr/>	\$2,499 40

For Stone for wall, and drawing,	\$159 27	
L. B. Stone, work with team,	263 37	
C. Bancroft, " " "	103 16	
	<hr/>	\$525 80
For Iron stakes, numbers (R. & Barton),	\$94 20	
" Paints and painting,	69 30	
" Cement,	7 30	
" Telephone Co.,	15 00	
" Canvas cover,	11 60	
" Grass seed,	9 58	
" City water bills,	40 00	
" Insurance (3 years),	46 00	
" Sundries,	10 85	
	<hr/>	\$303 83
For Labor on grounds, as per monthly pay		
rolls,	\$4,322 99	
" City Treasurer,	1,000 00	
	<hr/>	
Total payments,	\$8,652 02	
Balance in hand of Commissioners,	377 48	
	<hr/>	\$9,029 50

We respectfully submit the foregoing, and ask its acceptance as our Report for the year 1882.

The Board has been reorganized for work, for the year 1883.

ALBERT TOLMAN,
ALBERT CURTIS,
STEPHEN SALISBURY, JR.,
WM. BUSH,
THOMAS M. ROGERS,

Commissioners of Hope Cemetery.

WORCESTER, Jan. 26th, 1883.

CITY TREASURER'S REPORT.

To the Commissioners of Hope Cemetery :

GENTLEMEN—The undersigned herewith presents to your Board a brief statement of his receipts and payments, on account of the Cemetery for the financial year ending November 30, 1882.

BALANCES, Dec. 1, 1881, VIZ :

Savings Bank deposits, general account,	\$6,500 00	
“ “ special account,	550 00	
Cash on deposit,	1,939 84	
	<hr/>	\$8,989 84

RECEIPTS DURING THE YEAR, VIZ :

Proceeds of 96 lots sold,	\$4,109 00	
Cash from Commissioners,	1,000 00	
Allowance by City, for grading, etc.,	500 00	
Special deposits, for care of three lots,	300 00	
Dividends on Savings Bank deposits,	249 00	
Interest on Bank deposits,	32 60	
	<hr/>	\$6,190 60
Total,		\$15,180 44

PAYMENTS DURING THE YEAR, VIZ :

For labor, etc., as per pay-rolls,	\$4,322 98	
	<hr/>	\$4,322 98

BALANCES, Nov. 30, 1882, VIZ :

Savings Bank deposits, general account,	\$8,000 00	
“ “ “ special account,	850 00	
Cash on deposit in W. S. D. & Trust Co.,	2,007 46	
	<hr/>	10,857 46
Total,		\$15,180 44

Respectfully submitted.

WM. S. BARTON,

City Treasurer.

WORCESTER, MASS., Dec. 18, 1882.

FREE PUBLIC LIBRARY.

DIRECTORS IN 1883.

		TERM EXPIRES.
FRANCIS A. GASKILL,	SAMUEL D. HARDING,	Dec. 31, 1883.
THOMAS J. CONATY,	WILLIAM DICKINSON,	" 1884.
SAMUEL D. NYE,	CLARENDON HARRIS,	" 1885.
SAMUEL A. PORTER,	ALBERT WOOD,	" 1886.
JONAS G. CLARK,	FRANCIS H. DEWEY,	" 1887.
CHARLES M. LAMSON,	JAMES E. ESTABROOK,	" 1888.

ORGANIZATION FOR THE YEAR.

PRESIDENT.

FRANCIS H. DEWEY.

SECRETARY AND TREASURER.

JAMES E. ESTABROOK.

COMMITTEE ON THE LIBRARY.

FRANCIS A. GASKILL, CLARENDON HARRIS,
ALBERT WOOD, JONAS G. CLARK, CHARLES M. LAMSON.

COMMITTEE ON THE READING-ROOM.

WILLIAM DICKINSON, T. J. CONATY, JAMES E. ESTABROOK.

COMMITTEE ON THE BUILDING.

SAMUEL D. HARDING, WM. DICKINSON, SAMUEL A. PORTER.

COMMITTEE ON FINANCE.

FRANCIS H. DEWEY, SAMUEL D. NYE, JONAS G. CLARK.

LIBRARIAN.

SAMUEL S. GREEN.

ASSISTANT-LIBRARIANS.

SARAH F. EARLE, LUCIE A. YOUNG, JESSIE E. TYLER,
ELLEN L. OTIS, M. JENNIE BARBOUR.

WORCESTER FREE PUBLIC LIBRARY.

DIRECTORS' REPORT.

To the Hon. E. B. Stoddard, Mayor, and the City Council of the City of Worcester :

The Directors of the Free Public Library have the honor to submit their twenty-third annual report.

The reports of the four standing committees of the board, together with the report of the Librarian, and that of the Treasurer of the Reading-Room Fund, are also transmitted.

From these documents a just judgment can be formed as to the manner in which the affairs of the Library have been administered during the past twelve months.

The coming year will mark the thirtieth anniversary of the incorporation by act of the Legislature, of the Young Men's Library Association of Worcester, an institution of which the Free Public Library may be said to be the successor and legatee. In its first annual report the Library Association stated that there were upon its shelves seventeen hundred and sixty-two volumes, about one-half of which had been acquired by purchase, and one-half by gift. Since 1860, the year in which the Library Association, owing to the well-remembered act of Dr. Green, was merged in the then newly created Free Public Library, the last named institution has enjoyed the two-fold advantage of an endowment and an annual grant from the public treasury.

To-day the number of bound volumes catalogued and reported is fifty-five thousand seven hundred and fifty-two. This is not a bad showing for only thirty years of accumulative effort; especially when it is remembered that for at least a third part of

the period covered, the country was in a condition by no means favorable to the furtherance of such work as libraries undertake.

What the facts show is that the attitude of the City Government towards the Free Public Library has been, taking all things into account, a most generous and large-minded one, and the Directors are of opinion that they can ask of your honorable body nothing better than that the same enlightened liberality which has marked your provision for this important interest in years past, should be recognized as a settled feature of the city's administrative policy.

More and more generally, year by year, throughout the country, the educational value of free libraries is coming to be acknowledged; and it is an honor of which Worcester has reason to be proud, that she was among the first of the municipalities to share in the discovery.

In truth, the public library is but a more recent growth from the same root that first bore the public school. Both institutions have their origin in the conviction that a self-governed community, if it is to remain free, must be self-taught.

But at just what point shall the instruction given at public expense touch its outer limit and cease? This has been recognized, from the beginning, as one of the most difficult of the questions that emerge in connection with popular education. In some parts of the country it has been argued that the State University is the natural and logical supplement to the common schools of the towns; and that a youth has as much right to expect secondary as to demand primary education at the hands of the Commonwealth. Massachusetts has never favored this notion,—certainly not of late years; but, instead, has gone on, whether under the guidance of a conscious purpose, or by a happy, though unconscious inspiration, we need not ask, to create the true people's university in the establishment of the Free Public Library. It is the peculiar felicity of this mode of solving the problem, that by adopting it we avoid the most formidable of all the arguments waged against furnishing the higher education at the public expense, namely: the plea that to single

out a few young men, or young women, with natural endowments exceptionally good, and to give them special advantages of training at the cost of the tax-payer, is unfair. The higher education to which the Free Public Library invites a community is obnoxious to no such cavil. It offers to all a fair field and no favor. If, among those whom the public schools have graduated, there are any whose minds are more than ordinarily good, here is the opportunity for making them better in a way of which no one has the right to be jealous. There is no partiality, no discrimination. A more thoroughly democratic device for giving even chances to all, and special privileges to none, could not be imagined. And it is quite conceivable that, here in Worcester, many a youth who devotes a fair share of his leisure, out of working hours, to self-improvement within the walls of the Library may, at forty, be able to show himself a better taught man than many another who in earlier life enjoyed, at no little outlay of time and money, the advantages of a university education. This view of the matter ought especially to commend itself to the authorities of a manufacturing city. With the universal use of labor-saving machinery is sure to come, sooner or later, a marked decrease in the amount of time that goes to make up a day's work. How these reclaimed hours are destined to be spent is one of the most anxious questions the public mind can ask itself when looking into the future. It would be foolish to expect all of them, or even the greater number of them, to be given to books and reading, but whether the fractional portion of time so devoted is to be greater or less, will largely depend upon the measure of attractiveness with which the city is willing to clothe its library. Already the institution has proved itself a great public educator, to an extent which could scarcely have been anticipated. "We trust," wrote Mr. Hoar in 1867, speaking in behalf of the Board of Directors, "We trust the time will come when the means at the disposal of the directors will be such that there will be no book to which any citizen really and earnestly desires access, which will not be supplied in one or other of the departments of the Library."

It may be said, without boasting, but cannot be said without thanks, that the day thus happily predicted has fully come. It has now been for some time the settled usage of the Library to supply to readers, with the least possible delay, whatever works they may really need for the purposes of serious inquiry. For a city so dependent 'as ours must necessarily be on the intelligence of its people, in competition with rivals more advantageously situated with respect to tide-water and fuel, the value of such a reservoir of intellectual power as the Free Public Library can scarcely be overstated.

The fact that great pains are taken in our Worcester Library to further the efforts of those who come in search of definite information upon special topics wonderfully enhances the value of the books themselves, and adds weight to what has been said about the educational value of the institution.

At Oxford, a few weeks ago, at a meeting held to devise some suitable memorial of an eminent member of the University, lately deceased, it was decided that the very best thing to do would be to found a library, and in connection with it to provide an ample endowment for the maintenance of certain educated librarians, whose duty it should be personally to assist students in their investigations. The English are always fond of finding a precedent for whatever they do; and, in this instance, they discovered one in the case of the Ambrosian Library at Milan, which is, it seems, provided with a staff of librarians trained to aid readers. Had they looked westward instead of eastward in their search, these friends of good learning might have seen in the United States more than one instance of a library in which just such work as they had in mind is done to-day.

It will be observed with satisfaction, from the tabular statements contained in the Librarian's report, that there has been a steady growth for twelve years in the use of the Green Library for purposes of reference. His statistics are almost startling, — forty-eight thousand eight hundred and eighty times the books, he tells us, have been consulted this year. Mr. Poole puts on the title-page of the new edition of his *Index to Periodical Literature*, a Latin motto to the effect that to know where a bit

of information is to be found is the next best thing to having it actually in possession. It is plain from the Librarian's figures just quoted, that our citizens are growing to feel that they have in the Library building a resort as valuable to the community as the open dictionary to the family, a common and undisputed court of appeal.

The Directors invite your special attention to what is said in the Librarian's report with reference to the new catalogue now in process of publication, and to the recommendation of the Committee on the Building, that a new floor be laid in those portions of the second story most exposed to wear.

In the words of commendation which Mr. Gaskill, speaking for the Committee on the Library, bestows on the Librarian and his assistants, for faithful service rendered, the Directors heartily concur.

It may be proper to mention, as a matter of historical interest, the pleasant interchange of courtesies, which, not for the first time, took place this year between the municipal authorities of the English Worcester and this Board. Through the instrumentality of Alderman Willis, who visited us in the autumn of 1881, a very valuable, because almost unique collection of books relating to the topography and antiquities of Worcester, was forwarded to us in June.

The gift was duly acknowledged and the thanks of the Board returned to the givers.

It is by dint of just such kindly and unostentatious manifestations of good-will as these that old-time alienations are forgotten, and national friendships cemented.

In behalf of the Directors.

WILLIAM R. HUNTINGTON,

President.

Worcester, *December* 26, 1882.

REPORT OF THE LIBRARIAN

OF THE

FREE PUBLIC LIBRARY.

To Rev. William R. Huntington, D. D., President of the Board of Directors of The Free Public Library.

I herewith present the twenty-third annual report of the librarian. It is the twelfth which I have prepared.

Following, will be found the tables usually contained in this report. They show the receipts and expenditures of the library, its accessions, the number of volumes used by readers and students and the extent of the use of the reading-rooms on Sunday, and record such other facts in the history of the library for the past year as it is our custom to call attention to.

The most noticeable feature of the work of the year has been the large increase in the use of the books in the reference department for purposes of consultation.

The number of volumes used here the past year is 48,846 as against 43,414 used in the previous year.

These books have been desired almost exclusively for serious purposes and represent a large amount of investigation by persons of all ages.

It may be safely said, I think, that in amount and variety the work done here in the reference department of the library is unique.

It is desirable to note occasionally the increase in the use of this department. Twelve years ago it was not used at all. The figures which represent its use during the last twelve years are as follows: 7,321, 12,408, 15,672, 20,550, 22,833, 27,694,

27,694, 30,079, 34,311, 40,866, 43,414, 48,846. In making a comparison between the record of the year now reported on and that of the earlier years, in which present plans were used, it should be borne in mind that there has not only been a large increase in the number of volumes used in the reference department from year to year but that the character of the books used has changed

Whereas when the new plans were adopted we had room enough to give out large numbers of volumes of illustrated papers and stories to be examined within the building, now we have to restrict users of the reference department to an almost exclusive use of books needed for study and serious reading.

The increase in the use of the reference department is intimately connected with the growth in the use of our library for purposes of consultation by teachers and pupils of the public and private schools and higher institutions of learning in which Worcester abounds.

For an account of improved methods of study introduced into the High School lately which have operated in adding to the use of the reference library I would refer readers to a paper read by me at a meeting of the American Library Association held in Cincinnati last May. The paper was published in a subsequent number of the Library Journal. I had a number of extra copies of the paper struck off and shall be happy to give them to persons who are interested in knowing about the school work which we are doing.

The entire circulation of the library for the past year has been 165,834 volumes, divided as follows: Circulating department, 114,845, Reference department 48,846, Sunday use 2,143.

The use of the Circulating department has increased during the year, but, as stated above, the marked increase has been, as usual, in the reference department. We can carry up the aggregate of books given out in the circulating department to any desired number by lowering the standard of books circulated. It has been the aim of the management of the library, however, not only to keep up the high standard already attained in literature hitherto circulated but also to raise the standard as rapidly

as the community would allow. Steps in this direction even more radical than those already taken will be adopted towards the close of the current year.

There has been an increase in the number of persons using the reading-rooms on Sunday during the past year as in every previous year since they have been open to the public.

The whole number of volumes now in the library is 55,752.

A list of givers is appended to this report. The library is much indebted to its friends.

Our thanks are due in this as in former years to The Boston Athenæum, Harvard College Library, Yale College Library, the library of the Surgeon General's office, United States Army, and other institutions, for kindness in lending us books.

The Catalogues of books which circulate would have been nearly ready for the press at the present time had it not been for the protracted illness of the head of the cataloguing department. As it is, we have reached the work of final revision and Miss Earle is confident this will be finished by the first of April, when plans have been made to go at once to press. If the city makes the needed appropriation, and I presume there is no doubt that it will after consideration of the importance to citizens of a printed catalogue to books which can be taken to their homes, we expect to issue the latter part of this year a complete catalogue of all such books. The magnitude of the work needed in preparing this catalogue for the press will be realized when it is stated that the catalogue of 1870 was so poorly made that all the books in it had to be re-catalogued and that the new catalogue, it is estimated, will make an octavo volume of 1,240 pages. It is expected that the catalogue when issued will contain the record of books added to the library up to the day of going to press, that is to say, up to about April 1st, and it is hoped that when it is issued it will not be more than six months old. This would be an excellent showing. The paper for the catalogue has been paid for out of the last year's appropriation and the next city government will only be asked for money enough to print the whole edition of 3,000 copies and to bind enough copies to supply the first demand for the work, say, 1,000 copies.

The catalogue will be made on improved principles and, it is believed, will be found very useful. Great care has been taken to make it rich in subject entries.

I wish to repeat the statement made in last year's report of the Building Committee that the floors of the Green Library room and the Hall, and portions of the floor of the circulating department are worn out. It is to be hoped that the city government will be able to appropriate such a sum of money as will be sufficient to pay for their renewal.

In conclusion I wish to thank the Board of Directors in behalf of the executive officers of the library for their kindness during the past and previous years and to reciprocate the expressions of respect and confidence which have marked their intercourse with the librarian and his assistants.

Following is my account of money collected for fines, &c., with a copy of the signatures of the members of the Finance Committee who have examined it:

City of Worcester, Free Public Library, *Dec. 19th, 1882.*

We have examined the librarian's account from December 1st, 1881, the date of the last settlement, and find it stands as follows:

Cash balance in librarian's hands Dec. 1st, 1881,	\$106 43	
Received for fines, from the sale of catalogues and miscellaneous sources,	443 18	
	<hr/>	\$549 61
Paid in return of temporary deposits, &c.,	\$ 24 50	
“ Lewis W. Hammond, treasurer,	394 84	
	<hr/>	\$419 34
Balance in librarian's hands Dec. 1st, 1882,	\$130 27	
	<hr/>	\$549 61

FRANCIS H. DEWEY,
SAM'L D. NYE,
L. W. HAMMOND,

*Finance Committee, Directors of Free
Public Library.*

RECEIPTS AND EXPENDITURES.

RECEIPTS.

Municipal appropriation,	\$12,000 00
Income from invested funds :	
Green Library Fund,	\$1,734 80
Reading-room Fund,	580 50
	<hr/>
	\$2,315 30
Receipts from dog licenses,	2,676 37
“ “ fines,	375 49
“ “ sale of catalogues,	15 79
Payments for missing or damaged books,	1 77
Sale of condemned books,	1 86
Sundries,	23 77
	<hr/>
Total,	\$17,410 35
Cash on hand at last report :	
Green Library Fund,	\$1,629 99
Reading-room Fund,	472 99
Fines, catalogues, etc.,	106 43
	<hr/>
	\$2,209 41
	<hr/>
	\$19,619 76

EXPENDITURES.

BOOK ACCOUNT.

Books :	
Green Library Fund,	\$1,670 35
City appropriation,	3,334 55
	<hr/>
	\$5,004 90
Periodicals :	
Green Library Fund,	\$94 50
City appropriation,	74 41
Reading-room Fund,	740 95
	<hr/>
	\$909 86
Binding,	781 36

BUILDING ACCOUNT.

Repairs and additions,	\$244 92
Furniture and fixtures,	30 35
Insurance,	302 50
Fuel,	299 05
Lights,	892 84
	<hr/>
	\$8,465 78

SALARY ACCOUNT.

Administration (including wages of janitor),	\$5,317 50
Cataloguing,	964 97
Extra service,	809 89

SUPPLY ACCOUNT.

Printing catalogues,	\$1,323 31
Blanks and stationery,	147 79
Postage,	129 68
Paper covers (covering paper),	65 28
Sundries,	347 21

\$17,571 41

Cash on hand, December 1, 1882 :

Green Library Fund,	\$1,599 94
Reading-room Fund,	310 30
Money received for fines, sale of catalogues, etc.,	130 27
Municipal appropriation (transferred to the sinking fund),	7 84

\$2,048 35

\$19,619 76

ACCESSIONS.

Increase of volumes by purchase :

Green Library,	386
Intermediate department,	465
Circulating department,	1,672

2,523

Increase of volumes by gifts :

Green Library,	1
Intermediate department,	382
Circulating department,	41

424

Increase of volumes by binding pamphlets :

Intermediate department,	6
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Increase of volumes by binding periodicals :

Green Library,	66
Intermediate department,	175
Circulating department,	10

251

Increase by placing unbound volumes of periodicals in the library :

Green Library,	4
Intermediate department,	10

14

Number of missing volumes restored since last report :

Circulating department,	1
-------------------------	---

3,219

Number of volumes withdrawn since last report :		
Intermediate department,	7	
Circulating department,	238	
	<hr/>	245
Number of volumes missing since last report :		
Circulating department,		18
		<hr/>
		263
Net increase for the year,		2,956
Number of volumes in the library as last reported :		
Green Library,	20,109	
Intermediate department,	11,161	
Circulating department,	21,526	
	<hr/>	52,796
Total number of volumes in the library,		55,752
Increase of unbound pamphlets by purchase :		
Green Library,	5	
Intermediate department,	31	
	<hr/>	36
Increase of unbound pamphlets by gifts :		
Green Library,	1	
Intermediate department,	440	
	<hr/>	441
Total increase for the year,		477
Number of newspapers subscribed for :		
Reading-room fund,		92
Number of newspapers given to the reading-room,		40
Number of magazines subscribed for :		
Reading-room Fund,	72	
Green Library Fund,	11	
City funds,	18	
	<hr/>	101
Number of magazines given to the reading-room,		10

CIRCULATION.

Number of days the Circulating department was open,	308
Number of days the Reference department was open,	360
Number of days the lower Reading-room was open,	365
Number of volumes delivered for home use,	114,845
Number of volumes delivered for reference use,	48,846
Average daily use (home and reference), (Circulating department,	
373, Reference department, 159),	531

Largest daily use (home and reference), January 18,	1,261
(Largest in Circulating department, March 11, 886 volumes; in Reference department, January 18, 844 volumes.)	
Smallest daily use (home and reference), July 25,	210
(Smallest in Circulating department, Sept. 7 and 11, 147 volumes; in Reference department, August 5, 14 volumes.)	
Number of books lost and paid for:	
Circulating department,	4
Number of books lost, and not paid for:	
Circulating department,	14
Number of books worn out and withdrawn:	
Intermediate department,	7
Circulating department,	238
Number of notices to delinquents,	4,930
Number of volumes bound,	1,031
Number of names registered during the year,	1,698
Total number of names registered (a new registry made July 1, 1873),	21,768

SUNDAY USE.

The reading-rooms are open from 2 to 9 P. M.	
Number of persons using the upper room,	4,872
Number of persons using the lower room,	10,074
Total number,	14,946
Average number of persons per Sunday using the rooms,	287
Largest Sunday attendance, February 19,	428
Smallest Sunday attendance, August 6,	113
Number of volumes delivered (for use within the building),	2,143
Average number of volumes delivered per Sunday,	41

SAMUEL S. GREEN, *Librarian.*

APPENDIX.

GIFTS TO THE LIBRARY.

DONORS.	Books.	Pamphlets	DONORS.	Books.	Pamphlets
Adams, Charles F., 1 sheet,		2	Beach, S. C.,	1	1
Agassiz, A., Museum of Comparative Zoology, <i>Cambridge</i> ,		8	Bigelow Free Public Library,		
Allen, Charles H.,		1	<i>Clinton</i> ,		1
Allen, Edward G., <i>London, Eng.</i> ,	2	2	Birmingham Free Libraries,		1
Allen, J. H., <i>Cambridge</i> , 1 calendar,		1	Bliss, E. F., <i>Cincinnati, O.</i> ,	1	
Allen, William F., <i>Madison, Wis.</i> ,		1	Boston, City of,	1	
American Antiquarian Society,		1	City Council,	5	
American Board of Commissioners for Foreign Missions,	1	10	City Council, <i>through the Mayor</i> ,	7	2
American Institute of Mining Engineers,	1	7	Boston Athenæum,	1	
American Iron and Steel Association,	1		Boston Public Library,	1	4
American Social Science Association, <i>through Mrs. Emily Talbot</i> ,	1		Boston University,		2
American Unitarian Association,	3		Bowdoin College,	2	1
Amherst College Library,			Bradlee, C. D., <i>Boston</i> , 1 sheet.		
Anagnos, M., <i>South Boston</i> ,			Brazilian Centennial Commission, <i>Philadelphia</i> , 1 map.		
Anglin, James & Co., <i>Washington, D. C.</i> ,		2	Bridgeport Public Library and Reading Room,		1
Anonymous, 3 newspapers, 4 sheets, specimen sheet and plate, 1 card,	9	27	Brookline Public Library,	1	1
Anonymous, <i>through Appleton & Co.</i> ,	1		Brooklyn Library, 1 sheet,		1
Appleton, Francis H.,		1	Brown, A. B.,	4	
Apprentices' Library, <i>New York City</i> ,	1		Brown, Sylvester,		1
Archæological Institute of America,	1		Brown University,		1
Arundel Society,		1	Bureau de la Revue des deux Mondes,		1
Astor Library, <i>New York City</i> ,		2	Byington, E. H., <i>Monson</i> ,		1
Baker, Mrs. F. M., 1 sheet.		2	Cambridge Public Library,		1
Bank of North America, <i>Philadelphia</i> ,	1		Chadwick, James R.,	2	1
Barnes, A. S. & Co., <i>New York City</i> ,	1	1	Chamberlain, W. E.,	3	
Barton, Wm. S.,	38		Chaney, George L.,	1	1
Bassett, H. F., <i>Waterbury, Ct.</i> ,		3	Chapin, Louisa T.,	1	
			Chicago Public Library,		1
			Childs, George W., <i>Philadelphia, Pa.</i> ,		1
			Cincinnati Public Library,	2	1
			Civil Service Reform Association, <i>New York</i> , 1 tract,		2
			Clarke, Robert & Co., <i>Cincinnati, O.</i> ,	1	
			Cobden Club, <i>London, Eng.</i> ,	7	
			Collet, C. D., <i>London, Eng.</i> , 1 folded sheet,	10	41
			Concord Free Public Library,		1
			Concord (N. H.) Public Library,		1

DONORS.	Books.	Pamphlets	DONORS.	Books.	Pamphlets
Connecticut Agricultural Experiment Station,			Hall Edward W., <i>Waterville, Me.</i> ,	1	
Cornell University,	1	3	Hallam, John, <i>Toronto</i> ,		1
Cox, William R., M. C., 1 card,		1	Hammond, Lewis W.,	1	1
Crothers, T. D.,		1	Hampton Normal and Agricultural Institute,		1
Cutter, C. A., <i>Boston</i> ,	1	1	Harlan, Caleb, <i>Wilmington, Del.</i> ,	1	
Dalton, J. G., <i>Boston</i> ,	1		Harris, Clarendon,	19	2
Dartmouth College, <i>Hanover, N. H.</i> ,			Hartford Library Association,		2
Davis, Andrew McF., <i>San Francisco, Cal.</i> ,		1	Hartford Steam Boiler Inspection and Insurance Co.,	1	
Delaware Historical Society,	1		Harvard University,		1
Detroit Public Library,	1		Harvard University, <i>through Justin Winsor</i> ,		2
Dewey, F. H.,	14	10	Hathorne, Wm. H., 1 circular.		
Dewhurst, George C.,	1		Heywood, E. H.,		1
Dexter, George,			Hibbert, James, <i>Preston, Eng.</i> ,		1
Dexter, Julius, <i>Cincinnati, O.</i> ,	2		Hoar, George F., <i>U. S. S.</i> , 1 card,	14	12
Dimmock, George, <i>Cambridge</i> ,	1		Holland, Frederic May,	2	
Drew, Allis & Co.,	1		Howard University,		1
Dundee Free Library, <i>Dundee, Scotland</i> ,			Howland, Henry J.,	5	
Everett, Richard J.,	1		Hoyt, A. H., 1 sheet.		
Fisk & Hatch, <i>New York</i> ,	1		Hunt, R. Sterry, <i>Montreal</i> ,		2
Fitch, Fannie E., 1 sheet.			Huntington, William R.,	2	1
Fletcher Free Library,			Incorporated Law Society of the United Kingdom,	1	
Foster W. E.,	1		Indianapolis Public Library,	1	1
Fox, George W., <i>Boston</i> ,			International Committee Young Men's Christian Association,		1
Francis, George E.,	2	3	Jameson, James F.,		1
Friends Free Reading Room and Library, <i>Germantown, Pa.</i> ,		2	Jenkins, E. M., <i>New York</i> ,		1
Frothingham, J. E., 1 sheet.			Johns Hopkins University,		3
Galvin, Edwin I., <i>Chicago, Ill.</i> ,		1	King, Moses. <i>Cambridge</i> ,		3
Gardiner, James T.,	1		Kingsbury, F. J., 2 maps.		
Gaskill, Francis A.,	1		Koehler, S. R., <i>Boston</i> ,		1
General Society of Mechanics and Tradesmen, <i>New York City</i> ,			Lancaster Town Library,	1	1
Georgetown, Town of,			Lawrence Free Public Library,		2
Gerard, W. R.,			Leavitt, George A. & Co., <i>New York</i> ,		3
Gilbert, Frank,	1		Leeds Public Library,		1
Gold, T. S., Secretary Connecticut Board of Agriculture,		3	Lehmann, T.,		2
Gorham Manufacturing Co.,	1		Leicester Free Public Library,		1
Gould, George, <i>Bermondsey, Eng.</i> ,		1	Leyboldt, Frederick,	1	1
Green, Samuel A., <i>Boston</i> ,	4	5	Library Company of Philadelphia,		1
Green, Samuel S., 1 paper, 2 sheets,	1	21	Lincoln, Edward W.,	1	1
Green's Son, S. W., <i>New York</i> ,		1	Lincoln, Marvin, Auditor, <i>Mal-den</i> ,		1
Grinnell, J. B.,	1		Lincoln, Robert S., Secretary of War,		1
Hall, Edward H.,	18	1			

DONORS.	Books.	Pamphlets	DONORS.	Books.	Pamphlets
Linderfelt, K. A., Librarian Public Library, Milwaukee,	1		Monson Free Library and Read- ing Room Association,		1
Liverpool, <i>Eng.</i> , Free Public Library,			Morley, Frederick,	1	
Locker, Frederick, <i>London</i> ,	1		Morse Institute, <i>Natick</i> ,		1
Long Island Historical So- ciety,	1		Museum of Fine Arts, School of Drawing and Painting, <i>Boston</i> ,		1
Lowell City Library,		1	Nagle, John F., <i>New York</i> ,		2
Lynn Public Library,		2	National Association of Wool Manufacturers,	1	
McAllister, William Y.,	1		New Bedford Free Public Li- brary,		1
McCalla & Staveley,		1	New Haven Young Men's Insti- tute,		1
McGovern, John,	1		New Jersey State Library,	3	
Macullar and Son,		2	New York State Library,	2	
Manchester, <i>Eng.</i> , City of,		1	Newburyport Public Library,		2
Manchester, N. H., City Li- brary,		4	Newton Free Library,		1
Marble, Albert P.,			Nicoletti, Alfred,		1
Marshall, B. D.,	1		Noake, Mrs., <i>Worcester, Eng.</i> ,	1	
Massachusetts, Adjutant Gen- eral's Office,	1		Noake, John, <i>Worcester, Eng.</i> ,	1	
Board of Education,	8		Northborough Free Library,		1
Board of Railroad Commis- sioners,	1		Northrop, B. G., <i>Clinton, Conn.</i> ,		1
Bureau of Statistics of Labor,	4		Noyes Henry D. & Co., <i>Boston</i> ,		1
Secretary of the Common- wealth,	5		Ohio Mechanics' Institute,		3
State of,	5		Otis, B. F., <i>Newton</i> ,	1	
State Board of Health,			Paine Nathaniel,		2
State Board of Health, Lu- nacy, and Charity,	2		Panin, Ivan, <i>Cambridge</i> , 1 Broad- side,		1
State Library,	1	2	Parker, John Henry, <i>Oxford</i> , 1 map,		
State Lunatic Hospital, <i>North- ampton</i> ,			Peabody Institute, <i>Danvers</i> ,		1
State Lunatic Hospital, <i>Wor- cester</i> ,		1	Peabody Institute, <i>Peabody</i> ,		1
State Normal School, <i>Wor- cester</i> ,		2	Peabody Library, <i>Georgetown</i> ,		1
Massachusetts Society for the Prevention of Cruelty to Children,			Peaslee, John B., Superin- tendent Cincinnati Public Schools,		1
Maxwell, Mrs. S. B.,	1		Pendleton, George H., <i>Cincinnati</i> , <i>O.</i> , 1 tract.		1
May, Joseph, <i>Philadelphia, Pa.</i> ,	1		Perkins, Fred B., <i>San Francis- co, Cal.</i> ,		1
Mears, E. N. K.,	1		Philadelphia Board of Directors of City Trusts,		1
Melrose Public Library,		1	Phillips, George W.,		1
Mercantile Library Association, <i>New York</i> ,		1	Phillips Exeter Academy, <i>Exe- ter, N. H.</i> ,		1
Mercantile Library Association, <i>San Francisco, Cal.</i> ,		1	Plymouth, <i>Eng.</i> , Free Public Library,		1
Mercantile Library Company, <i>Philadelphia</i> ,		2	Plymouth Public Library,	1	
Mitchell Library, <i>Glasgow, Scot- land</i> ,		1	Poole, William F.,		1
			Porter, Edward G., <i>Lexington</i> ,		1
			Porter, Samuel A.,	6	5

DONORS.	Books.	Pamphlets	DONORS.	Books.	Pamphlets
Portland Public Library, 1 newspaper.			Stoddard, E. B.,	1	1
Providence Athenæum,			Swedenborgian Organization, A,		
Providence Public Library,		2	<i>through Rufus Fuller,</i>	6	
Public School Library, <i>Cleveland, O.,</i>		2	Taunton Public Library,		1
Publishers of Alta Californian,			Thayer, George A.,		1
<i>San Francisco, Cal.,</i>	1		2 Thayer Academy, <i>Braintree,</i>		1
Publishers of Connecticut Courant,			Thomas, E. I., <i>Brookline,</i>		1
Publishers of Daily Graphic,			Thurber, Samuel, <i>Boston,</i>		1
<i>New York,</i>	1		Ticknor, A. E.,		1
Publishers of the Musical Times,	3		1 Tison, Alexander, Librarian of Olivet College,		1
Raymond, W.,		2	Toledo Public Library,		1
Reid, J. A. & R. A.,	1		Tufts College,		2
Rice, W. W., <i>M. C.,</i> 1 newspaper,	15		United States:		
Robinson, Mrs. H. H.,		8	Bureau of Education,		4
Roffe, A. H. & Co.,		1	Chief of Engineers,	6	1
Rotherham Free Public Library,			Chief of Signal Office,	1	
Ruggles, Frank W.,	1		Department of the Interior, 1 map, 16 sheets,	47	42
St. Agnes School,		1	Department of the Treasury,	1	
St. Louis Mercantile Library Association,			Department of War, 7 maps,	2	
St. Louis Public School Library,		1	Naval Academy, <i>Annapolis, Md.,</i>		1
Salisbury, Stephen,	1		2 Naval Observatory,	2	
Salisbury, Stephen, Jr.,			Senate, 3 sheets,		1
San Francisco Free Public Library, 2 sheets,	1		1 Surgeon General's Office,	1	
Savory, John, <i>Washington, D. C.,</i>	1		Uxbridge Free Public Library,	1	
Seymour, Horatio, <i>Utica, N. Y.,</i>		3	4 Vivarttas, Aloha,		1
Sheffield Scientific School, <i>through S. W. Johnson,</i>		3	Walker, A. G.,		1
Sheridan, P. H.,		8	1 Walker, J. H.,	4	
Smith, Henry M.,	3		Wall, Sarah E.,	1	
Smithsonian Institution,	3		6 Washburn, John D.,	1	
Society for Political Education,	1		Washburn & Moen Manufacturing Co., 1 photograph, 2 sheets,	1	10
Southbridge Public Library,			Watertown Free Public Library,		1
Southwick & Jencks,		1	Wayland, H. L.,		3
Spelling Reform Association, 3 sheets,			Weidmannsche Buchhandlung, <i>Berlin,</i>		1
Springfield City Library Association,			Wellington & Burrage,		1
Staples, Hamilton B.,			1 Wells, B. T.,		1
Steiger, E. & Co.,			1 Wheeler, George W.,		1
Stennett, W. H., <i>Chicago, Ill.,</i>			Wheeler, Leonard,		1
Stirling's and Glasgow Public Library,		5	Whiting, Charles B. & Co., 1 circular, 1 sheet.		
			1 Williams College,		1
			1 Willis, Henry, <i>Worcester, Eng.,</i>	8	2
			1 Winsor, Justin, <i>Cambridge,</i>		5
			1 Wisconsin Academy of Sciences, Arts and Letters,	4	
			1 Woburn Public Library,		1

DONORS.	Books.	Pamphlets	DONORS.	Books.	Pamphlets
Woman's Medical College, <i>Philadelphia, Pa.</i> ,			Worcester Lyceum and Natural History Association, 1 circular.		
Worcester, <i>Eng.</i> , Public Library Committee,	14	1	Worcester Society of Antiquity,		5
Worcester, City of,	1	11	Wyman, W. H., <i>Cincinnati, O.</i> , Yale College,		1
City of, through <i>H. Griffin</i> ,	1	2	Young Men's Association, <i>Buffalo, N. Y.</i> ,		3
City of, through <i>H. A. Marsh</i> ,	1	5	Young Men's Christian Association, <i>New York</i> ,		1
City of, through <i>E. O. Parker</i> .	1	2	Young Men's Library Association, <i>Ware</i> ,		1
City Clerk,	3	6	Young Men's Mercantile Library Association, <i>Cincinnati, O.</i> ,		1
City Hospital,		1			
Superintendent of Schools,		1			
Worcester and Nashua Railroad Company,		1			
Worcester County Free Institute of Industrial Science,		1			
Worcester County Horticultural Society,	1				
				416	519

REPORT

OF THE

COMMITTEE ON THE LIBRARY.

To the Directors of the Free Public Library:

The Committee on the Library report that during the past year they have held fifteen meetings. They have recommended for purchase two thousand five hundred and twenty-three volumes, distributed as follows :

Green Library,	386
Intermediate Department,	465
Circulating Department,	1,672

The details of the management and use of the Library are so fully considered in the report of the Librarian, that it is unnecessary for us to deal with this matter.

We desire to commend, in the heartiest manner, the faithful and intelligent service rendered by the Librarian and his assistants, which promotes so effectively the usefulness and value of the Library.

For the Committee,

F. A. GASKILL,
Chairman.

REPORT
OF THE
COMMITTEE ON THE READING ROOM.

To the Directors of the Free Public Library:

The Committee on the Reading Room finds it unnecessary to make any remarks in regard to the affairs under its charge, and begs leave to refer to the appended lists for the information annually given in its report.

The Committee takes especial pleasure in calling attention to the list of persons and firms who have given periodicals to the reading-room during the past year, and thanks them for adding, by their gifts, to the means of instruction and entertainment placed at its disposal and that of the Board of Directors.

WM. DICKINSON,
FRANCIS H. DEWEY, } *Committee.*
THOMAS J. CONATY, }

PERIODICALS AND PAPERS ADDED TO OUR LIST DURING THE YEAR.

Albany Evening Journal.	Evening Star, Washington.
American Art Journal.	Philadelphia Press.
Coal.	Photographic Times.
Eclectic Magazine.	

PERIODICALS DISCONTINUED DURING THE YEAR.

Albany Weekly Journal.	North American, Philadelphia.
Monthly Index.	Oriental Church Magazine.

GIFTS TO THE READING-ROOM.

American,	Publishers.
American Gas Light Journal,	G. Warren Dresser, Editor.
American Journal of Education,	J. B. Merwin, Editor.
American Machinist,	Proprietors of the Spy.
Baptist Missionary Magazine,	F. A. Gaskill.
Berrow's Worcester Journal,	Charles H. Birbeck, Proprietor.
Bulletin of the National Association of Wool Manufacturers,	Association.
Christian Leader,	Universalist Publishing House.
Christian Register,	American Unitarian Association.
Congressional Record,	W. W. Rice.
Courier de Worcester,	Publishers.
Cultivator and Country Gentleman,	Proprietors of the Spy.
Donahoe's Magazine,	Thomas J. Conaty.
Engineering,	Publishers.
Fargo Republican,	George G. Beardsley.
Fitchburg Weekly Sentinel,	Sentinel Printing Company.
Fonetic Techer,	Editor.
Freidenker,	Publishers.
Hawaiian Gazette,	George F. Hoar.
Index,	Sarah F. Earle.
Locomotive,	J. L. Smith.
Maine Farmer,	Proprietors of the Spy.
Massachusetts Ploughman,	Proprietors of the Spy.
Missionary Herald,	Publishers.
Monthly Notes of the Library Asso- ciation of The United Kingdom,	S. S. Green.
Musical Herald,	Publishers.
New England Farmer,	Proprietors of the Spy.
New England Staaten Zeitung,	Publishers.
Official Gazette of the U. S. Patent Office,	United States Patent Office.
Our Dumb Animals,	Publishers.

*Our Union,	Woman's Christian Temperance Union.
†Owlet,	S. S. Green.
*Platonist,	Publishers.
Public Ledger,	George W. Childs, Proprietor.
*Sändebudet,	Albert F. Ericson.
*Sanitary Engineer,	Proprietors of the Spy.
Signs of the Times,	Eliza Thayer.
Southern Workman,	Mrs. P. S. L. Canfield.
Sunday Herald,	Anonymous.
Travailleur,	Publishers.
Tuftonian,	Tufts College.
Unitarian Review and Religious Magazine,	American Unitarian Association.
Universalist Quarterly,	S. D. Harding.
*Ward's Natural Science Bulletin,	Publishers.
Watchman,	Publishers.
Woman's Journal,	Sarah F. Earle.
Worcester Daily Spy,	Publishers.
Worcester Daily Times,	Publishers.
Worcester Evening Gazette,	Publishers.
World's Crisis,	Publishers.
Yarmouth Herald,	Nova Scotia Steamship Company.
Zion's Herald,	Unknown.

*Discontinued.

†Publication stopped.

REPORT

OF THE

COMMITTEE ON THE BUILDING.

To the Directors of the Free Public Library :

The Committee on the Building begs leave to call the attention of the Board of Directors to the fact stated in its last report, that money would "soon have to be spent in renewing the timbers and floors in the northern portion of the basement, and in laying new floors in the first story." It also stated that it would be desirable to use tiles in re-laying the floor of the hall, as this is a thoroughfare for all persons who enter either the Circulating or Reference departments, which is constantly in use. The time has now come, in the opinion of the Committee, when it is imperative to re-lay the floors, and it recommends that an appropriation be asked from the city government for doing this work, and that a large enough sum be asked for to make it possible to use tiles for paving the hall.

It is estimated that \$500 would be needed in doing the work required.

It having been recently discovered that the Library building was filled with sewer gas, an investigation was made, which disclosed the fact that it had become necessary to renew the duct at once. The Committee, therefore, ordered the needed work to be done, and will have to ask the city to pay the bill for the same, amounting, probably, to about \$150.

In addition to the sums of money required for re-laying the

floors and renewing the sewer, the Committee asks that the following items be inserted in the estimates for the ordinary expenses of the present year, namely :

For Gas,	\$900 00
Water,	80 00
Coal and wood,	350 00
Ordinary repairs, furniture, brushes, etc.,	300 00
Shelving,	50 00
Insurance on the boiler,	25 00

For the expenditures of the past year, made under its supervision, the Committee begs to refer the Board of Directors to the report of the Finance Committee.

SAMUEL D. HARDING,	} <i>Committee.</i>
WM. DICKINSON,	
S. A. PORTER,	

R E P O R T

OF THE

COMMITTEE ON FINANCE.

To the Directors of the Free Public Library :

The Finance Committee herewith submit the financial statements of the Free Public Library and the Green Library Fund for the year ending November 30, 1882. The result showing the present amount of the Green Library Fund to be \$39,883.32, an increase from the previous year of \$570.32.

The amount of the City appropriation last year was \$12,000, and from the Dog money, Fines and Miscellaneous receipts at library \$3,071.21, making a total of resources of \$15,071.21, and the expenditures were \$15,063.37, leaving only a balance of \$7.84.

We are of the opinion that the expenditures have been judiciously made and could not consistently have been reduced.

The expenditures of the coming year must necessarily be larger, on account of the printing of a new Catalogue as recommended by the Librarian, and the repairs in the Building deemed necessary by the Building Committee.

A very considerable increase in the City appropriation for the coming year will be necessary on these accounts in order that the amount for the purchase of books may not be reduced, and the Committee herewith present for your approval their estimates of the expenditures for the coming year.

The Committee desire to express their appreciation of the accurate and clear method in which all the accounts of William S. Barton, Esq., the City Treasurer, are kept relative to the funds of the Library, and the value of the services of our Librarian as an economical administrator of its funds.

FRANCIS H. DEWEY,
SAMUEL D. NYE,
L. W. HAMMOND,

Finance Committee.

CITY APPROPRIATION.

Financial Statement for the year ending November 30, 1882.

RESOURCES.

City appropriation,	\$12,000 00
Dog money,	2,676 37
Fines and miscellaneous receipts at library,	394 84
	<hr/>
	\$15,071 21

EXPENDITURES.

Binding,	\$781 36
Printing lists of additions,	99 71
Other printing and charging slips,	102 65
Freight (foreign and domestic), postage stamps, ex- pressage, &c.,	335 57
Paper for covering books, stationery,	96 42
Postal cards,	60 00
Cards for cataloguing,	14 00
Ordinary repairs, furniture, brushes, &c.,	275 27
Coal and wood,	299 05
Gas,	892 84
Water,	79 08
Salaries of assistants,	2,865 33
Salary of Librarian,	2,500 00
Wages of Janitor and Messenger,	487 50
Additional library service,	809 89
Insurance,	302 50
Cataloguing,	429 64
Books,	3,408 96
Paper to be used in printing catalogue,	1,223 60
	<hr/>
	\$15,063 37
Balance to sinking fund,	7 84
	<hr/>
	\$15,071 21

FRANCIS H. DEWEY,	}	<i>Finance Committee.</i>
SAMUEL D. NYE,		
L. W. HAMMOND,		

THE GREEN LIBRARY FUND.

The income for the year ending November 30, 1882, is as follows :

Interest on notes secured by mortgage,	\$1,643 74
Dividends on bank stock,	419 00
Bank tax refunded,	143 34
Dividends on savings bank deposits,	14 68
Interest on national bank deposits,	60 43
	<hr/> \$2,281 19

In accordance with the terms of the Will of Dr. Green, one-fourth part of the income, \$570.30, has been added to the permanent fund, and the remaining three-fourths, viz., \$1,710.89, has been transferred to the fund for the purchase of books.

STATEMENT OF THE PERMANENT FUND.

	Nov. 30, 1881.	Nov. 30, 1882.
Notes secured by mortgage,	\$31,451 00	\$27,776 00
Bank stock, par value,	7,300 00	7,300 00
Deposits in savings bank,	564 02	1,309 32
Deposits in national banks,		3,500 00
	<hr/> \$39,315 02	<hr/> \$39,885 32

STATEMENT OF BOOK ACCOUNT.

Balance on deposit December 1, 1881,	\$1,629 99
Three-fourths of income of permanent fund,	1,710 89
Interest on deposits, during the year,	23 91
	<hr/> \$3,364 79
Expended for books,	1,764 85
	<hr/> \$1,599 94
Balance on deposit November 30, 1882,	

FRANCIS H. DEWEY,	}	<i>Finance Committee.</i>
SAMUEL D. NYE,		
L. W. HAMMOND,		

REPORT OF THE TREASURER

OF THE

READING ROOM FUND.

The Treasurer of the Reading Room Fund respectfully presents the following statement of his receipts and expenditures for the year ending November 30th, 1882 :

RECEIPTS.

Balance as per last report,	\$472 99
Interest on mortgage notes,	260 00
“ “ City of Worcester bond,	300 00
“ “ U. S. “	20 00
Rebate on Magazines,	50
	<hr/> \$1,053 49

EXPENDITURES.

Subscriptions to newspapers and magazines,	\$740 95
Postage,	2 24
	<hr/> \$743 19
Balance of cash on hand,	310 30
	<hr/> \$1,053 49

The Reading Room Fund is invested as follows :

Mortgage notes,	\$5,000 00
City of Worcester bond,	5,000 00
U. S. four per cent. bond,	500 00
Savings bank deposit,	200 00
	<hr/>
Amount of fund,	\$10,700 00

L. W. HAMMOND, *Treasurer.*

The undersigned have examined the securities and vouchers in the hands of the treasurer, and find his accounts and statements correct.

FRANCIS H. DEWEY,
SAMUEL D. NYE,
Of Finance Committee.

WORCESTER, Dec. 19th, 1882.

REPORT

OF THE

COMMISSIONER OF HIGHWAYS.

To the City Council of the City of Worcester :

GENTLEMEN : —

In compliance with the requirements of the City Ordinances, I hereby submit my third annual report of the Highway Department, for the year ending November 30th, 1882, with a statement in detail of the expenditures and earnings, also a schedule of the property belonging to the department.

BLOCK PAVING.

Appropriation,	\$14,000 00	
Expended,	13,612 28	
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/>	
Balance unexpended,		\$387 72

FRONT STREET.

The order for paving Front street from Salem Square to the old location of the railroad tracks across the common, has been executed and the cost of the materials and labor is

\$10,840 87

GRAFTON STREET.

Grafton street has been paved from the south track of the Boston and Albany railroad a distance of 200 feet. Expense,

1,728 15

MANCHESTER STREET.

A portion of Manchester street has been paved with old blocks. Expense,

1,043 26

Total for Block Paving,	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/>	\$13,612 28
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CURB STONE, GUTTER AND CROSSWALKS.

The following amount of work has been done at the expense of the City :

Amount of new curb set,	13,426.3 lineal feet.	
“ “ curb reset,	1,329.5 “ “	
Total number of feet set,		14,755.8
Amount of new gutter paving,	5,879.8 square yards.	
“ “ gutter paving relaid,	370.5 “ “	
“ “ new crosswalk paving,	244.1 “ “	
“ “ crosswalk paving relaid,	87.5 “ “	
Total amount of paving laid,		6,581.9
Amount of new flagstone,	1,426.1 lineal feet.	
“ “ flagstone relaid,	332.5 “ “	
Total amount of flagstone laid,		1,758.6
Number of street corners, new,	24	
“ “ “ reset,	3	
Total number of corners set,		27

The location and cost of the above work is as follows :

ALLEN STREET.

South side, from Main street to the estate of Willard Ward. Expense,	\$446 28
--	----------

AUSTIN STREET.

South side, from the westerly terminus of the present walk west of Newbury street to Queen street. Expense,	585 28
---	--------

BELMONT STREET.

North side, from Oak Avenue to the easterly line of the estate of Wm. Dickinson. Expense,	582 61
---	--------

CAMBRIDGE STREET.

South side, from the Church of the Sacred Heart to Sheridan street,	164 92
---	--------

CAMBRIDGE STREET.

North side, from Southbridge street to the west line of the estate of John R. Thayer. Expense,	678 08
--	--------

COLUMBIA STREET.

South side, from the easterly end of the present walk to Arlington street,	411 34
--	--------

CATHARINE STREET.

South side, from Lincoln street to Channing street. Expense, 1,172 52

CLAREMONT AND WOODLAND STREETS.

South side of Woodland street, and on the east side of Claremont street, in front of the estate of O. W. and J. A. Norcross, 738 42

FOX STREET.

North side, from Water street easterly 760 feet. Expense, 925 03

GREEN STREET.

West side, in front of the estate of Mrs. Richard Ball. Expense, 58 76

GROVE STREET.

West side, from Salisbury street to a point 980 feet northerly therefrom. Expense, 896 64

HANOVER STREET.

East side, in front of the estate of Geo. F. Hewett. Expense, 151 11

JEFFERSON STREET.

South side, from Vernon street to Arlington street. Expense, 1,084 90

LINCOLN STREET.

West side, from the northerly terminus of the present walk, a distance of 475 feet, 548 80

MAIN STREET.

South side, from Hammond street to Ripley Street. Expense, 414 14

MAIN STREET.

From Ripley street southerly 115 feet, 206 43

MAIN STREET.

On Court Hill, 11 47

MAY STREET.

South side, from Woodward street easterly, a distance of 241 feet. Expense, 203 54

MAPLE STREET.

South side, from Main street to the easterly terminus of the present walk. Expense, 198 33

NEWBURY STREET.

East side, from Austin street to Chandler street. Expense, 276 90

PIEDMONT STREET.

West side, from Austin street to Pleasant street. Expense, 799 54

SOUTHBRIDGE STREET.

East side, from the north line of Chandler and Carr's store to Washburn street. Expense, 696 48

UNION AVENUE.

North side, from Ward street to Vernon street.	Expense,	602 11
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UNION STREET.

East side, from Lincoln Square southerly, a distance of 412 feet.	Expense,	455 18
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WACHUSETT STREET.

East side, from Dix street to Highland street.	Expense,	666 14
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WATER STREET.

West side, from Winter street southerly, a distance of 827 feet.	Expense,	744 94
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WILLIAM STREET.

North side, from Fruit street to Sever street.	Expense,	301 81
--	----------	--------

CROSSWALKS.

Hammond street at Beacon street,	40 10
Harrison street,	33 18
Sycamore street,	4 07
Pleasant street,	11 53
Elm street,	37 13
Foster street,	16 36
Main street,	66 42
Lamartine street,	9 16
Temple street,	44 58
Webster Square,	45 53
Oak Avenue,	18 80
Ripley street,	15 95
Quinsigamond,	47 61
Water street,	39 18
Irving street, concrete,	23 00
Relaying gutter and resetting curbstone on sundry streets,	115 40
Patching sundry walks,	203 28
Engineering,	159 10

Total expense,	\$14,952 03
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Appropriation for curb, gutter and crosswalks,	\$20,000 00
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Expended,	14,952 03
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Balance unexpended,	\$5,047 97
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MAINTENANCE.

The expenses for repairing streets, bridges, street cleaning, breaking out roads and Macadamizing are as follows :

Repairs on bridges,	\$ 849 03
Street cleaning,	5,083 47
Snow and ice,	3,279 00
Incidental labor,	834 07

	\$10,045 57
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MACADAM.

Following is a list of streets of which the whole or a portion have been Macadamized the present year and the cost of the same :

Millbury	street,	\$4,772 84	Grafton	street,	\$509 74
Main	"	2,934 53	Plymouth	"	508 88
Southbridge	"	1,933 02	Chatham	"	207 85
Mechanic	"	1,141 12	Church	"	200 00
Pleasant	"	1,666 80	Myrtle	"	141 45
Elm	"	1,423 51	Trumbull	"	197 09
Summer	"	8,872 22	Union	"	287 77
Chandler	"	426 65			
Exchange	"	507 76	Total for Macadamizing, \$26,318 33		
Lincoln	"	587 10			

REPAIRS ON STREETS AND ROADS.

Agricultural	street,	\$38 10	Flagg	street,	\$35 90
Adams	"	34 10	Grove	"	511 12
Austin	"	119 85	Green lane,		40 52
Assonet	"	20 50	George	street,	64 87
Apricot	"	8 90	Granite	"	195 95
Belmont	"	729 20	Grafton	"	1,292 89
Beacon	"	145 05	Grand	"	25 00
Bloomington	"	236 95	Greenwood	"	581 20
Barclay	"	78 40	Gates lane,		8 90
Border	"	13 45	Hammond	street,	14 00
Brattle	"	74 40	Hamilton	"	22 00
Blithewood	"	16 65	Holden	"	36 85
Burncoat	"	69 00	Harrington court,		44 60
Boylston	"	87 25	Harrison	street,	40 00
Bigelow	"	31 43	Heard	"	34 90
Bartlett place,		18 15	Harlem	"	23 50
Crescent	street,	17 70	Harrington	"	31 70
Chandler	"	1,398 03	Highland	"	173 30
Cambridge	"	347 80	Harrington avenue,		11 60
Canterbury	"	15 60	Harvard	street,	108 90
Cliff	"	16 65	Kendall	"	211 48
Chester	"	44 78	Kingsbury	"	34 90
Coral	"	108 10	Lafayette	"	64 65
Clarkson	"	14 35	Leicester	"	872 64
Catharine	"	14 40	Lamartine	"	37 02
Channing	"	27 60	Ledge	"	12 30
Clark	"	36 50	Liberty	"	23 20
Douglass	"	24 45	Laurel	"	61 20
Davis court,		26 85	Larch	"	9 08
Dix	street,	7 80	Ludlow	"	36 50
East Central	"	57 00	Lovell	"	20 75
Elizabeth	"	17 75	Lodi	"	8 20
Earl	"	8 60	Millbury	"	756 35
Edward	"	8 60	Mill	"	18 00
Ellsworth	"	18 25	Mead	"	34 62
Eastern avenue,		31 90	Mower	"	18 25
Edgeworth	street,	18 25	Mooreland	"	73 00
Franklin	"	18 00	Mendon	"	53 15
Foster	"	231 48	Mott	"	9 40

Millbury avenue,	\$157 85	Southbridge street,	\$927 58
Millbrook street,	52 65	Sundry streets,	131 94
Mountain "	69 80	South Irving street,	74 90
Mason "	15 85	Stafford "	162 25
May "	15 85	Shrewsbury "	3,897 50
Milton "	54 75	Shelby "	86 20
North "	43 78	Spurr "	83 30
Newbury "	23 90	Snyder "	49 10
Newton "	41 70	Sever "	117 15
Norwich "	21 55	Salisbury "	299 80
Newport "	8 60	Sudbury "	50 53
Normal "	17 10	State "	16 50
Nelson court,	22 17	Union avenue,	23 20
North Ashland street,	16 50	Upland street,	17 40
Nixon "	18 25	Vernon "	379 95
Oak avenue,	141 00	Wyman "	20 95
Olean street,	53 95	Water "	66 60
Piedmont "	530 95	Whipple "	17 45
Park avenue,	37 65	Wellington "	58 50
Plantation street,	524 80	Waverley "	44 10
Paxton "	109 50	Webber "	23 25
Prescott "	25 00	Webster "	33 30
Penn avenue,	66 10	Ward "	145 00
Pattison street,	31 83	Winter "	25 00
Plymouth "	21 40	Westminster "	20 50
Pleasant "	661 99	West "	16 50
Prospect "	54 40	William "	39 60
Providence "	9 60	Woodland "	9 80
Quinsigamond avenue,	379 51	West Boylston "	119 80
Rice court,	23 25		
Reservoir street,	8 60	Total for repairs on sts.,	\$20,216 97
Ripley "	38 73		
Suffolk "	76 55	Total for maintenance,	\$56,580 87

EXPENDITURES.

Salary of Commissioner,	\$ 1,691 76
Labor as per pay roll,	52,601 58
" " hired teams,	18,730 08
" " breaking roads,	195 03
" " sundry persons,	941 04
Lumber,	1,252 53
Hay and grain,	4,823 43
Curb stone 17,305 8-12 lineal feet,	6,942 70
3,495 1-12 lineal feet flagstone,	1,553 89
500,000 bricks, including freight,	6,192 70
1.125 tons cobble stones,	1,123 41
20,000 tons crushing stone,	11,032 14
Wall stone and gravel,	773 43
Paving,	6,428 40
5,480 square yards paving blocks	10,138 09
Tools and repairs,	2,250 76
Repairs on engine and crusher,	614 39
Fuel used at crusher,	662 70

Shoeing,	437 15
Round corners,	206 00
Live stock,	1,372 55
Rolling stock,	2,374 20
Engineering,	529 65
Drain pipe, cement, powder and fuse,	26 78
Advertising, writing, printing and stationery,	424 97
Maintaining water troughs,	54 25
Insurance on stables,	40 00
Water at stables;	95 00
Blankets, medicines, &c., at stables,	122 50
Fuel and lights at stables,	68 10
Hack hire,	6 00
Damages allowed for injury to persons and property,	866 00
Transferred to street construction account,	2,400 00
	<hr/>
Total expenditures,	\$136,971 21

RECEIPTS AND EARNINGS.

APPROPRIATIONS.

Highways,	\$60,000 00
Block paving,	14,000 00
Curbstone, gutter and crosswalk,	20,000 00
	<hr/>
	\$94,000 00

STREET CONSTRUCTION.

Summer street,	\$19,561 89
Park avenue,	1,656 97
Cambridge street,	3,717 18
Ingalls street,	49 95
Wade street,	47 00
Fox street,	172 00
Ætna street,	691 70
Chandler street,	1,615 77
Cutler street,	169 20
Union avenue,	114 00
Beaver street,	1,794 70
Millbury street,	782 44
Portland, Madison and Southbridge streets,	562 37
Wachusett street,	180 80
Hospital street,	959 45
	<hr/>
	\$32,075 42

SIDEWALKS.

There have been laid 95 sidewalks and driveways for private parties, amounting to				\$8,187 30
For labor and material furnished City Hall,			\$ 33 70	
" " " " School Department,			156 40	
" " " " Water Department,			93 97	
" " " " Sundry persons,			6,903 78	
				<hr/>
				\$7,187 85
Total for receipts and earnings,				<hr/>
				\$141,450 57

REVENUE.

Collections, 1882.

Sidewalk assessments,	\$ 4,746 97	
Street construction,	32,075 42	
Labor and material,	4,876 95	
		<hr/>
		\$41,699 34

Uncollected bills, December 1st, 1882.

Sidewalk assessment,	\$3,440 33	
Sundry bills,	2,310 90	
		<hr/>
		\$5,751 23

It is the duty of the Commissioner of Highways to study, as best he may, how to make good streets, at the lowest possible cost, and this can only be done by close observation and practical experience in the management of this department. I wish to show as near as I can the relative cost of the different kinds of street repairs.

PAVING.

The cost of the paving for the past year will not vary much from \$2.50 per yard. In one mile of street 24 feet wide there are 14,080 yards of paving, costing in round numbers \$35,000. It will take a great many years to pave our streets when we take into consideration that our appropriation is only about enough annually to pave one half-mile of street. In the mean time our streets must be kept in good passable condition, and the question comes up how can this be accomplished in the cheapest and most practical way. In visiting other cities we find that Macadamizing is very largely practiced. Hartford in particular

expends almost the whole appropriation in this way ; they have no paved streets. The street commissioner considers it by far the most practical way to keep their streets in good condition. Their stone crushers, four in number, are located some three miles out from the city, and their stone has to be drawn from one to four miles when drawn upon the streets and put where wanted. New Haven has four stone crushers and uses a large proportion of her appropriation in Macadamizing. Boston, Springfield, Newton and Providence all have one or more stone crushers and they all speak very highly of Macadamized roads. My experience for the last two years leads me to recommend it as the cheapest way for us to have a smooth and serviceable road. The cost of Macadamizing or of paving is about as one to seven, putting on the Macadam eight inches in depth, which as a rule is as much as is generally practiced, except on heavily traveled streets. One mile of Macadam 24 feet in width and put on to the depth of 8 inches contains 3,129 yards, the cost per yard on the street will not vary much from \$1.50 per yard. This makes the cost of one mile of Macadamized street about \$4,693 ; or more than seven miles of good substantial street can be built at the same cost of one mile of paved street. These streets will not take care of themselves, but a little care and expenditure each year will keep them in good condition, except on some of our most traveled streets. They are much easier to ride over and far better for horses to travel on than paved streets. I think that such streets as Main, Union, Trumbull, a part of Southbridge and many others should be paved as soon as practicable, and that at least one mile of paving should be laid each year ; could that be followed up for a few years, many of our most traveled streets would be put in good permanent condition.

A liberal appropriation should be made for common repairs so that the streets of our city may be kept in first-class condition. I think our streets were never in better condition than at the present time, but we want to improve them still more. It is better and cheaper to repair a street a little before it actually needs it, than to wait until repairs are necessitated. A stitch in

time saves many on repairing streets. As near as we can estimate gravel costs applied to the streets about 75 cents per square yard; some of this gravel has to be drawn two miles or more and some of it is near at hand, but to average it, 75 cents per yard is not far out of the way. This is about half the price of Macadam, and where the travel is not too heavy answers a good purpose.

STEAM ROAD ROLLER.

All the cities previously named, except Springfield, have steam road rollers, and are of one mind as to their practical value, and that is that they are indispensable for the permanency and finish of Macadamized streets. They compress the material so solid that there is but little chance to form hollows or ruts. A picking arrangement is attached to the roller so that when repairs are made it is but little work to pick up the streets. I think the time will come when a roller of this kind can be used to advantage. The cost of a fifteen-ton roller is about \$6,000.

PERSONAL PROPERTY.

Live stock, 27 horses, 8 pigs,	\$5,100 00
Rolling stock and tools of all kinds,	3,700 00
Lumber, stone and brick,	700 00
Hay, grain and straw,	500 00
	<hr/>
	\$10,000 00

Respectfully submitted.

JOS. S. PERRY,

Commissioner of Highways.

REPORT

OF THE

BOARD OF HEALTH.

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

The report last year, that malaria had made its appearance, to a limited extent, within our borders, has been confirmed this year. Fourteen cases, after strict and diligent search have come to the knowledge of the Board. They were all mild, and as far as could be learned, had their origin on the borders of the Pine meadow swamp, or near the low grounds on the Island, at the foot of Gold street court and Assonet street. Both these places had previously been reported upon as unhealthy. We are pleased to observe, that now they are in the way of being permanently improved, and when the sewers in process of construction are finished, we feel confident that they will no longer prove foci of malarious diseases.

Typhoid fever prevailed to an alarming extent, in the months of the early fall, in the vicinity of the Southbridge street swamp. We are not able to report the number of cases, but the number of deaths was large. Here is a locality, that is in the highest degree foul, and pestilential. An immense body of shallow, dirty water, charged with the waste of cesspools, the washings of foul yards and privies, and the sewage of a large woolen factory, and covered with rank weeds and decaying vegetation, lies open to the sun, fermenting and rotting, and sends its poisonous exhalations far and wide over the neighborhood. It is a wonder that it has not hitherto made itself more decidedly,

and sensibly felt, and that scores, rather than tens, of that community, have not been stricken down by it. It generates, year by year, germs of disease, sufficient to poison the atmosphere of the entire city. Sooner or later it must be abated. This question we must meet squarely in the face, to devise some adequate means, to render it both more salubrious and safe. The Island sewer, we have no doubt, can easily dispose of the water, but what is to be done with the rank, and festering mass of filth and decay which will be left behind, is a more difficult and dangerous problem to solve. By a considerable outlay of money, it can be drained and covered up, but it is still an open question, if disease germs can be annihilated by simply putting their source out of sight. If the dirt, ashes and sweepings of the city could be placed at the disposal of your Board, an immense amount of clean healthy filtering material could here find a safe and profitable lodgment. Last year your Board urged in the strongest terms that this should be done. This year again, they feel called upon to urge it still more strongly. It is better in every way, to have it placed where it can be regulated and watched, than to have it scattered by irresponsible persons, here and there, around the whole city.

Early in the spring a single case of small-pox appeared in the city. It was a donation from the enterprising town of Millbury. It broke out in the wards of our new and clean City Hospital, a place most unfavorable and alarming, because it was surrounded on all sides by persons liable to contract the disease, by reason of their impaired vitality, and their necessary close contact with it. By prompt and vigorous action it was immediately removed to a place of safety, and so thoroughly isolated, that its baneful influence was completely stayed. No power, less absolute than that entrusted to a regularly organized Board of Health, could so promptly and so satisfactorily have managed it. And just here we would speak again, in the highest terms, of the usefulness of our little Hospital for contagious diseases. It is small to be sure, and entirely inadequate to the needs of a large city, but it is well appointed, it is instantly available, and in an important juncture like this, is simply invaluable.

The question of house drainage, water closets, privies and cesspools continues to be a troublesome and perplexing one. The number of cases under this head, have been this year, three hundred and thirty-three, against one hundred and sixty-eight last year. Your Board, fully convinced of the failure of the present plan to meet the constantly increasing complaints which crowd upon them from this source, have concluded to attack it in a new way, and by improved methods. In the month of September, of last year, they made visits of inspection, and inquiry to several cities of the commonwealth, to learn how the work was done there. They saw at a glance, that in this part of sanitary work, our city was far behind the times. That by the invention of comparatively new machinery, the work could be done, in broad daylight, better, more rapidly, cheaper, and in all respects more satisfactorily, than by the old cart and bucket, night plan, which we had in use. That in Boston, Lowell, and Cambridge, a single enterprising and responsible firm easily managed the whole business, by the use of the odorless excavating apparatus, to the entire satisfaction of the authorities, and the citizens generally. In October, we advertised for proposals to do such work in our city. Several were offered, and soon after a contract was made with a responsible person, to take the charge of cleaning all the vaults, cesspools and privies in the city, by the above mentioned means. The work we expect will be commenced about the first of April. There is no reason why it should not succeed here, as well as in the neighboring cities, as far as we can see, and we confidently expect good results from the change.

At the commencement of the warm season last year, your Board, by a public notice, required the removal of swine from the city, within certain limits, prescribed, and published by them. It was a measure imperatively demanded, for the hog nuisance had become intolerable. By much labor, and a good deal of perseverance, it was finally pretty well accomplished. But somehow or other, the idea seemed to prevail, that the rule was to be only temporary in its operation, and that, after the heat of summer had passed, the hogs would be allowed to come back. In

fact, large numbers did get back, and the work had in a measure to be done over again. Your Board having decided that swine must go out, easily concluded that it was best they should stay out, and now no swine are allowed within the aforesaid limits, either in summer or winter, except under certain circumstances, by special permit. Closely allied to the swine nuisance, is the nuisance of cow stables. It is the practice of certain individuals in various parts of the city, to maintain stables where cows are kept, for the purpose of supplying milk to the neighborhood. These stables are usually fitted up in some old barn, or in shanties constructed for the purpose. They are generally in the thickly settled quarters of the poorer parts of the city, and the milk is distributed by hand. They are for the most part filthy, damp, and repulsive to the last degree. No provision is made for drainage, and the manure composes an offensive heap, within the yard. The animals are kept closely tied up, day and night, without a place or opportunity for air or exercise. Milk produced under such surroundings is not wholesome, and in many cases not fit to use. It carries the seeds of disease into many families, especially to young children, by whom it is mostly consumed. The establishments are a constant source of complaint to your Board, and, as they touch the very business and livelihood of the proprietors, they are hard to regulate, and harder to abolish. It is evident to us, that soon the cows must sedately follow the pigs.

Your Board would again call the attention of the Honorable City Council to the question of the ventilation of the public sewers. The baneful effects of sewer gas in houses, occupied by a large portion of our citizens, especially tenement houses, has been amply set forth in a former report. Other cities have taken up this important matter in earnest, and the beneficial results of their action has been apparent. Stand pipes, built at intervals, along the line of sewers, may nearly, or quite remedy this evil. In a large portion of cases, where contagious or infectious diseases have been reported, they were found to exist in houses, or neighborhoods, where sanitary defects were to be found. In most instances the defect was, the entire absence of traps

between the cesspool, or common sewer, and the dwellings. In others, the discharges and washings from infectious disease were thrown into the privy vault, or allowed to run over the surface of the ground, or even to find their way into the well which supplied the drinking water. The Board, in view of what has been found to be the general condition of infected houses, would impress upon all who are building new houses, the importance of having the sewerage perfect and complete, as far as it can be made. If wrongly constructed, the expense of putting it right is generally greater than of having it right at first. We are ready, in all cases, to inspect and advise upon the matter of drainage, if the plans are submitted to us. The rule No. 10, of the published Regulations of the Board of Health, requiring that estates abutting upon a street, in which a public sewer has been constructed, shall enter that sewer, and all the sewage of the estate be discharged into it, and all privy vaults abolished, will be henceforth strictly enforced. The use of drinking water from wells, we have no doubt, is a prolific source of disease. In a city, compactly built as ours is, it may be said in general terms, that the whole surface of the ground is more or less impure. Washings from streets, yards, stables, sinks, privies, cesspools, hen houses, laundries, &c., do find their way into it. Disease germs, and filth, we know are carried by underground currents in all directions, and sometimes to incredible distances, it is not unreasonable to infer, that they must, and do, find their way into the wells. Recent analyses have proved that a large proportion of wells in city limits are seriously contaminated. They are usually covered up, and are out of sight. They are almost never inspected, or ventilated. They may contain matters, disgusting and repulsive to the last degree, and those who drink the water from them be entirely ignorant of it. Many such cases are found every year. The water from a single one in this city, a short time ago, caused nine cases of typhoid fever in its immediate vicinity, and yet this water was so pure in its appearance, so cool, and so refreshing to the taste, that people came from considerable distances to procure it.

The water in a public reservoir, on the contrary, is open and

free to all the winds of heaven. It can be inspected daily, if need be, in every part; it can be tested chemically at any hour. It has the purifying influence of the sun, and the frost, and the air upon it at all times. Its volume is so great, that poisonous gases, or germs, which would be fatal in the little contents of a well, are diluted, or distributed so completely, that they would be either inert or harmless. From sanitary reasons alone, we would advise the disuse of drinking water from city wells.

The collection of swill, or house offal, in those districts of the city which the teams visit, is neatly, promptly, and thoroughly done. But as the city grows, large districts are found which imperatively need this service, but are now out of its range. In these localities, swill is collected by individuals, and carried through the public streets, in violation of the City Ordinances, and fed to fowls, or domestic animals, clandestinely kept. Your Board would therefore recommend, that an increase of men and teams be added to this department, that its work may be broadened in several directions. The city authorities did not institute this most necessary, and salutary work, with any view of making it profitable, or for the purpose of raising pork at the Farm. It was wholly, and primarily, a sanitary measure. The material collected, was of such a nature, that its frequent and proper removal was necessary to the health and comfort of the citizens, and if by good management, it has been made profitable, so much the more ought we all to be satisfied with it, and be thankful.

The work of the Board for the year is briefly summed up as follows: General filthiness, fourteen cases. Drainage on the surface of the yard, ninety-three. Foul privies, two hundred and twenty-three. Foul cellars, thirteen. Filthy yards, twenty-one. Foul barns, sixteen. Water in cellars, two. Swine removed, one hundred and thirty-two pens. Bad ventilation, one. Defective sewerage, twelve. Filthy alleys, three. Slaughter houses, two. Sewer gas in houses, two. Stagnant water, one. Gas in dwellings, one. Foul catch basins, five. Wells contaminated, two. Dead animals, two. Sewers entered by order of the Board, fifty-eight. Visits of inspection upon complaints

received at the office, one thousand eight hundred. Nuisances abated, six hundred and three.

The whole number of deaths recorded for the year, has been twelve hundred and ninety-seven. This includes all the cases of persons found dead, and all the stillborn. Eighty-six more than for the previous year, but, as the population of the city has increased very largely, since that report was made, it easily accounts for the increase. Our death rate still remains low, about two per cent., and in this particular we compare favorably with other New England cities.

Certificates of death have been made out in every instance, and signed by the Board.

The expenses of the Board for the year, have been as follows :

Appropriation,	\$1,500 00	
RECEIVED.		
For Licenses,	9 00	
	<hr/>	\$1,509 00
EXPENDED.		
For Salary paid A. A. Lovell, Inspector,	\$700 00	
Salary paid Henry Griffin, Clerk,	150 00	
Hack and horse hire,	14 80	
Extra services of Inspectors,	332 85	
Engineers on sanitary, etc.,	5 16	
Stationery and stamps,	21 53	
Advertising,	157 45	
Printing,	41 61	
Maps and sign boards,	6 50	
Posting notices,	2 00	
Traveling expenses of the Board,	16 65	
	<hr/>	\$1,498 55
Balance unexpended, transferred to Sinking Fund,		\$10 45

The thanks of the Board are tendered to His Honor the Mayor, for his valuable advice and assistance ; also to Mr. Gale,

Clerk of the Board of Overseers of the Poor, and to the Police Department, for their cheerful and ready response to every call we have made upon them.

Respectfully submitted.

Signed: RUFUS WOODWARD, *Chairman.*
HENRY GRIFFIN.
ALBERT A. LOVELL.

R E P O R T
OF THE
SUPERINTENDENT OF PUBLIC BUILDINGS.

CITY OF WORCESTER, Jan. 20th, 1883.

To the Honorable City Council :

GENTLEMEN—In compliance with the City Ordinances, Chap. XLVIII., Sec. 3, I have the honor to submit the following report.

NEW CITY HOSPITAL.

At the date of my last annual report, the several buildings were completed with the exception of the Barn and Laundry, and the new buildings were first occupied by patients Dec. 8, 1881.

Soon after the opening of the Hospital it was found that the ventilation of the wards was defective, the draft being as often downward as upward. To remedy this defect, steam pipes were put in each ventilating flue for the purpose of heating the air, and the result has proved very satisfactory.

The need of additional room for the isolation of foul cases from the main wards, has been provided for by the extension of the corridor sixty-five feet west of the west or female ward, built in such a manner that an additional ward can be attached at some future time. There has also been built a horse shed for use of the visiting surgeons and others.

The amount expended to Nov. 30th, 1881, was \$58,174.70, leaving a balance of the appropriation of \$1,875.39, and, balance due Palmer & Vaughan on account of contract \$5,681.25.

And there has been appropriated by the City Council for the completion of the work the sum of \$10,000, which amounts have been expended as follows :

Palmer & Vaughan, balance of contract,	\$5,681 25
“ “ extra work,	104 55
Worcester Steam & Gas Pipe Works, steam piping for ventilation,	724 41
J. & J. A. Rice, lawn grass seed,	44 44
Washburn & Garfield, gas piping basement,	17 72
National Mfg. Co., galvanized iron wire screens,	70 77
Boston Electric Lighting Co., electric lights,	294 26
Clark & Kendall, 2 red lanterns,	66 00
A. Ballou, painting,	21 87
Clark & Kendall, speaking tubes,	66 25
Memorial Tablet,	209 00
Plumbing,	294 02
Total,	<hr/> \$7,610 54

FOR BARN AND LAUNDRY.

Palmer & Vaughan,	\$1,892 70
George A. Barnard, slating do.,	286 00
P. Smith, grading,	29 27
A. Ballou, painting,	76 07
Henry Mellen, brick work,	73 22
H. M. Saunders, galvanized iron work,	53 25
A. B. Lovell, sewer,	169 21
Worcester Water Works, water pipe,	35 44
	<hr/> \$2,615 16

FOR EXTENSION OF CORRIDOR.

C. A. Vaughan, contract,	\$1,340 00
For addition, bath room,	245 00
Extra window,	5 45
Changing floor, hard pine to oak,	10 00
W. O. Wilder, tin ventilating pipes,	22 32 1,627 77
B. C. Jacques, building shed,	350 00
Total,	<hr/> \$12,113 47

PRESCOTT STREET ENGINE HOUSE.

The Prescott Street Engine House has been completed and occupied since my last report, at which time there had been paid :

On account of contract with Jeremiah Murphy,	\$8,585 85
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Other expenses,	587 95
Amount paid Nov. 30, 1881,	\$9,173 80
Amount paid 1882, J. Murphy, balance of contract,	2,046 15
" " extra work,	408 77
" " insurance,	10 00
For bank wall north of building,	178 53
Sewer,	92 31
Curb stone and labor,	55 27
Concrete driveway,	156 17
Extra plumbing,	85 74
Heating apparatus,	1,127 81
Gas piping and fitting,	40 68
Grading,	63 00
Mason and carpenter work,	68 00
	<hr/>
	\$4,332 95
	<hr/>
Total cost,	\$13,506 75

FIRE DEPARTMENT BUILDINGS.

The several buildings occupied by the Fire Department are in good condition, with the exception that nearly all are very much in need of painting upon the outside; and I recommend that the work be done early in the year, before the appropriations for the year become so nearly exhausted that the work is postponed from year to year, on account of a lack of funds.

The amount expended for repairs of the several buildings during the year,—the sum of \$1,076.73,—as follows:

L. P. Forbush & Co., doors,	\$8 00	G. S. Clough, repairs,	10 01
M. K. Howe, labor,	39 15	B. C. Jacques, " "	43 56
A. W. Kittredge, labor,	29 76	W. Adams, " "	14 00
L. P. Forbush & Co., glass,	1 90	E. S. Warren, " "	5 00
W. H. Sawyer, lumber,	16 02	J. S. Perkins, " "	3 53
G. W. Barton, mason,	8 55	W. O. Wilder, " "	3 00
C. Baker, lumber,	97 50	C. A. Vaughan,	29 35
B. C. Jacques, bell tower,	267 26	Buffington & Goodell,	27 00
H. G. Starkey, stair rail,	7 87	J. T. Cahill, repairs,	37 55
C. H. Baldwin, plumbing,	37 33	O. Riley, repairs,	18 18
B. W. Dean, raising bell,	25 00	Rice & Griffin Mfg. Co.,	9 25
Finn & Wright, painting,	27 24	O'Gara Bros., repairs,	2 90
G. S. Clough, repairs,	45 93	J. B. Lamb, " "	3 62
C. Baldwin, plumbing,	7 48	J. E. Stearns, " "	1 20
P. Powers, slating,	1 41	G. W. Barton,	2 00
O'Gara Bros., slating,	4 09	Miscellaneous,	221 14
C. Baker & Co., lumber,	10 96		
			<hr/>
			\$1,076 73

THOMAS STREET SCHOOL-HOUSE.

The Thomas street school-house has been remodelled, and repaired, and furnished with new heating apparatus, making a decided improvement, especially in the means of egress, by broad flights of stairs at either end of the spacious hallways. The ventilation has proved very satisfactory. The total cost has been as follows:

A. P. Cutting, plans,		\$150 00
C. A. Vaughan, contract,	8,845 00	
Less brick partitions not put in,	281 07	8,563 93
Green & Gough, contract for heating,		1,031 79
C. O. Richardson, paving,		85 00
Alexander G. Hall & Co., seats,		161 60
John D. Chollar, furniture,		43 40
Henry McElwin, blackboards,		108 25
D. S. Jackson, painting and varnishing,		64 33
Worcester Water Works, service pipe,		14 83
W. R. Miller, clocks,		24 00
Engineering,		11 25
Removing rubbish,		35 05
Clark & Kendall, ventilator,		11 15
Heald & Britton, iron columns,		20 20
Total cost,		\$10,324 78

CITY FARM.

The several buildings at the City Farm are in good repair, and I would recommend the painting of a portion, say the two barns, the coming Spring. A Drying room has been put in over the Boiler room at a cost of \$364.74. New steam cooking apparatus has been put in at a cost of \$623.75. A new high pressure boiler has been purchased at a cost of \$175, and a fire escape has been put on at a cost of \$66.80. For repairs to the several buildings there has been expended the sum of \$1,025.10. The new piggery has been completed and the old moved and connections made, making as convenient an arrangement as possible. The cost of completion of the new and removing and fitting up the old piggery has been as follows:

George S. Clough, contract,	\$3,618 17
“ “ “ stock and labor, fitting up old buildings,	1,106 19
B. Dean, removing old piggery,	500 00

Foundations for same,	221 00
Sewer pipe,	216 00
Water pipe, Wor. Water Works,	191 57
C. O. Richardson & Co., concrete and paving,	301 32
Mason work, lime and cement,	36 90
Painting,	82 61
Engineering,	7 45
New boiler,	150 00
	<hr/>
Total,	\$6,431 21

SCHOOL-HOUSES.

The School buildings are in good repair, the exceptions being the Summer street school-house, which needs thorough repairs if its use as a School building is to be continued. The school-house at Burncoat Plain needs shingling. The buildings having unoccupied school-rooms are Tatnuck one, Northville one, Thomas street one, and two in old buildings at Adriatic, and the building at Valley Falls formerly used as a school-house, now unoccupied. The ward room of Ward 8 is used as school-room and drawing school each, the ward room on Walnut street is also used as a school-room, and the ward room of Ward Two is used for an Evening school. And there is a drawing school in the Engine House at New Worcester.

The total cost of repairs to all the School Buildings has been as follows :

Carpenter, mason and plumbing repairs,	\$5,276 24
For trucking, removing ashes, &c.,	434 58
“ Stoves and repairs of same,	1,117 31
“ Cleaning houses and yards,	730 25
“ Clocks and repairs of same,	220 00
“ Cleaning vaults,	81 50
“ Digging well, &c., Lake View,	115 00
“ New furniture and repairs of old,	1,029 83
	<hr/>
	\$9,004 81

CITY HALL.

The City Hall building has been reslated with first quality Maine slate, and the roof is believed to be tight, for the first

time in several years, and in this connection I desire to say that the promiscuous use of the roofs of public buildings for the running of telephone wires, is becoming such an evil that it requires constant watching to keep the roofs in repair.

The amounts expended for repairs and other items are as follows :

For Repairs of building, including new roof,	\$897 15
(Of which the sum of \$449.51 was for new roof and gutters).	
New furniture and fixtures,	385 02
Awnings and repairs,	76 75
Rent of Telephones,	55 50
Clocks and repairs,	25 35
Brooms, brushes, &c.,	61 01
Ice,	42 83
Removing ashes,	33 70
Rubber hose,	6 50
Janitor,	600 00
Coal and wood,	520 39
Gas,	1,134 54
	<hr/>
· Making a total of	\$3,838 74

ARMORY.

There has been no marked change in this building since my last report, and I have only to add to what I have heretofore stated, that the building should be either abandoned or strengthened so as to make it positively secure.

The amount expended has been :

For Repair of plumbing,	\$12 32
Repair of furniture and stoves,	21 60
Carpenter repairs,	68 09
Janitor,	55 00
Removing ashes,	6 50
Gas,	185 46
Coal,	65 66
Water rates,	25 00
	<hr/>
Total,	\$439 63

CITY BARN AND STABLE.

The wooden building formerly used as an armory by Battery B, has been removed to make room for stone for the use of the crusher, and located near the tool house on the south part of the lot. The amount expended for the repairs of stables has been \$28.54.

PUBLIC LIBRARY.

The repairs needed at the Free Public Library building are, new floors in the entrance hall and waiting room, and new floors in a portion of the basement; and, in the near future, a new boiler will be needed, the old boiler not having heating capacity enough to heat the whole building in extreme cold weather satisfactorily. Otherwise the building is in good repair. The amount expended for repairs has been \$244.92.

WATER WORKS SHOPS AND BUILDINGS.

The buildings occupied by the Water Department are in fair condition. A barn is very much needed for the use of the department, for which there is ample room in the yard.

The amount expended for repairs has been as follows:

B. C. Jacques, repairs,	\$164 75	
H. W. Eddy,	33 10	
G. T. Sutton, plumbing,	14 25	
G. A. Carter, repairs of roof,	15 14	
	<hr/>	
Total,		\$227 24

NEW POLICE STATION AND NEW HOSE HOUSE.

A new Police Station has been commenced, and the work has progressed as fast as possible, and will be completed ready for occupancy in the month of February.

The new Hose house will be completed and ready for occupancy on or before February 1st, 1883. By the arrangement of

the Exchange the Fire Department receive the new hose building, which will be much more convenient for the use of a Hose company, and the Police Department have in the old building an abundance of room, very well adapted for use as a police station. The estimated cost of the fitting up of the old building for use as a station house is \$4,500.00; and for the new hose house \$5,300.00, and there has been expended, November 30th:

For Plan of new police station, not used,	\$247 50	
Engineering,	15 41	
Labor,	468 35	
	<hr/>	
Total,		\$731 26

The following is the amount of insurance on public buildings:

SCHOOL-HOUSES.

Adams Square,	\$1,500 00	Expires June 1, 1887
Ash street,	3,500 00	" June 1, 1887
Belmont street,	2,500 00	" Jan. 1, 1884
Belmont street,	5,000 00	" June 1, 1887
Blithewood,	1,000 00	" June 1, 1887
Burncoat Plain,	1,500 00	" June 1, 1887
South Worcester,	4,000 00	" June 1, 1887
Adriatic,	5,000 00	" Aug. 8, 1886
Chamberlain District,	800 00	" June 1, 1887
Woodland street, new,	4,000 00	" Aug. 9, 1886
Dix street,	6,000 00	" June 1, 1887
East Worcester,	4,000 00	" June 1, 1887
Edgeworth street,	5,000 00	" June 1, 1887
Grafton street, wood,	1,500 00	" June 1, 1887
Grafton street, brick,	5,000 00	" June 1, 1887
Lake View,	800 00	" May 15, 1885
Lamartine street,	5,000 00	" June 1, 1887
Ledge street,	3,000 00	" Jan. 1, 1884
Mason street,	1,200 00	" June 1, 1887
New Worcester,	3,500 00	" June 1, 1887
North Pond,	500 00	" Jan. 1, 1884
Northville,	1,500 00	" June 1, 1887
Valley Falls,	500 00	" June 1, 1887
Oxford street,	1,500 00	" Jan. 1, 1884
Oxford street,	5,000 00	" Jan. 30, 1885
Bloomingdale,	1,000 00	" June 1, 1887
Union Hill,	1,000 00	" June 1, 1887
Providence street,	4,000 00	" Sept. 1, 1886
Quinsigamond,	4,000 00	" June 1, 1887

Salem street,	1,500 00	Expires Jan. 1, 1884
Shrewsbury street,	1,000 00	" June 1, 1887
Adriatic,	2,200 00	" Dec. 1, 1886
Summer street,	1,000 00	" June 1, 1887
Sycamore street,	3,500 00	" June 1, 1887
Tatnuck,	2,000 00	" June 1, 1887
Thomas street,	2,000 00	" Jan. 1, 1884
Trowbridgeville,	500 00	" Jan. 1, 1884
Walnut street,	5,000 00	" Jan. 1, 1884
High School,	20,000 00	" Jan. 1, 1884
Washington street,	1,000 00	" Jan. 1, 1884
Winslow street,	5,000 00	" Dec. 4, 1885
Woodland street,	7,500 00	" June 1, 1887
<hr/>		
Total amount,	\$135,000 00	

Armory building,	\$15,000 00	Expires Jan. 1, 1884
City Barn,	2,000 00	" Aug. 11, 1886
City Barn,	2,000 00	" Feb. 1, 1887
City Hospital,	20,000 00	" Aug. 15, 1886
Public Library Building,	2,500 00	" Dec. 1, 1883
Public Library Building,	2,000 00	" Aug. 1, 1887
Public Library Building,	5,000 00	" Dec. 14, 1887
Almshouse,	1,700 00	" Jan. 1, 1888
Almshouse,	1,000 00	" Aug. 1, 1886
Almshouse,	6,500 00	" Aug. 8, 1886
Almshouse Barns,	2,600 00	" Dec. 26, 1887
Almshouse, brick addition,	3,000 00	" Oct. 1, 1885
Almshouse, brick building,	5,700 00	" Dec. 1, 1887
New Piggery,	3,000 00	" Dec. 4, 1887
Old Piggery,	3,000 00	" Jan. 1, 1888
<hr/>		
	\$75,000 00	
Insurance outstanding Jan. 1, 1883,	\$210,000 00	

Respectfully submitted,

CHAS. H. PECK,

Supt. of Public Buildings.

TABLE showing the Location, Size and Value of the School-house Lots belonging to the School Department.

LOCATION.	Material.	Stories.	Size.	No. of School Rooms.	Condition.	Estimated Value.	Size of Lots, sq. feet.	Estimated Value per School.	Amount.	Total Value of Houses and Lots.	REMARKS.
High.....	Brick.	3	130 x 87	13	Good.	\$125,000	31,672	\$1 30	\$41,773	\$166,173	[ing Schools in this Building.
Walnut Street.....	"	3	70 x 50	6	"	20,000	9,487	1 30	12,333	32,333	Ward 1 ward-room and rooms for Evening Draw-
Belmont Street.....	"	3	92 x 90	15	"	45,000	31,440	25	7,860	52,860	Ward 2 ward-room in basement. Addition built
Dix Street.....	"	2	96 x 60	10	"	30,000	24,000	25	6,000	36,000	[in 1881, 58 x 68, for six school-rooms.
Woodland Street.....	"	2	96 x 60	9	"	28,000	40,000	25	10,000	38,000	Hall in French roof and two school-rooms.
Lamarine Street.....	"	2	69 x 41	4	"	10,000	10,000			10,000	
Washington Street.....	"	2	96 x 60	12	"	27,000	48,040	20	9,608	36,608	
Ledge Street.....	"	2	50 x 30	2	"	5,500	7,188	60	4,313	9,313	Hall in French roof and three school-rooms, and
Thomas Street.....	"	2	96 x 60	12	"	30,000	40,670	20	8,134	38,134	[Ward 4 ward-room in basement.
Sycamore Street.....	"	2	75 x 53	12	"	33,000	23,433	60	14,060	47,060	
East Worcester.....	"	2	75 x 52	8	"	20,000	12,625	75	9,468	29,468	Two L's 52 x 21 each.
East Worcester.....	"	3	62 x 50	6	"	13,000	18,150	40	7,260	20,260	
Providence Street.....	"	2	62 x 30	4	"	5,000	9,060	50	4,530	9,530	
Grafton Street.....	"	4	62 x 50	8	"	18,000	58,000	50	29,000	47,000	
Ash Street.....	Wood.	2	46 x 24	2	Fair.	15,000	24,897	15	3,734	18,734	
South Worcester.....	Brick.	2	59 x 51	6	Good.	2,000	13,400	30	4,020	17,420	
Oxford Street.....	"	2	75 x 32	9	"	20,000	29,184	10	2,918	22,918	L 40 x 33 and three school-rooms in French roof.
Winslow Street.....	"	2	52 x 50	9	"	30,000	17,200	1 25	21,500	51,500	Addition built in 1880, 46.6 x 36.6 for school-rooms
Salem Street.....	"	2	66 x 51	4	"	12,000	25,009	20	5,001	17,001	[Ward 8 ward-room in basement.
Edgeworth Street.....	"	2	62 x 50	4	"	12,000	12,555	40	5,022	17,022	Addition built in 1880, 38 x 34.8 for three school-
New Worcester.....	"	2	62 x 50	9	"	22,000	30,760	15	1,538	23,538	[rooms.
Summer Street.....	Wood.	2	50 x 36	4	Poor.	9,000	14,900	5	2,235	11,235	
Quinsigamond.....	"	2	51 x 48	5	"	3,000	16,083	40	6,433	9,433	
Mason Street.....	Brick.	2	75 x 32	6	Good.	20,000	34,500	5	1,725	21,725	L 51 x 33 and hall in French roof.
Adriatic.....	"	2	44 x 30	3	"	5,500	13,200	15	1,980	7,480	
Union Hill.....	Wood.	2	45 x 30	4	Fair.	15,000	25,000	10	2,500	17,500	L 35 x 25.
Northville.....	"	2	38 x 28	2	"	2,000	11,000		1,100	3,100	
Tatnuck.....	Brick.	2	73 x 30	2	Good.	5,500	34,875	10	500	6,000	
Valley Falls.....	"	2	43 x 32	2	"	5,000	11,500		300	5,300	
Valley Falls.....	"	2	46 x 32	2	"	6,600	29,440		100	6,700	
Trowbridgeville.....	Wood.	1	28 x 22	1	Old.	500	4,988		100	600	
Blithewood.....	"	1	30 x 25	1	"	300	5,050		75	375	
Bloomington.....	"	1	36 x 28	1	Good.	1,500	43,560		100	1,600	
Adams Square.....	Brick.	1	40 x 32	1	Fair.	3,000	14,000		200	3,200	
Burncoat Plain.....	"	1	40 x 32	1	Good.	2,800	22,360		300	3,100	
North Pond.....	"	1	31 x 28	1	"	2,500	21,500		200	2,700	
Chamberlain.....	Wood.	1	40 x 32	1	Fair.	1,600	20,300		300	1,900	
Lake View.....	"	1	38 x 22	1	"	1,200	21,780		100	1,300	
	"	1	44 x 30	1	Good.	1,600	15,684		400	2,000	
				213		\$ 625,600	19.98 acres.		\$ 226,120	\$ 851,720	

ENGINE AND HOSE HOUSES.

NAME.	LOCATION.	No. feet in Lot.	REMARKS.
Gov. Lincoln, No. 1, 27 A. B. Lovell, No. 2, S. E. Combs, No. 3, Alert Hose, No. 1, Ocean Hose, No. 2, Eagle Hose, No. 3, Niagara Hose, No. 4, Yankee Hose, No. 5, Tiger Hose, No. 6, Protection Hose, No. 7, Rapid Hose, No. 8, Babcock Extinguisher, Hook and Ladder No. 1, Hook and Ladder No. 2, Bell Tower,	Bigelow Court, Beacon Street, Prescott St., on leased land, School Street, Providence and Grafton Sts., * Carleton Street, unoccupied, Exchange Street, Myrtle Street, Pleasant Street, Lamartine Street, Webster Square, John Street, Bigelow Court, Prescott Street, Pleasant Street,	5,310 7,688 8,000 1,270 500 1,277 6,106 8,400 1,600 1,837	Head-quarters of the Chief Engineer in this Building. With Steamer 2. With Steamer 1. On School-house lot.

OTHER BUILDINGS.

	Common	
City Hall,	Corner Front and Main Streets,	{ City Offices, Police Station and Police Court Room, Ward 7 ward room in this building. Ward 3 ward room in this building.
Armory,	Waldo Street,	
City Stable,	Salem Street,	
Free Public Library,	Elm Street,	
City Farm,	Boylston Street,	
Water Works Shop,	Thomas Street,	
City Shop,	School Street,	
City Hospital,	Hospital Street,	
Police Station No. 2,	Lamartine Street,	
Building formerly occupied by 5th Battery, Salem Street.		Building occupied by Street Light Department, Salem Street.

* On School-house lot.

REPORT OF THE CITY MARSHAL.

To his Honor the Mayor,

And City Council of the City of Worcester:

GENTLEMEN:—The City Marshal has the honor to present, for your consideration, his report of the condition and doings of the Police Department for the year ending November 30th, 1882.

The whole number of arrests for all offences during the year is three thousand two hundred and sixty-nine (3269). Classified as follows:

Males,	3,037	Minors,	389
Females,	232	Residents,	2,496
Americans,	1,661	Non-residents,	773
Foreigners,	1,508	Committed to Institutions,	1,145
Adults,	2,880		

Were arrested for the following offences:

Adultery,	8	Drunkenness, 2d offence,	157
Assault and battery,	115	Drunkenness, 3d offence,	33
Assault on officers,	17	Disturbing the peace,	148
Assault with weapons,	8	Defrauding boarding-house,	22
Assault indecent,	1	Defacing monument,	1
Attempt to rape,	2	Embezzlement,	8
Burning,	2	Escaped prisoners,	3
Burglary,	4	Employing minors,	2
Breaking and entering,	27	Evading railroad fares,	1
Breaking glass,	8	Fornication,	18
Bastardy,	10	False pretence,	8
Capias,	14	Forgery,	3
Cruelty to animals,	7	Gaming,	6
Common drunkard,	77	Having counterfeit money,	2
Common nuisance,	2	Having dangerous weapon,	6
Conveying mortgaged property,	1	Insane,	25
Disorderly house,	2	Indecent exposure of person,	9
Drunkenness,	2,074	Incest,	1
		Larceny,	170

Lewdness,	7	Sodomy,	1
Libel,	2	Taking team,	5
Murder,	2	Threatening,	12
Malicious mischief,	6	Trespass,	4
Neglect of family,	9	Truants,	19
Night walker,	3	Unlicensed dogs,	2
Neglected child,	1	Violating rules of Board of	
Obstructing railroad,	1	Health,	16
Peddling without license,	6	Violation of Int. Revenue	
Polygamy,	1	law,	2
Pickpocket,	3	Violation of city ordi	
Railer and brawler,	1	nance,	68
Receiving stolen goods,	2	Violation of Sunday,	20
Robbery,	6	Violation of liquor law,	95
Runaway,	1	Vagrancy,	29
Stubborn and disobedient,	17	Walking on railroad track,	5
Stoning cars,	2		

The whole number of the above committed was eleven hundred and forty-five, and to the following institutions :

House of Correction,	1,004
State Lunatic Hospital,	27
Reform School, Westboro',	7
Woman's Prison at Sherborn,	14
State Industrial School, Lancaster,	3
State Work House at Bridgewater,	8
City Work House,	8
Delivered to custody of State Board of Charities,	10
Delivered to out of town officers,	42
Truant School,	19
State Work House at Tewksbury,	1
City Hospital,	1
Ordered to leave the city,	4

The different nationalities represented in the whole number of prisoners are :

Americans,	1,490	Nova Scotians,	8
Irish,	1,329	Italians,	5
Canadians,	188	Indians,	3
English,	80	Norwegians,	3
Swedes,	55	Belgian,	1
Negroes,	34	Hindoo,	1
Scots,	26	Pole,	1
Germans,	23	Jews,	9
French,	13		

The number of Lodgers during the year was 2,878

Classified as follows :

Males,	2,824	Foreigners,	1,495
Females,	54	Adults,	2,485
Americans,	1,383	Minors,	383

There was two hundred and forty-seven (247) more arrests than last year, and there was eleven hundred and forty-five (1145) more lodgers provided for at the station house than last year.

Whole number of prisoners and lodgers during the year, 6,147.

The Police Department have done a large amount of miscellaneous work during the year, which can only partially appear in a report like this, such as :

Attending as witnesses,	3,857
Attending appealed cases,	118
Attending cases before Juvenile Court,	36
Attending Grand Jury cases,	30
Number of warrants served,	3,345
Number of notices served,	416
Accidents reported,	8
Burglaries reported,	5
Buildings found open and secured,	528
Careless driving,	4
Disturbances suppressed,	65
Defective sidewalks,	34
Defective streets,	16
Fire alarms given,	10
Fires extinguished without alarm,	2
Intoxicated persons sent home,	16
Injured persons cared for,	9
Lost children restored to parents,	41
Lights not burning at 9. P. M.,	1,634
Lights hung in dangerous places,	12
Runaway horses reported,	15
Runaway horses stopped,	10
Teams put up and cared for,	62

Value of stolen property reported,	\$10,500 00
Value of stolen property recovered,	8,036 50
Value of goods exposed carelessly and cared for,	110 05

The police are called for during parades of civic and military bodies, conventions and caucuses of political parties, State and city elections, graduating exercises of public schools, fairs and festivals given by churches and Sunday schools, poor children's excursions, ball games, balls and theatrical entertainments, lectures and circuses, coasting and fires, and in fact wherever and whenever necessary for the purpose of protecting life and property, and preserving good order.

A special detail of *two officers* was furnished to the Commissioners of Shade Trees and Public Grounds, during the summer and autumn, and especially nights and Sundays, to preserve order in Elm Park and vicinity.

A special detail of *one officer* was furnished from May 1st to October 1st, to preserve order at Lake Quinsigamond, where large numbers of our citizens congregate during the summer and autumn seasons. Mr. J. J. Coburn renews his offer to give the land to the city, in some proper place, for a temporary lock-up in the vicinity of the Lake. The immense gatherings of our people there on Sundays, and the immense growth of the place, make it necessary that police protection should be furnished there every season hereafter, and if one man is expected to do the work he should have a place to lock up his prisoners close at hand. As a matter of economy in saving the service of one officer, and clear gain to the city in the land, I think Mr. Coburn's proposition ought to be adopted.

The police made a very thorough canvass of the city in the month of May, under the direction of the Board of Health. All filth, ashes and garbage of every kind was removed by order of the Board. The cleanliness of the city, and the health and sanitary condition of its people was greatly improved. The police were ordered to keep the cleanliness of their districts up to the requirements of the Board of Health, which was done,

and the Board expressed themselves well satisfied with the work of the Police Department during the year.

The expenses of the Department for the year have been sixty-five thousand ninety-one dollars and twenty cents (\$65,091.20), to wit :

Salary of Marshal,	\$1,800 00
Salary of 1st Assistant Marshal,	1,300 00
Salary of 2d Assistant Marshal,	1,300 00
Salary of Night Captain for 8 months,	800 00
Pay-roll of patrolmen,	56,420 50
Cloth, buttons and badges,	950 45
Advertising,	14 75
Printing,	19 79
Telegrams, express, &c.,	16 01
Matches, soap and supplies,	53 37
Washing,	18 30
Blacksmithing,	29 64
Hack and horse hire,	50 75
Board of horses,	480 00
Harnesses and blankets,	52 20
Traveling expenses,	26 85
Blank books, stationery, &c.,	139 10
Furniture and repairs on same,	59 22
Telephone messages,	32 80
Special pay-roll, July 4,	105 00
Disinfectant powder,	9 00
Crackers for prisoners and lodgers,	159 25
Ice bill,	13 68
Clerical work on police roster,	5 00
Insurance on horses and carriages, &c.	18 00
Burying dead animals,	2 50
Repairs on ambulance and police wagon,	75 90
Photographing rogues,	59 30
Rent of hall for drill,	18 00
Material used for removing body at lake,	9 83
Medical attendance on horses,	19 00
Meals for lodgers,	3 85
Use of horse and wagon, New England Fair,	13 50
Special pay-roll, " " "	110 00
Pay of detectives, " " "	81 79
Board of detectives, " " "	31 00
Horse hire for mounted men, New England Fair.	69 00
Medical attendance on prisoners,	8 00
Labor on Lamartine street Station House,	468 35
Plans, &c., Lamartine street Station House,	247 50

\$65,091 20

Earnings of Department for past year, including appropriation :

Appropriation,	\$59,000 00
Fees of Central District Court for 1881,	7,912 20
Cloth furnished officers,	653 62
City team (earnings),	201 00
Extra services of officers,	226 75
	<hr/>
Total expense,	\$67,993 57
	65,091 20
	<hr/>
Balance for Sinking Fund,	\$2,902 37

The earnings of the department for the present year, and to be credited in 1883, are nearly as follows :—

Earnings of Central District Court,	\$8,697 86
Earnings of officers at balls, &c.,	226 75
Cloth sold,	653 62
City team,	201 00
	<hr/>
	\$9,779 23

The earnings of the department have largely increased, and of course the work in proportion.

In 1879 the fees in the Central District Court	
were,	\$4,541 50
The present year it has increased to,	8,697 86

The Department consists at present of :—

- 1 Marshal.
- 2 Assistant Marshals.
- 1 Captain of the Night Watch.
- 63 Patrolmen (including Detectives.)

There are two vacancies in the number of patrolmen at present, one of which has been filled by a special officer who is now traveling under pay.

A sum sufficient to pay for Station No. 2, on Lamartine street, and for furnishing and heating the same, will have to be provided for outside of our ordinary appropriation this year; when

that Station is completed and a sufficient force transferred thereto to properly police the Southern section of the city, under the care of the best man that can be found, the department will have taken the first decisive step in the right direction. In order to meet those changes which are likely to follow in other parts of the city, the organization of the department should be changed as follows :—

Chief.
Deputy.
Captains.
Lieutenants.
Sergeants.
Inspectors.
Patrolmen.

Such organization as the above now exists in all the large cities of the country. Many other changes are necessary in our charter, and I need not add that a Police Committee should be one of them, and that the officers of the Department should be appointed during good behavior. Neither the laws of the Commonwealth nor the ordinances of the City can be enforced without displeasing somebody, and the tenure of office of the police officer should be so fixed that his removal should not be accomplished except for causes which affect the public good.

A change in the *ordinance* should also be made. The City Marshal should not be compelled to swear to complaints every morning that he knows nothing about. Every officer making an arrest should swear to his own complaint in court and follow it up until its final disposition. And such a change would soon retire incompetent officers, or those men who were not able to work up their cases properly and present them in court, would have to give place to others. When the city was small and the arrests were 500 or 1000 annually it was well enough for the Marshal to make all complaints in court, but now that we are a city of 65,000 people, and the arrests are 3,260 this year, it is impossible for the Marshal to take especial care of every case.

DISCIPLINE OF THE FORCE.

The discipline of the force has been good throughout the year. I believe in the enforcement of strict discipline, and I insist on every member and employé of the Department performing their duties faithfully, or otherwise make way for better men. In this connection I desire to suggest to the City Council that there should be some form of punishment for the infringement of police rules and regulations, other than dismissal or being allowed to resign. There are various offences for which officers should be called to account and for which a fine, or loss of pay for a certain number of days, or suspension for a certain length of time, would answer a good purpose, and put into the hands of the executive a very necessary judicial function, which at present he does not possess.

The following are some of the offences which may be included in the above suggestions:—

- Off post.
- Not found on post.
- Off post in a liquor saloon.
- Failure to properly patrol post.
- In conversation while on post.
- Intoxicated while on duty.
- Fault finding and slandering brother officers.
- Failure to discover a burglary.
- Failure to discover an open door.
- Indebtedness.
- Absent from duty without leave.
- Sitting down while on patrol.
- Using disrespectful language.
- Unjustifiable assault.
- Asleep during time of duty.
- Not properly uniformed.
- Failure to investigate an affray.
- Making an improper arrest.
- Riding on car while on patrol.
- Failure to report violation of city ordinance.
- Failure to report extinguished street lamps.
- Failure to try doors.
- Failure to report cases at office.
- Allowing prisoners to escape.
- Receiving bribes.
- Receiving presents without approval of police committee.

Failure to attend his prisoner in court.
 Disrespect to superior officers.
 Immoral conduct.
 Disobedience of orders.
 Absence from the city without leave.
 Conduct unbecoming an officer and a gentleman.

Changes in the department during the year:—

1 Officer resigned to go into other business.
 4 Officers were allowed to resign for cause.
 4 Officers were appointed to fill vacancies.

Ratio of police to number of inhabitants in Worcester and other cities:—

Worcester,	1 to 1000 Inhab.	New Orleans,	1 to 888 Inhab.
Buffalo,	1 to 1080 “	New Haven,	1 to 722 “
Pittsburg,	1 to 972 “	Newark, N. J.,	1 to 822 “
Washington,	1 to 759 “	Providence,	1 to 599 “
Albany,	1 to 710 “	Philadelphia,	1 to 660 “
Brooklyn,	1 to 996 “	Rochester,	1 to 1023 “
Baltimore,	1 to 680 “	St. Louis,	1 to 770 “
Cincinnati,	1 to 782 “	Toledo,	1 to 893 “
Chicago,	1 to 1006 “	Troy,	1 to 737 “

LIQUOR LAW.

During the year 1882, there were granted by the Mayor and Aldermen 175 Licenses, viz.:—

1st Class, Innholders,	20 at \$250,	\$ 5,000 00
1st Class, Common Victualers,	66 at 200,	13,200 00
2d Class, Common Victualers,	10 at 150,	1,500 00
4th Class, Druggists,	28 at 50,	1,400 00
4th Class, Grocers,	38 at 200,	7,600 00
4th Class, Wholesale Dealers,	9 at 400,	3,600 00
5th Class, Wholesale Dealers,	4 at 150	600 00
	<hr/> 175	<hr/> \$32,900 00

Seven of the above licenses were revoked at the request of the holders, and other licenses were granted to them, at the minimum price, which added \$500 more to the original sum,

\$500 00

Total for Licenses,

\$33,400 00

Immediately after the granting of Licenses, the following orders were issued and given in hand to all who had applied for license and were refused, and all who were in any manner known or supposed to be selling illegally.

OFFICE OF CITY MARSHAL AND CHIEF OF POLICE.

Worcester, Mass., May 1st, 1882.

To..... No..... Street.

Your attention is called to the following Order of the Board of Aldermen. "*Ordered*, That the City Marshal be and he is directed forthwith to notify all parties selling Intoxicating Liquors, that this Board will grant no more Licenses the present year, and they are directed to at once desist from the sale of Liquor."

All persons who have not received License and those who are attempting to sell illegally, will govern themselves by the above order.

All those who have received License to sell Intoxicating Liquor must observe its conditions, especially—"that no sale of spirituous or intoxicating liquor shall be made between the hours of twelve at night and six in the morning," "*nor during any part of the Lord's Day*," etc.

"That no sale of Liquor shall be made on the premises described in the License, to a person known to be a drunkard, or to an intoxicated person, or to a minor."

They must also observe in good faith the conditions of the Screen Law and any other laws that may be enacted with reference to the sale of Liquor.

Every officer in the police department will be held to strict account for the enforcement of the above orders on his beat or district.

Respty,

JAS. M. DRENNAN,

City Marshal.

Seizures and prosecutions were vigorously pushed after the issuing of the above order, and the Chief Executive of the City was foremost in the work. There were 134 seizure warrants served, and many places overhauled without warrants, and 95 of the number were prosecuted in the Central District Court, and 20 Sunday cases. Of the above prosecutions 42 paid their fines, 25 appealed, 2 were committed to jail, 12 were discharged, and one

case was placed on file; 38 persons were driven out of the business during the year, and 70 places remain that are supposed to be selling on the sly, mostly in dwelling houses; all of these have been under police surveillance and when sufficient evidence could be obtained against them they have been brought before the Court and prosecuted one or more times. The police have done nearly double the work this year that has been done in any former year in suppressing the illegal sale of liquor, and as a consequence I submit that the traffic is as well regulated to-day under a license law as it ever can be.

GAMBLING AND THE SOCIAL EVIL.

The Department have performed excellent work in ridding the city of gaming establishments during the year. While games for money may be played in private rooms, or rooms in hotels, or on the stock board, there are no established gaming houses in the city at the present time. The police have also driven from the city all houses of ill-fame, with one exception. The above record we feel justly proud of, and hope the good work may be continued by our successors in office.

TRAMPS.

The tramp or lodger seems to be on the increase again. We have taken care of 2,878 this year, against 1,733 last year, or a gain of 1,145. Why we should have so many more than last year I am unable to state.

PLAY GROUND FOR BOYS AND GIRLS.

We very much need some public grounds for children and others to occupy for play and amusement, especially in the Southern section of the city. During the Summer season boys are driven from streets and fields, and private lands, by the officers who would gladly protect the children at play if the city would only furnish a few acres of land for a park or play ground. Every college has its play ground or campus for the

amusement of its students. How much more so should a great corporation like our city be provided with a play ground and amusements for the 10,000 children and youth within our midst.

Before closing this report I desire to mention a subject to the City Council and others which I think ought to meet with a ready response. There were 232 females arrested by the officers during the present year, and as a matter of common decency there should be a female attendant provided in some way to attend to such prisoners. In some other cities I understand that a ladies' guild or benevolent society take matters of this kind in hand and provide and pay for a competent person to look after all females under arrest. If Dr. Francena E. Porter or some other competent lady could be induced to take charge of the above class of prisoners, I think we should all feel that it was a movement in the right direction.

POLICE WAGON AND AMBULANCE.

The ambulance and wagon combined answers a grand purpose in the department; we now feel that we could not well do without it. It is in constant demand for all purposes for which it was built.

DRUNKENNESS.

While men and women have ungovernable appetites and can find liquor they will get drunk. I have given a good deal of time and attention to this class of cases, and with the knowledge gained from their friends and the officers of the Department, I have used my best judgment and discretion in disposing of each individual case. To prosecute every person before the court that is arrested for drunkenness is an open question, but there seems to be no other remedy under the law. Socially, nearly all present a different aspect, and when their condition in life is taken into account (and I think it should be), serious and difficult problems present themselves to the court and the officers in the disposition of their cases. I have already contended that the Commonwealth should establish a home for those of the above class who cannot be reformed. Westboro' Reform School

buildings and large farm has great advantages for such a place. Able bodied men and women, whose only offence is drunkenness, could there be set to work and the proceeds of their labor be turned to good account.

During the year the Honorable Hartley Williams, Judge of the Central District Court, was carried away by death; his pleasing manners, his long service as an upright and kind-hearted judge, and his great interest in the police Department, endeared him to all. As a last tribute of respect the members of the Department attended his funeral.

In closing this report I desire to express my thanks to Assistant-Marshals Thayer and Churchill, who have ably assisted me in season and out of season, in the performance of every duty for the past three years. I also return my thanks to Capt. Atkinson who took such good care of the night force; and to Officers O'Day and Colby for the success, readiness and fidelity with which they performed detective work, I am under great obligations. I also feel that the Department as a whole has done very excellent work, and the peace and quiet of the city was never better cared for than during the past year.

To His Honor the Mayor and Board of Aldermen I am under lasting obligations for their able support and wise counsel throughout the year.

To His Honor Judge Utley, and Associate Justice Woodward, and Maj. Raymond, Clerk of the Court, I am greatly indebted for wise counsel in many difficult cases.

Respectfully submitted,

JAS. M. DRENNAN,

City Marshal.

REPORT

OF THE

CITY SOLICITOR.

To the Honorable the City Council of the City of Worcester :—

The City Solicitor submits the following annual report.

The following suits are pending in the Superior Court for this County :—

1. *Michael R. Edwards v. City of Worcester.*

An action on an account annexed for excavating and ballasting and for building a wall in connection with a new road at Quinsigamond.

2. *Frank E. Lancaster v. City of Worcester.*

Petition to revise assessment of damages occasioned by laying out Foster street.

3. *William Dickinson v. City of Worcester.*

Petition to revise assessment of betterments for laying out Foster street.

4. *Timothy W. Wellington v. City of Worcester.*

Petition to revise assessment of betterments for laying out Foster street.

5. *Geo. E. Hapgood v. City of Worcester.*

Action of tort for injury on Beacon street on account of an alleged insufficiency of railing.

6. *William Dickinson v. City of Worcester.*

Petition for damages occasioned by widening Park avenue.

7. *Wm. M. Johnson v. City of Worcester.*

Petition for damages caused by raising Piedmont street.

8. *Samuel A. Cushino v. City of Worcester.*

Petition for damages caused by widening Park avenue.

9. *Worcester Gas Light Co. v. City of Worcester.*

Petition to revise assessment of betterments for Quinsigamond avenue.

10. *John S. Ballard v. City of Worcester.*

Petition to revise assessment of betterments for Quinsigamond avenue.

11. *Daniel P. King v. City of Worcester.*

Action of tort for injury on highway leading from Green to Grafton streets.

12. *Deborah C. James v. City of Worcester.*

Action of tort to recover for injury to certain lands by Lynde Brook disaster.

13. *Benjamin James, assignee, v. City of Worcester.*

Action of tort to recover for injury to goods, &c., of Jamesville Manufacturing Co. by Lynde Brook disaster.

14. *Wm. Manning v. City of Worcester.*

Petition to recover damages occasioned by laying out Hospital street (now Jaques avenue).

15. *Franklin Savings Bank v. City of Worcester.*

Action of tort for injury to mill property in Pawtucket, R. I., by pumping from Tatnuck Brook in 1876.

16. *The Mannville Company v. City of Worcester.*

Action of tort for injury to mill property in Lincoln, R. I., by pumping from Tatnuck Brook in 1876.

17. *The Albion Company v. City of Worcester.*

Action of tort for injury to mill property in Lincoln and Cumberland, R. I., by pumping from Tatnuck Brook in 1876.

18. *Pardon Jencks et ali. v. City of Worcester.*

Action of tort for injury to mill property in Pawtucket, R. I., by pumping from Tatnuck Brook in 1876.

19. *Charles Felix Mason et ali. v. City of Worcester.*

Action of tort for injury to mill property situated in Blackstone, Mass., and North Smithfield, R. I., by pumping from Tatnuck Brook in 1876.

20. *E. B. Sampson et al. v. City of Worcester.*

Action of tort for injury to mill property in Pawtucket, R. I., by pumping from Tatnuck Brook in 1876.

21. *The Dexter Yarn Co. v. City of Worcester.*

Action of tort for injury to mill property in Pawtucket, R. I., by pumping from Tatnuck Brook in 1876.

22. *Pardon Jencks et al. v. City of Worcester.*

Action of tort for injury to mill property in Pawtucket, R. I., by pumping from Tatnuck Brook in 1876.

23. *Alfred H. Littlefield et al. v. City of Worcester.*

Action of tort for injury to mill property in Pawtucket, R. I., by pumping from Tatnuck Brook in 1876.

24. *The Stafford Manufacturing Co. v. City of Worcester.*

Action of tort for injury to mill property in Lincoln, R. I., by pumping from Tatnuck Brook in 1876.

25. *Bathsheba Benedict v. City of Worcester.*

Action of tort for injury to mill property in Pawtucket, R. I., by pumping from Tatnuck Brook in 1876.

26. *Bridge Mills Cotton Mfg. Co. v. City of Worcester.*

Action of tort for injury to mill property in Pawtucket, R. I., by pumping from Tatnuck Brook in 1876.

27. *The Central Falls Woolen Mills v. City of Worcester.*

Action of tort for injury to mill property in Lincoln, R. I., by pumping from Tatnuck Brook in 1876.

28. *The Lippett Woolen Co. v. City of Worcester.*

Action of tort for injury to mill property in Woonsocket, R. I., by pumping from Tatnuck Brook in 1876.

29. *The Social Manufacturing Co. v. City of Worcester.*

Action of tort for injury to mill property in Woonsocket, R. I., by pumping from Tatnuck Brook in 1876.

30. *The Hanlet Mill v. City of Worcester.*

Action of tort for injury to mill property in Woonsocket, R. I., by pumping from Tatnuck Brook in 1876.

31. *Peter H. Brown v. City of Worcester.*

Action of tort for injury to mill property in Woonsocket, R. I., by pumping from Tatnuck Brook in 1876.

32. *The Paul Whittin Mfg. Co. v. City of Worcester.*

Action of tort for injury to mill property in Northbridge by pumping from Tatnuck Brook in 1876.

33. *Geo. A. Flagg v. City of Worcester.*

Action of tort for injury to mill property in Millbury by pumping from Tatnuck Brook in 1876.

34. *The Londale Company v. City of Worcester.*

Action of tort for injury to mill property in Lincoln and Cumberland, R. I., by pumping from Tatnuck Brook in 1876.

35. *The Blackstone Manufacturing Co. v. City of Worcester.*

Action of tort for injury to mill property in Blackstone by pumping from Tatnuck Brook in 1876.

36. *C. D. Morse v. City of Worcester.*

Action of tort for injury to mill property in Millbury by pumping from Tatnuck Brook in 1876.

37. *The Saunders Cotton Mills v. City of Worcester.*

Action of tort for injury to mill property in Grafton by pumping from Tatnuck Brook in 1876.

38. *The Pawtucket Hair Cloth Co. v. City of Worcester.*

Action of tort for injury to mill property in Pawtucket, R. I., by pumping from Tatnuck Brook in 1876.

39. *Joseph T. Green v. City of Worcester.*

Action of tort for injury to mill property in Pawtucket, R. I., by pumping from Tatnuck Brook in 1876.

40. *Groton Manufacturing Co. v. City of Worcester.*

Action of tort for injury to mill property in Woonsocket, R. I., by pumping from Tatnuck Brook in 1876.

41. *J. M. Danielson, assignee, v. City of Worcester.*

Action of tort for injury to mill property in Woonsocket, R. I., by pumping from Tatnuck Brook in 1876.

42. *Sutton Manufacturing Company v. City of Worcester.*

Action of tort for injury to mill property in Sutton by pumping from Tatnuck Brook in 1876.

43. *American Worsted Co. v. City of Worcester.*

Action of tort for injury to mill property in Woonsocket, R. I., by pumping from Tatnuck Brook in 1876.

44. *Valley Falls Co. v. City of Worcester.*

Action of tort for injury to mill property in Lincoln and Cumberland, R. I., by pumping in 1876.

45. *The Cordis Mill v. City of Worcester.*

Action of tort for injury to mill property in Millbury by pumping from Tatnuck Brook in 1876.

46. *J. H. Mumford, 2d, et ali. v. City of Worcester.*

Action of tort for injury to mill property in Pawtucket, R. I., by pumping from Tatnuck Brook in 1876.

47. *Harris Woolen Company v. City of Worcester.*

Action of tort for injury to mill property in Woonsocket, R. I., by pumping from Tatnuck Brook in 1876.

48. *Darius Goff or Soff v. City of Worcester.*

Action of tort for injury to mill property in Pawtucket, R. I., by pumping from Tatnuck Brook in 1876.

49. *Peter Simpson v. City of Worcester.*

Action of tort for injury to mill property in Millbury by pumping from Tatnuck Brook in 1876.

50. *The Clinton Manufacturing Co. v. City of Worcester.*

Action of tort for injury to mill property in Woonsocket, R. I., by pumping from Tatnuck Brook in 1876.

51. *Atlanta Mills v. City of Worcester.*

Action of tort for injury to mill property in Millbury by pumping from Tatnuck Brook in 1876.

52. *Sarah J. Putnam v. City of Worcester.*

Action of tort for injury by falling upon ice on Belmont street.

53. *City of Worcester v. Inhabitants of Barre.*

Action of contract to recover for the support of the wife of Geo. W. Gates in the lunatic hospital.

54. *H. D. Fisher et al. v. City of Worcester.*

Action of tort for injury to mill property in _____ by pumping from Tatnuck Brook in 1876.

55. *West Elmwood Land Co. v. City of Worcester.*

Petition to revise assessment of damages for widening Chandler street.

56. *John M. Barker v. City of Worcester.*

Action of tort for injury on Main street by reason of alleged defect in the street.

57. *H. A. Fuller v. City of Worcester.*

Action of tort for injury to person, &c., by reason of alleged defect in Main street near the corner of Ripley street.

58. *Henry Flagg v. City of Worcester.*

Petition to revise assessment of damages for land taken to widen Beaver street.

59. *Wm. H. Harris v. City of Worcester.*

Petition to revise assessment of damages for taking land to widen Ætna street.

60. *James B. Wood v. City of Worcester.*

Action of tort for injury by reason of an alleged defect on Hermon street between Southbridge and Beacon streets.

61. *Napoleon Jacques v. City of Worcester.*

Action of tort for injury to horse, &c., by reason of alleged defect in Norfolk street.

62. *Thomas Vaugh v. City of Worcester.*

Action of tort for injury to person, &c., by reason of an alleged defect in Mechanic street near the corner of Spring street.

Besides the foregoing there are pending in the Superior Court four cases brought against the County for damages, by the alteration and relocation of highways, for which the City may be liable.

63. *John S. Ballard v. County of Worcester.*

Petition to revise assessment of damages for alteration of Millbury street near Quinsigamond.

64. *John S. Ballard v. County of Worcester.*

Petition to revise assessment of damages for alteration of Millbury street near the same place.

The petitioner's counsel in the two foregoing cases are of opinion that the City is liable for these damages. Inasmuch as the City has not been served with process the Solicitor has not given much examination to the question.

65. *Elizabeth B. C. Washburn v. County of Worcester.*

Petition to revise assessment of damages occasioned by relocation of Summer street.

66. *Ellen H. True v. County of Worcester.*

Petition to revise assessment of damages occasioned by relocation of Summer street.

The petitioners in these two cases have filed new petitions in the Superior Court for the same cause against the City, but at the time of preparing this report no process has been served upon the City.

There is pending in the Supreme Judicial Court the following case in which the City is the real party defendant:

1. *Worcester Gas Light Co. v. County Commissioners.*

Petition for mandamus to compel the County Commissioners to assess damages for diverting Mill Brook from the petitioners' premises into and through the Quinsigamond avenue sewer. Upon a petition to assess damages for this cause presented to the Board of County Commissioners, that Board after hearing refused to award damages on the ground that the petition was not seasonably presented to recover damages for diverting Mill Brook. The present petition to the Supreme Judicial Court is for the purpose of revising the ruling of the Commissioners upon the questions of law involved in their decision.

There are pending before the County Commissioners the following cases in which the City is interested:

1. *Washburn & Moen Mfg. Co. v. City of Worcester.*

Petition for the assessment of damages to the mill property of petitioners, occasioned by laying out Mill Brook as a sewer and laying sewers discharging into it.

This petition was filed in 1873 and no order of notice has ever been taken by the petitioners.

2. *John Starkie v. City of Worcester.*

Petition for the assessment of damages occasioned by diverting Mill Brook.

A hearing was had in the case in 1877, but no report appears ever to have been made.

There is pending in the Circuit Court of the United States the following case:

1. *Jeremiah R. Driscoll v. City of Worcester.*

Bill in equity to restrain the City by injunction against using and to compel it to account for previous using of a certain kind of concrete pavement. This suit has reference to certain concrete pavement laid for the City by A. B. Lovell, and in general terms the ground of the bill is that the plaintiffs are the owners of letters patent for the construction of concrete pavement in sections, so that one part or section

can be removed without injury to the remainder, and that the City of Worcester is liable to them for an infringement of said letters patent.

Since my last report thirty-seven cases pending in Court have been disposed of by trial and judgment or by settlement out of Court.

Respectfully submitted.

FRANK P. GOULDING,

City Solicitor.

APPENDIX.

GOVERNMENT AND OFFICERS
OF THE
CITY OF WORCESTER,
FOR 1883.

MAYOR.
SAMUEL E. HILDRETH.

ALDERMEN.

- Ward 1.—†JOHN G. BRADY.
“ 2.—*CHARLES G. REED.
“ 3.—†ANDREW ATHY.
“ 4.—*MATTHEW J. McCafferty.
“ 5.—†JOHN R. THAYER.
“ 6.—*LORING COES.
“ 7.—†CALEB COLVIN.
“ 8.—*R. JAMES TATMAN.

CITY CLERK AND CLERK OF THE BOARD OF ALDERMEN.
ENOCH H. TOWNE.

Office, No. 2 City Hall ; Residence, 28 West Street.

CITY MESSENGER.
CHARLES MARVIN.
Office, No. 1 City Hall ; Residence, 1 Clinton Street.

*Term Expires 1884.

†Term Expires 1885.

On Lighting Streets.—Aldermen Tatman and Athy, Councilmen O’Gorman, Harrington and Rich.

On Highways and Sidewalks.—Aldermen Colvin and Coes, Councilmen Plaisted, Ellsworth and White.

On Charities.—Aldermen Coes and Colvin, Councilmen Smith, Gilman and O’Brien.

On Military Affairs.—Aldermen McCafferty and Brady, Councilmen Harrington, O’Leary and Bancroft.

On Public Buildings.—Aldermen McCafferty and Reed, Councilmen Longley, Scannell and Smith.

On Ordinances.—Aldermen Thayer and Tatman, Councilmen Blacker, O’Gorman and Estey.

On Public Works.—The Mayor, Aldermen Reed, Athy, Colvin and Tatman, the President of the Council, Councilmen Booth, Dearborn, Coffey, Plaisted and O’Gorman.

On Mayor’s Inaugural and Unfinished Business.—Aldermen Coes and Brady, Councilmen Ellsworth, O’Brien and Rich.

STANDING COMMITTEES OF THE BOARD OF ALDERMEN.

On Assessments for Sewers.—Aldermen Coes and Athy.

On Assessments for Street Betterments.—Aldermen Coes and Colvin.

On Enrollment—Aldermen Reed and Thayer.

On Bills in Second Reading.—Aldermen Brady and McCafferty.

On Elections and Returns.—Aldermen McCafferty and Tatman.

COMMON COUNCIL.

On Bills in Second Reading.—Councilmen White, Childs and Gilman.

On Enrollment.—Councilmen Harrington, Scannell and Estey.

On Elections and Returns.—Councilmen Plaisted, O’Brien and Bancroft.

APPENDIX.

CITY SOLICITOR.

FRANK P. GOULDING.

TREASURER AND COLLECTOR.

WILLIAM S. BARTON.

Office, No. 6 City Hall; Residence, 23 High Street.

ASSESSORS.

Lyman A. Ely, *Chairman*. Josiah P. Houghton, *Secretary*.
 Thomas Talbot, 3 years. Josiah P. Houghton, 2 years.
 Lyman A. Ely, 1 year.
 Office, No. 12 City Hall.

ASSISTANT ASSESSORS.

Ward 1.—Ephraim L. Drury, Ward 5.—John Bennett.
 “ 2.—Samuel E. Staples, “ 6.—Henry C. Rawson,
 “ 3.—John McKeon, “ 7.—Jonathan Luther,
 “ 4.—Jeremiah McCarty, “ 8.—Ham’d W. Hubbard.

AUDITOR.

HENRY GRIFFIN. Office, No. 7 City Hall.
 Residence, 48 Cedar Street.

CITY ENGINEER.

CHARLES A. ALLEN. Office, No. 11 City Hall.
 Residence, 44 Webster Street.

SUPERINTENDENT OF PUBLIC BUILDINGS.

CHARLES H. PECK. Office, No. 464 Main Street.
 Residence, 29 Lincoln Street.

COMMISSIONER OF HIGHWAYS.

LUCIAN B. STONE. Office, No. 3 City Hall.
 Residence, 1030 Main Street.

WATER COMMISSIONER.

FRANK E. HALL. Office, No. 5 City Hall.
Residence, 16 Dix Street.

WATER REGISTRAR.

J. STEWART BROWN. Office, No. 5 City Hall.
Residence, 9 Orchard Street.

REGISTRARS OF VOTERS.

E. H. Towne, *Chairman*. Richard Matthews, *Clerk*.
Josiah P. Houghton.

COMMISSIONERS OF HOPE CEMETERY.

Albert Tolman, *Chairman*. Stephen Salisbury, Jr., *Secretary*.
Albert Curtis, *Superintendent*.
Wm. Bush, *Asst. Superintendent*.
Thomas M. Rogers, 5 years.

William Bush, 4 years. Albert Curtis, 2 years.
Albert Tolman, 3 years. Stephen Salisbury, Jr., 1 year.

COMMISSIONERS OF SHADE TREES AND PUBLIC GROUNDS.

Edward Winslow Lincoln, *Chairman and Secretary*.
O. B. Hadwen, 3 years.
Edward Winslow Lincoln, 2 years. Stephen Salisbury, Jr., 1 year.

COMMISSIONERS OF SINKING FUNDS.

Samuel Woodward, *Chairman*. Edward L. Davis, *Secretary*.
William S. Barton, *Treasurer*.
Edward L. Davis, 3 years.
Henry A. Marsh, 2 years. Samuel Woodward, 1 year.

COMMISSIONERS OF THE JACQUES FUND AND OTHER FUNDS OF
THE CITY HOSPITAL.

Benjamin Walker, *President*. Chas. B. Pratt, *Secretary*.
William S. Barton, *Treasurer*.
Albert Curtis, 3 years.
Chas. B. Pratt, 2 years. Benjamin Walker, 1 year.

DIRECTORS OF THE FREE PUBLIC LIBRARY.

Francis H. Dewey, *President*.
James E. Estabrook, *Sec'y and Treas.*
Chas. M. Lamson, } 6 years. Jonas G. Clark, } 5 years.
James E. Estabrook, }
Samuel A. Porter, } 4 years. Clarendon Harris, } 3 years.
Albert Wood, }
Thomas J. Conaty, } 2 years. Francis A. Gaskill, } 1 year.
Wm. Dickinson, } Sam'l D. Harding, }
Samuel S. Green, *Librarian*.

BOARD OF HEALTH.

Rufus Woodward, *Chairman*. Henry Griffin, *Clerk*.
Henry Griffin, 1 year.
Rufus Woodward, 2 years. Friewaldau C. Thayer, 2 years.

SCHOOL COMMITTEE.

SAMUEL E. HILDRETH, *ex-officio, President*.

A. P. MARBLE, *Superintendent and Secretary*.

Office, No. 464 Main Street.

Members whose term expires January 1886.	Members whose term expires January 1885.	Members whose term expires January 1884.
Geo. F. Thompson,	Austin P. Cristy,	George W. Phillips,
Edwin H. Hill,	Charles M. Lamson,	Forest E. Barker,
John J. Casey,	Eugene M. Moriarty,	Dennis Scannell,
John J. McCoy,	John B. Cosgrove,	Jeremiah Murphy,
Richard O'Flynn,	George C. Reidy,	Thomas J. Conaty,
Henry S. Knight,	Alzirus Brown,	Geo. H. Ball,
Emerson Warner,	Henry L. Parker,	Kate C. Taft,
Edward B. Glasgow.	George Swan.	Rufus Woodward.

CENTRAL DISTRICT COURT.

SAMUEL UTLEY, *Chief Justice.*

GEORGE M. WOODWARD, }
 DAVID MANNING, JR., } *Associate Justices.*

EDWARD T. RAYMOND, *Clerk.*AUSTIN P. CRISTY, *Assistant Clerk.*

TRUANT COMMISSIONERS.

SAMUEL E. HILDRETH, *Mayor.*A. P. MARBLE, *Superintendent of Schools.*W. ANSEL WASHBURN, *City Marshal.*

HENRY E. FAYERWEATHER, }
 WILLIAM HICKEY, } *Truant Officers.*

CITY MARSHAL.

W. ANSEL WASHBURN. *Office, City Hall.**Residence, 3 Benefit Court.*

FIRST ASSISTANT MARSHAL.

NATHAN TAYLOR. *Office, City Hall.**Residence, 5 Irving Street.*

SECOND ASSISTANT MARSHAL.

AMOS ATKINSON. *Office, City Hall.**Residence, 90 Canterbury Street.*

CAPTAIN OF NIGHT POLICE.

JAMES K. CHURCHILL.

PATROLMEN.

Austin, W. E.

*Bonn, A. N.

Barker, C. W.

Bullock, Sylvanus G.

Barker, George V.

Chandley, G. B.

*Deceased May 2, 1883.

Colby, R. M.	Lawrence, W.
Curtis, Wm. R.	Legassy, J.
Deady, M.	Maloney, J. M.
Diggins, P.	March, A.
Doherty, Martin.	Matthews, D. A.
Drohan, W. N.	Mathews, R. F.
Eaton, E. H.	Matson, A. P.
Fairbanks, E.	McCarthy, D.
Farr, John R.	McLane, J. J.
Finneran, Wm.	Mecorney, H. H.
Foley, Daniel,	Mooney, N. J.
Foley, M. J.	Myers, Wm.
Flint, J. H.	O'Connor, J.
French, C.	O'Connor, Jas. S.
Garland, Chas. A.	O'Day, P.
Green, M. S.	Piper, Wm. A.
Grealish, S. H.	Ramsdell, Horace.
Hacker, M.	Ramsdell, Wm. R.
Hadley, John W.	Ranger, S. W.
Hanson, Chas.	Ratican, P. E.
Harper, A.	Robinson, E. T.
Herbert, J. A.	Riley, John H.
Howe, Frank.	Sampson, F. H.
Howe, Wm. J.	Simmons, Nathan A.
Hubbard, M. J.	Streeter, H. B.
Hunt, James.	Tyler, E.
Johnson, O. A.	Walsh, M. J.
Johnson, Wm. H.	Ward, S. W.
Killelea, T.	Warren, John W.
Lombard, E.	Woodward, James.
Lamb, M. B.	

CONSTABLES FOR CRIMINAL BUSINESS.

W. Ansel Washburn.	Renben M. Colby.
Nathan Taylor.	Amos Atkinson.
James K. Churchill.	David A. Matthews.
Henry E. Fayerweather.	W. W. Macomber,
William Hickey,	John W. Hadley.
Patrick O'Day.	Chas. W. Barker.

CONSTABLES FOR CIVIL BUSINESS.

Edward J. Russell,	Charles Marvin,
Theodore H. Bartlett,	Charles N. Hair,
Henry C. Rawson,	Daniel A. Hawkins,
F. C. Thayer,	Reuben Champion.

TRUSTEES OF THE CITY HOSPITAL.

Albert Curtis, <i>President</i> .	Stephen Salisbury, Jr., <i>Secretary</i> .
Chas. G. Reed, Alderman.	Albert Curtis, 4 years.
James C. Coffey, } Councilmen.	Joseph Sargent, 3 years.
Geo. E. Batchelder, }	Thomas H. Gage, 2 years.
	Stephen Salisbury, Jr., 1 year.

OVERSEERS OF THE POOR.

Samuel E. Hildreth, <i>President</i> .	George W. Gale, <i>Clerk</i> .
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SAMUEL E. HILDRETH, Mayor,	} <i>ex-officiis</i> Members.
A. P. MARBLE, Sup't of Schools,	
W. ANSEL WASHBURN, City Marshal,	

Dennis C. Leonard and Alzirus Brown, 3 years.
 James B. McMahon and Chas. B. Pratt, 2 years.
 J. Lewis Ellsworth and Charles Belcher, 1 year.

CITY PHYSICIAN.

RUFUS WOODWARD.

Office, No. 52 Pearl Street.

KEEPER OF ALMSHOUSE.

BENJAMIN F. PARKHURST.

UNDERTAKERS.

George Sessions,	James E. Fay,
Waldo E. Sessions,	George G. Hildreth,
Frank E. Sessions,	Andrew Athy,
Wm. J. Fay,	James A. Athy.

PUBLIC WEIGHERS.

Wm. A. Barrows, N. Worcester,	Silas Penniman, Lincoln Sq.,
Samuel Houghton, Salem Sq.,	Joseph Gates, Quinsigamond,
Alden Thayer, Pleasantville.	

MEASURERS OF WOOD.

Silas Penniman, Lincoln Sq., Samuel Houghton, Salem Sq.,
 Win. A. Barrows, N. Worcester, N. H. Chandler, S. Worcester,
 Alden Thayer, Pleasantville, Joseph Gates, Quinsigamond,
 Jacob M. Clough, 133 Union St.

SURVEYORS OF LUMBER.

Nahum R. Hapgood, Charles K. Fletcher,
 George Hartwell, Thos. H. Hayford,
 L. R. Hapgood.

FENCE VIEWERS.

Charles W. Burbank, Ebenezer Cutler, Charles Ballard.

MILK INSPECTOR.

Russell R. Shepard. Office, No. 3 Pleasant Street.

FIELD DRIVER.—L. B. Stone.

POUND KEEPER.—Michael Howley.

SEALER OF WEIGHTS AND MEASURES.

Russell R. Shepard. Office, No. 3 Pleasant Street.

WARD OFFICERS.

Ward 1.—WARDEN, Herbert A. Jones. CLERK, James Logan.
 INSPECTORS, Noble E. Jaques, Herbert A. Currier,
 Herbert J. Russell.

Ward 2.—WARDEN, F. E. Barker. CLERK, George W. Gale.
 INSPECTORS, Alfred S. Pinkerton, Moses D. Gilman,
 Lewis J. Pentecost.

Ward 3.—WARDEN, Lyman Brown. CLERK, John P. Fay.
 INSPECTORS, John Hagan, Hugh P. Canavan, John
 Dunn.

Ward 4.—WARDEN, Patrick H. Carroll. CLERK, Daniel J. Ward.
 INSPECTORS, John Griffin, Alexander Oswald, Michael
 H. Kane.

Ward 5.—WARDEN, Martin Doherty. CLERK, William A. Adams.
INSPECTORS, James Cronin, Stephen D. Dunn, Geo.
Taylor.

Ward 6.—WARDEN, Jonathan C. French. CLERK, Willie C. Young.
INSPECTORS, S. Warren Stockwell, Geo. F. Wall,
Charles S. Barton.

Ward 7.—WARDEN, James F. Kettell. CLERK, George A. Thayer.
INSPECTORS, Warren F. Bartlett, Edward H. Dunbar,
Chandler P. Barney.

Ward 8.—WARDEN, Mason A. Boyden,
CLERK, Woodbury C. Smith.
INSPECTORS, Chas. G. Parker, George H. Perry,
George H. Mellen.

BOARD OF ENGINEERS.

Office, No. 10 Bigelow Court.

SIMON E. COMBS, <i>Chief.</i>		WILLIAM BROPHY, <i>Clerk.</i>	
William Brophy,	} Assist. Engineers.	{	Edwin L. Vaughn.
Geo. S. Coleman,			Chas. M. Mills.

SALARIES OF CITY OFFICERS.

1883.

Mayor	\$1,500
City Clerk	1,800
City Treasurer and Collector	2,500
City Engineer, to furnish his own team	2,000
City Solicitor	2,500
City Physician	1,100
Auditor of Accounts	1,200
City Messenger	900
Commissioner of Highways, to furnish his own team	1,700
Water Commissioner, to furnish his own team	1,700
Water Registrar	1,400
Superintendent of Public Buildings, to furnish his own team	1,400
Superintendent of Sewers, to furnish his own team	1,600
Clerk of the Common Council	300
Clerk of the Overseers of the Poor	1,200
One Assessor and Chairman of the Board	1,200
Two Assessors—each	1,100
Asst. Assessors—each three dollars per diem.	
Milk Inspector	100
Sealer of Weights and Measures	250
One member of Board of Health and Secretary	200
One member of Board of Health and Inspector	700
City Marshal, to furnish his own team	1,800
First Assistant Marshal	1,300
Second Assistant Marshal	1,300
Captain of Night Police	1,200
Two Sergeants—each	1,000
Patrolmen \$2.50 per day or night.	
Chief Engineer of Fire Department	1,200
Electrician	800
First, second, third and fourth Assistant Engineers—each	250
Foremen of Companies—each (except Steamer Four)	175
Clerk of Board of Engineers	150
Engineers of Steamers 1, 2 and 3	250
Asst. Engineers of Steamers 1, 2 and 3	250
Hosemen (except Steamer 4), and Hook and Ladder men—each	150
Assistant Foremen of Companies (except 4)—each	165
Steamer Four:	
Foreman	125
Assistant Foreman	115
Engineer of Steamer	200
Assistant Engineer of Steamer	200
Hosemen—each	100

APPROPRIATIONS,

FOR THE YEAR 1883.

Abatements and Discount.....	\$56,000 00
Board of Health.....	2,000 00
City Hall.....	4,000 00
City Hospital..	8,000 00
Fire Department.....	51,000 00
Fire Department. (Fire Patrol).....	1,200 00
Free Public Library.....	13,000 00
Highways.....	60,000 00
Incidental Expenses.....	13,500 00
Interest.....	105,000 00
Interest on Sewer Loan.....	16,300 00
Lighting Streets.....	42,000 00
Pauper Dep't. (City Relief).....	15,000 00
Pauper Dep't. (Farm).....	13,000 00
Pauper Dep't. (House Offal).....	4,500 00
Pauper Dep't. (Truant School).....	2,000 00
Paving.....	5,000 00
Police Department....	70,000 00
Public Grounds.....	6,500 00
Salaries.....	18,500 00
School Department.....	185,000 00
School-houses.....	48,000 00
Sewers. (Maintenance).....	10,000 00
Sidewalks.....	20,000 00
Street Construction.....	20,000 00
Water Works. (Construction).....	40,000 00
	<hr/>
	\$829,500 00

