

CITY DOCUMENT, No. 38.

---

INAUGURAL ADDRESS

OF

HON. CHARLES G. REED,

MAYOR OF THE CITY OF WORCESTER, JAN. 7, 1884;

WITH THE

ANNUAL REPORTS

OF THE SEVERAL DEPARTMENTS,

FOR THE

FINANCIAL YEAR ENDING NOVEMBER 30, 1883.

---

WORCESTER:  
PRINTED BY CHARLES HAMILTON,  
311 MAIN STREET.  
1884.

# I N D E X.

	PAGE.
Mayor's Address . . . . .	5
Valedictory Address . . . . .	17
City Treasurer's Report . . . . .	21
Report of the Treasurer of City Trust Funds . . . . .	25
Report of the Auditor . . . . .	27
Report of the Commissioners of Sinking Funds . . . . .	99
Report of the Committee on Finance . . . . .	103
Report of the City Clerk . . . . .	105
The City Hospital,—Trustees and Officers . . . . .	107
Report of Trustees . . . . .	109
Report of the Superintendent and Resident Physician . . . . .	114
Report of the Visiting Staff . . . . .	128
Report of the Commissioners of the Jaques Fund, and other Funds of the City Hospital . . . . .	130
Report of the Commission of Public Grounds . . . . .	135
Report of the Committee on Water . . . . .	173
Report of the Water Commissioner . . . . .	176
Report of the Water Registrar . . . . .	187
Report on Dam and Reservoir on Tatnuck Brook to the Committee on Water . . . . .	191
Report of the Joint Standing Committee on Sewers . . . . .	205
Report of the Superintendent of Sewers . . . . .	207
Report of the Chief Engineer of the Fire Department . . . . .	211
Alarms of Fire in 1883 . . . . .	223
Location of Boxes of Fire Alarm Telegraph . . . . .	262
Report of Overseers of the Poor . . . . .	263
Report of the Committee on the Truant School . . . . .	282
Report of the City Physician . . . . .	299
Report of the City Marshal . . . . .	303
Worcester Schools,—Report of Superintendent . . . . .	323
Secretary's Report . . . . .	363
List of Schools, Teachers, &c. . . . .	366
Calendar for 1884 . . . . .	389
Authorized List of Text Books . . . . .	390
Worcester Free Public Library,—Directors in 1884 . . . . .	393
Directors' Report . . . . .	394
Report of the Librarian . . . . .	399
Gifts to the Library . . . . .	409
Report of the Committee on the Library . . . . .	413
Report of the Committee on the Reading Room . . . . .	414
Report of the Committee on the Building . . . . .	417
Report of the Committee on Finance . . . . .	419
Report of the Treasurer of the Reading Room Fund . . . . .	422
Report of the Board of Health . . . . .	423
Report of the Superintendent of Public Buildings . . . . .	431
Report of the Commissioners of Hope Cemetery . . . . .	443
Report of the Commissioner of Highways . . . . .	451
Report of the City Solicitor . . . . .	461

## A P P E N D I X.

City Government and Officers for 1884 . . . . .	1
Salaries . . . . .	12
Appropriations for 1884 . . . . .	13



Digitized by the Internet Archive  
in 2014

## MAYOR'S ADDRESS.

---

*Gentlemen of the Board of Aldermen,  
and of the Common Council:—*

WE are assembled together at this time, having been honored by our fellow-citizens in that they have intrusted to us the management and control of the various interests of this municipality; and, grateful to Almighty God, our Heavenly Father, for the prosperity wherewith he has blessed this city in its past history, and with a firm faith and reliance upon his continued divine guidance that he will direct and bless all honest efforts of ours for the prosperity and welfare of this city and its citizens, we have now taken upon ourselves the solemn obligation of our respective offices.

I would respectfully present to you for your consideration such matters of information, accompanied by recommendations, as the prospective wants of the several departments may seem to require.

### FINANCES.

On the 30th day of November, 1883, the funded loans of the city amounted to \$2,797,700, and the temporary loan to \$150,000; making a gross indebtedness of \$2,947,700. On the same date the cash in the treasury amounted to \$91,046.54, and the sinking funds to \$486,776.21; leaving a net indebtedness at the close of the last financial year of \$2,369,877.25 as against a net indebtedness of \$2,207,503.62, Nov. 30, 1882. Of the funded debt, \$833,400 bears interest at the rate of four per cent. per annum; \$140,000 at the rate of  $4\frac{1}{2}$  per cent.; \$765,000 at the



rate of 5 per cent., and \$1,059,300 at the rate of 6 per cent. All of the 6 per cent. loan will mature on or before April 1, 1892. The annual interest on the gross indebtedness before referred to amounts to \$147,644,—the average rate of interest thereon being almost exactly five per cent. The several sinking funds of the city, amounting as before stated to \$486,776.21, consist of investments in our own registered bonds to the extent of \$431,900, on which the interest is paid semi-annually at an average rate of about four and one-half per cent., and also of cash on deposit, Nov. 30, 1883, to the amount of \$54,876.21. Since that date the sum of \$61,923.86, which comprises all receipts from sewer assessments and from sales of real estate, as well as the balances at the close of the last financial year, of sundry appropriations, has been paid over to the commissioners, by the City Treasurer, as a contribution to the Sinking Funds heretofore established.

The various Trust funds belonging to the city, the details in regard to which will be found in the reports of the several boards and commissions having them in charge, show a net increase during the year of \$11,145.56. Of these funds those held for the benefit of the City Hospital amount to \$137,282.39; the Dr. John Green Library fund amounts to \$42,666.87; the Hope Cemetery fund to \$11,405.57; and the High School fund to \$1,503.92. All of these funds are in the custody of William S. Barton, as treasurer, and his accounts pertaining thereto, which are kept entirely separate from those of the City Treasurer, are subject to the supervision of the boards and commissions before alluded to.

From the books of the auditor it appears that the aggregate receipts for the last financial year, including the balance on hand Dec. 1st, 1882, amounted to \$2,180,916.75, and that the payments for the year amounted to \$2,089,870.21; showing a balance on hand, Nov. 30, 1883, as previously stated, of \$91,046.54. Further details in regard to the finances of the city will be found in the reports of the auditor and treasurer, both of which are to be laid before the City Council for their consideration.

## CLAIMS.

Claims for damages are frequently brought against the city for injuries received by falls upon the sidewalk, bursting of water pipes, defective highway and other causes, and the city has been obliged to settle these claims for damages for want of witnesses for the defence as to the actual damage, if any, and evidence which might have been readily obtained at the time of the accident. I shall endeavor to protect the city's interest by examination by proper persons at the time the claimed loss or injury may occur.

## WATER.

The report of the Joint Standing Committee on Water, accompanied by the reports of the Water Registrar and Water Commissioner, will be before you for consideration.

The total cost of our water-works to December 1, 1883, including new supply, is \$1,603,988.50. The cost of the new supply (included in the above), exclusive of damages for diversion of water and land taken, has been \$223,574.34. The settlement of the damage to the mill and land owners on the Tatnuck Brook will early come before the government, and will require your careful consideration.

The revenue *received* from water rates for the year 1883, was \$100,635.85; there are also bills in the hands of the City Treasurer for collection, amounting to \$12,199.06. The expense of water maintenance, including interest on the water loan, was \$53,577.44; leaving a balance that has been transferred to the sinking funds of \$47,058.41.

I desire to call your attention to a necessary change in the water rates and also to the use of meters. We now have in use 5,197 meters, and we are the only city in this country, where meters are used, that does not have a *minimum* rate per meter. There are to-day, in this city, many families using metered water who pay less to the city for the water than the cost to the city for reading their meters. If a fixed sum as a *minimum* rate for metered water should be adopted by the City Council,

it would at once put a stop to this defrauding the city, without a material increase of the bill to the honest water-taker, and add to the revenue of the department.

There are 718 hydrants in the city. There has been laid, during the past year,  $7\frac{17}{100}$  miles of pipe, making the total amount of main pipe now laid in the city  $90\frac{86}{100}$  miles; of this amount 45 miles is cement pipe; the length of the service pipe laid in the city is about  $55\frac{37}{100}$  miles. The many breaks in water-mains, involving not only loss of water, but great inconvenience, and, at times, damage, are almost invariably in the cement pipe, and we should each year replace a portion of it by cast iron pipe. The demand for service pipe will probably be larger the coming year than ever before aside from the rapid increase and growth of our city; in those sections in which the main sewers are now being laid, the wells are being drained by the sewers, and a liberal appropriation should be made for the water construction account; as no pipe is put in except under a guarantee of six per cent. upon the cost it becomes a paying investment to the city as well as a benefit to the individual property owner.

The office of the Water Commissioner should be removed from the City Hall to the water-shop on Thomas street, where the Commissioner would have the workshop and yards more under his own control, and while increasing the efficiency of the water department, it would also afford means of relief to the crowded office at the City Hall.

The committee ask for an appropriation of \$40,000.

#### SEWERS.

The City Council of 1883 voted, and the order for completing the work was prepared and passed by that government, for the extension of the East Worcester sewer from its present terminus to Shrewsbury street through Plum street, a distance of 1,000 feet, at an estimated expense of \$15,000. They also appropriated \$140,000 for the completion of the Cambridge street sewer from Chelsea street, its terminus at the time of the passage of

the order, to Park Avenue, a distance of 6,360 feet. This work has been begun and \$8,000 of the appropriation of \$140,000 has been expended. Whenever these two lines, the work on which has already been ordered, together with a much-needed main line through Southbridge, Washburn and Southgate streets shall have been built, our entire system of main sewers will have been completed. There will, however, be a constant demand and necessity for lateral sewers feeding into these main lines. The City Council of 1883 appropriated \$25,000 for so repairing and strengthening the bottom and sides of the Mill Brook sewer, between the Boston and Albany Railroad and Green street, that the sewer may be arched between those points, and I would recommend that if any of the appropriation remains after completing this work, it be applied to arching this sewer. With the additional water supply it is anticipated that the lateral sewers can be regularly flushed, thereby adding to the cleanliness of the city.

#### HIGHWAYS.

With our 150 miles of streets and ways, with the increasing weight and number of heavy teams cutting up the streets, with the sewer, water, street lighting department and gas company continually digging up the streets and never leaving them in as good condition as before, no department of the city is more difficult to manage or more criticised by the public than the highway department. The telegraph, telephone and electric light companies all add to the trials of this department. I am of the opinion that more paving should be used and less macadam on streets where the travel is heavy. As we do not have gravel or other good material for repairing streets, the pulverized stone should be used in repairs and upon streets where heavy teaming does not require paving. With the possible exception of Summer street, and perhaps Millbury street near its junction with Quinsigamond Avenue, the so-called macadamizing has been but little better than a good thorough repair of the streets where used. Main street, from School street to Lincoln Square, should be repaved the coming season, as well as the contemplated paving of Washington Square.



Frequent complaints are made of the obstruction to streets by the moving of wooden buildings; should permission again be granted for the removal of such buildings, in every case the building should be moved under the surveillance of the Commissioner of Highways; and the owner of the building should not only be obliged to give bonds for the protection of the city against damages that may arise from the obstruction, but also pay a fixed fee for the benefit of the Fire Department whose employés are obliged to spend valuable time in protecting the fire alarm telegraph wires from injury by the moving of the building.

The erection of telegraph, telephone and electric light poles to the obstruction of travel is a growing evil. No more poles will be erected without authority, and all petitions for their erection should be reported back to the government for final action, and permission should never be given unless the party petitioning agrees to allow other petitioners to jointly occupy their line of poles upon paying their proportion of the expense; by adopting this rule the number of obstructing poles will not be increased. The Joint Standing Committee on Public Works will endeavor to so co-operate with the Highway Department this year that complaints will cease of the continual digging up of our streets for sewer, gas, water, or street lights, as they can arrange so that work can be done and leave the street in as good condition as before commencement of work.

Of the work remaining undone in this department, Park Avenue from Beaver street to Mill street still remains unfinished. No order has been passed for the work, although the decree was passed October 25, 1880, and all damages are settled. Estimated cost of finishing the street, \$3,000. A decree re-locating Ripley street has been adopted at an estimated cost of \$600; the locating of the westerly end of Austin street, estimated cost \$150; the estimated cost of Gold street court is \$350. This comprises the uncompleted work that has been *decreed*. Decrees have been adopted for making Richards street public, estimated cost \$700; Houghton street, estimated cost \$700; and the north end of Ward street, estimated cost \$1,900. It will need \$400 more to finish up Mill street as originally con-

templated by the highway committees of 1882 and 1883 ; it will probably require about \$400 to complete North Merrick street, and about \$600 on Wall street. In addition to the above work, it is absolutely necessary, in order to complete the main Cambridge street sewer, that Crystal street be extended to Cambridge street. The County Commissioners have been petitioned to locate this extension across the Boston and Albany Railroad, but have as yet taken no action.

The appropriation asked for by this department is \$60,000 for highways ; for street construction, \$20,000 ; for block paving, \$25,000, and for sidewalks, \$20,000 ; a total of \$125,000.

#### LIGHTING STREETS.

This department asks for an increased appropriation on account of the increased expense attending the introduction of the electric light. Proposals will be before the committee for electric lighting. Estimated expense, \$11,000 ; for gas, \$17,000 ; for gasoline, \$22,000. Total amount asked for, \$50,000.

#### SHADE TREES AND PUBLIC GROUNDS.

The Commission, to whom we are so much indebted, through the efforts of its chairman, for whatever of care our shade trees may have had or improvement made in our public grounds, ask for an appropriation of \$7,000 as against \$6,500 of last year. Details of all matters connected with this Commission may be found in the report submitted to the City Council.

#### SCHOOLS.

We had in our day schools, Nov. 28, 1883, 10,014 pupils, an increase of 392 over the year before. The cost of these schools for the year has been \$179,488.91, and the School Board ask for an appropriation for the year 1884 of \$189,000. The number of day schools in 1882 was 200 ; number in 1883, 212. A new school-house on Millbury street, and the addition to the Winslow street house, furnish quarters for the additional schools.



The amount expended last year for evening schools was \$3,160.-59. An appropriation of \$4,000 is asked for this year by the School Board for these schools. The number of pupils in the evening schools was 327, with an average attendance of 270; the ages range from 15 to 45 years. The attendance is as regular as can be expected, and most of the pupils are extremely anxious to learn and are only absent from necessity, a large number being girls at service, who have but a part of the evenings to themselves, still they improve every opportunity to be present. These schools cannot be too highly commended, as they are giving an opportunity for an education that could be obtained by the pupils availing themselves of their benefits in no other way.

The School Board ask for an appropriation of \$40,000 for new school-houses.

#### PUBLIC LIBRARY.

This institution is carefully managed by a Board of Trustees, selected from among our most honored citizens, who have presented their report, which is on file, and will be brought before you for consideration. They ask for an appropriation of \$16,297.

#### CHARITIES.

Well-organized and directed efforts in the past, together with efficient officers, have made this important department one of the best arranged in New England. The several reports of the officers having it in charge will be submitted to you for consideration. The appropriation asked for by this department for the year to come is \$43,100.

#### CITY HOSPITAL.

There can be no question of the great value of the hospital to this community; the reports of the trustees and superintendent will give a full and complete statement of the work of the past year, also its anticipated needs for the year to come. It is

thoroughly equipped for its present capacity; it is provided with forty beds and accommodation for that number of patients. It is carefully and economically conducted under the present management. The cost per patient has been less than ever before in its history.

The appropriation by the City Council for 1883, was					\$8,000.00
Received from paying patients,	-	-	-	-	1,863.92
Received from State patients,	-	-	-	-	1,637.06
Income from Jaques Fund,	-	-	-	-	5,553.89
Income from Tenney Fund,	-	-	-	-	250.00

Total,	\$17,304.87
--------	-------------

The expense of the hospital for the last year was \$13,696.86. The estimated income from the Jaques and other funds for the year to come is \$6,000, and the appropriation asked for from the city is \$8,000.

#### FIRE DEPARTMENT.

This department asks for an appropriation of \$55,000; \$5,000 of this amount being for the reconstruction of the fire alarm telegraph, the fact being that our present system is totally inadequate for the increased growth of our city. We require ten circuits in place of the four now in use. As now arranged, the breaking of a line or any interference with telegraph, telephone or any other lines, is liable to expose and leave unprotected a large part of the city. The electrician has done the best he could with the present system. Our present boxes should be changed to the non-interference box; these prevent confusion of alarms on bells, should two boxes be pulled at the same time, as has frequently occurred the past year.

With the introduction of the signal and call boxes by the police, the extended use of wires by the electric light, telegraph and telephone companies, there is imperative necessity that the electrician should be employed all of the time in the electrical department. I should recommend that the fire alarm telegraph and signal call boxes be placed under the care of the electrician and a competent assistant, to be appointed by the Board of

Mayor and Aldermen, and the compensation fixed by them, and that all electric light wires, as well as telegraph and telephone wires, be strung under his superintendence, and the expense of that service to be paid by the company receiving the service. During the past year, valuable time needed by the city, has been spent by the electrician for the companies, and without any compensation.

The fire limit ordinance should at once be revised, either by a new general ordinance which should take the whole city into its provisions regulating the erection or alteration of wooden buildings, or by increasing the boundaries of the fire limits under the present ordinance; modifying it so that the Board of Mayor and Aldermen may have discretionary power to allow additions or erection of buildings not over twelve feet high, as, under the present ordinance, no building of any kind, not even a horse-shed, can be erected unless it is attached to another building; by the contemplated change in the ordinance no additional fire risk would be incurred. The entire ordinance regulating the Fire Department needs revising, as it was framed before permanent men were employed in the department, and great improvements could be made in its provisions.

Every well tested improvement in apparatus is at once adopted by the Fire Department, and with the exception of a much needed Hayes truck to reach the top of our highest buildings, no department in New England is better equipped or in a better state of efficiency. With our water pressure, and our admirable system of water pipes in the streets, so connected that the circulation is so regulated that in the event of a large fire and a corresponding increase of draught and consumption of water, this pressure can be maintained, no fire has been for years able to get great headway in the city proper, and with the contemplated improvements in the fire alarm and electrician duties, no anxiety is expressed for the future protection of the city.

#### POLICE.

For a complete report of the condition and doings of this department for the year 1883, I respectfully refer you to the

report of the City Marshal. The force at this time consists of a Marshal, two assistant Marshals of equal rank, a night captain, two sergeants, two detectives and sixty-two patrolmen; a total force of seventy men. This force is entirely too small to protect this city and suburbs, and I recommend an addition of six men to the force, making a total of seventy-six men. I have examined the police patrol and signal service as now in operation in various cities, and I have had correspondence with mayors of other cities where the system is in successful operation, and all are of the opinion that by the use of this service the city is better protected, and at a very much less cost, than if the number of patrolmen were doubled. By this service telephone and call signals are located on street corners at certain distances apart, placed in locked watch boxes, to which any good citizen can procure a key. These boxes are connected with the central station in the same manner as the fire alarm. The officer on the beat is required to report to the central station through this signal at regular intervals; he can also receive information of crime committed in any other part of the city, without leaving his beat, and be on the alert for the offenders. In case of an emergency, he or any other citizen can use the arbitrary call which will bring the patrol wagon with assistance from the main office, and an officer will not be obliged to leave his beat to take prisoners to the station. I would recommend the placing of twelve of the boxes in such localities as may be designated by the police authorities.

There should be a probation officer appointed, who should, as provided by the statute, take cognizance of cases as they come before the criminal courts, thereby, in the interest of humanity, giving an opportunity for reformation to those who have not become hardened in sin and crime, by placing them on probation under the officer's care. Whatever changes may be made at this time in the force will be made without regard to politics, nationality or religious belief, and an effort will be made at once, by examination of methods in other cities, to perfect a plan that will remove politics from the police force, making moral and



physical fitness and efficiency conditions of appointment rather than politics or nationality.

*Gentlemen :—*

In conclusion, let us remember that while the rapid growth of the city demands increased improvements and expenses, with heavy expenditures for sewers this year, as well as damages for the new water supply, we should weigh carefully all our projected improvements and endeavor to check every useless expense, and guard well the moral and financial interests of the city.

# VALEDICTORY ADDRESS

OF

HON. SAMUEL E. HILDRETH,

MAYOR OF THE CITY OF WORCESTER,

DELIVERED BEFORE THE CITY COUNCIL, DECEMBER 31, 1883.

---

*Gentlemen of the City Council:*

This is the last time we shall meet in our official capacity as the City Council of Worcester; therefore, it is well, perhaps, to take a look at the past and revive in our thoughts some of the work of the year; in some respects it has been one of great interest to the citizens and tax-payers. The water supply has given our people cause for anxiety; for several years past, owing to the unprecedented growth of the city, and the extremely dry season of last year, steps were taken, as you all know, to procure a larger supply. Early in this year the Water Committee found it was necessary to at once proceed to the erection of the Holden dam and lay a line of pipe to convey the water to the city. They saw their duty and accepted the situation; the result is, we have a storing capacity sufficient for a number of years to come all in complete order and ready for use at a cost of \$223,574.34. There is yet to be arranged with the mill-owners the amount of damage for the taking of their water-rights and land, which will all be settled in due time. There has been \$49,612.02 expended for the extending the pipes into other streets, and for the accommodation of consumers, thereby adding to our revenue for water.

The Sewer Committee have not been idle during the season, which has been uncommonly favorable for their work. The Pine Meadow sewer has been completed at an expense of \$15,000; but, before we get the full benefit of this sewer, about \$15,000



will need to be expended in order to drain the large swamp lying east of East Worcester, which your Committee have anticipated, and an appropriation has been made for that purpose, and the work will be commenced early in the spring. \$25,000 has also been appropriated for the reconstruction of the bottom of Mill Brook sewer, preparatory to the covering of this sewer as far as Green street, which should be done as soon as practicable. The Cambridge street sewer has been pushed forward as fast as possible the present season, although the Superintendent has been somewhat delayed by water in the trench and some of the way by rock which has made it slow digging, yet the distance laid is much more than was anticipated in the spring, about 2,000 feet having been put in this season, and, by a wise foresight, an appropriation of \$140,000 was made by this City Council by which the work is now being pushed forward as rapidly as possible, which will when completed relieve the people on the west side of the City. Besides these main sewers there has been a large number of smaller sewers laid in streets in different parts of the City at an expense all told of \$71,786.70;—\$70,000 of which will be funded.

The Streets have had the usual good care, and are in good condition; the westerly end of Front street has been paved; Portland and Prescott streets have been macadamized, together with a large amount of work on other streets by the Commissioner under the direction of the Committee, and they have done their work well. They have expended about \$109,753.

We have built two new School-houses this year at an expense of \$53,154.07; these will accommodate about 700 scholars, and, in order to keep pace with the increase of our population, it will require about this outlay each year. In my opinion there is no money spent, to greater advantage to all, than the appropriation for schools. The school department has cost this year \$182,631.98, making a total for schools and school-houses of \$235,786.05.

Our Police Department has never been in better condition than at the present time. There has been no complaint, of a serious nature, the past year against the force, and those that have been made have been of an *ex parte* nature, which upon

investigation have been made to gratify some personal revenge or some fancied injury which had no foundation. The Sub-station on Lamartine street has been paid for out of the appropriation of this year, at a cost of \$11,506.87. The establishment of this station was considered somewhat of an experiment, but it has proved to be of great benefit to that section of the City.

All of the departments and their committees have done their duty faithfully and well, and have given each subject that has come before them careful consideration, and, so far as I am able to see, nothing but commendation can be said.

In conclusion, Gentlemen, let me tender to you all my thanks for the many manifestations of kindness and courtesy which you have shown me personally and the assistance you have given me in the performance of my duty, and your readiness to overlook short-comings and mistakes.

I shall always remember this City Council with the kindest of feelings.



# REPORT OF THE CITY TREASURER.

---

OFFICE OF THE CITY TREASURER, }  
WORCESTER, MASS., January 7, 1884. }

*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, 1883, from which it appears that the

Cash in the Treasury, Dec. 1, 1882, was	\$165,431 17
Received during the year,	2,091,610 52
Total,	<hr/> \$2,257,041 69
Paid during the year,	2,090,371 46
Balance, Nov. 30, 1883,	<hr/> \$166,670 23
From which deduct unpaid drafts,	75,623 69
Leaving balance, as per Auditor's Account, of	<hr/> \$91,046 54

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, 1882,*

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

No. of acct.	
1.	Abatements and Discount, . . . . . \$55,083 24
2.	Board of Health, . . . . . 1,226 42
3.	City Hall, . . . . . 5,071 72
4.	City Hospital, . . . . . 11,885 09
5.	City Hospital Building, . . . . . 652 72
6.	City Hospital, Jaques Fund, . . . . . 5,553 89
7.	City Hospital, Tenney Fund, . . . . . 250 00
8.	Fire Department, . . . . . 50,066 48
9.	Fire Department, Fire Patrol, . . . . . 1,200 00
10.	Free Public Library, . . . . . 15,595 17
11.	Highway Department, . . . . . 112,912 70
12.	Incidental Expenses, . . . . . 19,339 49
13.	Interest, . . . . . 113,208 63
14.	Interest on Sewer Loan, . . . . . 16,300 00
15.	Interest on Water Loan, . . . . . 20,498 00
16.	Lighting Streets, . . . . . 42,163 35
17.	Liquor Licenses, . . . . . 14,087 50
18.	Loans, Funded City, . . . . . 10,000 00
19.	Loans, Temporary, . . . . . 500,000 00
20.	Pauper Department, City Relief, . . . . . 18,250 11
21.	Pauper Department, Farm, . . . . . 19,764 41
22.	Pauper Department, House Offal, . . . . . 8,598 09
23.	Pauper Department, Truant School, . . . . . 1,494 38
24.	Police Department, . . . . . 78,673 99
25.	Public Grounds, . . . . . 6,581 28
26.	Salaries, . . . . . 17,962 14
27.	School Department . . . . . 183,987 84
28.	School-houses, . . . . . 52,892 09
29.	Sewers, Construction, . . . . . 75,718 53
30.	Sewers, Construction, special order, 1883, . . . . . 3,991 02
31.	Sewers, Maintenance, . . . . . 8,835 60
32.	Sinking Fund, 1875, General Debt, . . . . . 73,457 90
33.	Sinking Fund, 1876, Water Loan, . . . . . 2,167 82
34.	Sinking Fund, 1877, Lynde Brook Damages, . . . . . 10,857 33
35.	Sinking Fund, 1878, Lynde Brook Damages, . . . . . 6,240 56
36.	Sinking Fund, 1879, Lynde Brook Damages, . . . . . 3,990 18
37.	Sinking Fund, 1879, Island Sewer, . . . . . 4,632 81
38.	Sinking Fund, 1879, Foster Street, . . . . . 10,030 25
39.	Sinking Fund, 1880, Island Sewer, . . . . . 1,289 10
40.	Sinking Fund, 1880, Foster Street, . . . . . 2,778 18
41.	Sinking Fund, 1881, Island Sewer, . . . . . 2,422 63
42.	Sinking Fund, 1881, City Hospital Building, . . . . . 3,088 44
43.	Sinking Fund, 1882, Lynde Brook Damages, . . . . . 2,542 96
44.	Sinking Fund, 1882, Jaques Forfeiture Acct., . . . . . 2,011 85
45.	Sinking Fund, 1882, City Hospital Building, . . . . . 2,967 34
46.	Sinking Fund, 1883, Sewer Loan, . . . . . 2,550 50
47.	Sinking Fund, 1883, Summer St. Construction, . . . . . 10,934 11
48.	State Aid, . . . . . 7,600 50
49.	Street Construction, . . . . . 37,522 40
50.	Street Construction, Summer Street, . . . . . 10,168 31
51.	Taxes, 1882, Corporation, . . . . . 17 81
52.	Taxes, 1882, County, . . . . . 19,013 50
53.	Taxes, 1882, National Bank, State Account, . . . . . 24,744 06
54.	Taxes, 1882, State, . . . . . 57,020 00
55.	Taxes, 1883, County, . . . . . 18,752 00
56.	Water Works, Construction, . . . . . 53,548 48
57.	Water Works, Construction, New Supply, . . . . . 214,766 08
58.	Water Works, Maintenance, . . . . . 33,412 48

Balance, Cash in Treasury, Nov. 30, 1883,	\$2,090,371 46
	166,670 23

\$2,257,041 69



to Nov. 30, 1883, with WILLIAM S. BARTON, *City Treasurer, Cr.*

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

No. of acct.		
1.	Board of Health, . . . . .	\$17 25
2.	City Hall, . . . . .	1,037 64
3.	City Hospital, . . . . .	3,504 98
4.	City Hospital, Jaques Fund, . . . . .	5,553 89
5.	City Hospital, Tenney Fund, . . . . .	250 00
6.	Fire Department, . . . . .	1,172 13
7.	Free Public Library, . . . . .	2,609 57
8.	Highway Department, . . . . .	24,472 88
9.	Incidental Expenses, . . . . .	9,502 76
10.	Interest, . . . . .	20,713 39
11.	Lighting Streets, . . . . .	82 25
12.	Liquor Licenses, . . . . .	56,350 00
13.	Loans, Funded City, . . . . .	90,000 00
14.	Loans, Funded Sewer, . . . . .	65,000 00
15.	Loans, Temporary, . . . . .	650,000 00
16.	Pauper Department, City Relief, . . . . .	3,460 63
17.	Pauper Department, Farm, . . . . .	4,558 88
18.	Pauper Department, House Ofal, . . . . .	6,748 48
19.	Police Department, . . . . .	11,309 88
20.	Premium on City Bonds, . . . . .	2,727 00
21.	Public Grounds, . . . . .	80 60
22.	Real Estate Sales, . . . . .	361 80
23.	School Department, . . . . .	616 04
24.	School-houses, . . . . .	5,189 40
25.	Sewer Assessment, . . . . .	8,742 21
26.	Sewers, Construction, . . . . .	2,734 52
27.	Sewers, Construction, special order, 1883, . . . . .	5 00
28.	Sewers, Maintenance, . . . . .	20 25
29.	Sidewalk Assessment, . . . . .	9,226 90
30.	Sinking Fund, 1875, General Debt, . . . . .	10,723 93
31.	Sinking Fund, 1877, Lynde Brook Damages, . . . . .	15 82
32.	Sinking Fund, 1879, Foster Street, . . . . .	15 82
33.	Sinking Fund, 1883, Summer Street, . . . . .	320 33
34.	State Aid, . . . . .	9,500 00
35.	Street Construction, . . . . .	1,000 00
36.	Taxes, 1877, . . . . .	38 40
37.	Taxes, 1878, . . . . .	18 32
38.	Taxes, 1879, . . . . .	16 24
39.	Taxes, 1880, . . . . .	29 92
40.	Taxes, 1881, . . . . .	168 44
41.	Taxes, 1882, . . . . .	15,785 29
42.	Taxes, 1882, Corporation, . . . . .	62,080 16
43.	Taxes, 1882, National Bank, State Acct., . . . . .	8,171 78
44.	Taxes, 1883, . . . . .	875,184 80
45.	Water Works, Construction, . . . . .	20,951 36
46.	Water Works, Construction, New Supply, . . . . .	905 73
47.	Water Works, Maintenance, . . . . .	100,635 85
		<hr/>
Balance, Cash in Treasury, Dec. 1, 1882,		\$2,091,610 52
		165,431 17
		<hr/>
		\$2,257,041 69

WM. S. BARTON,  
*City Treasurer.*

WORCESTER, MASS., January 7, 1884.





# REPORT

OF THE

## TREASURER OF THE CITY TRUST FUNDS.

OFFICE OF THE CITY TREASURER, }  
WORCESTER, MASS., January 7, 1884. }

*To the Honorable City Council:*

The undersigned respectfully presents the following statements, showing the receipts and payments on account of the several trust funds belonging to the city, together with the investments and cash balances carried forward at the close of the financial year ending November 30, 1883:

### STATEMENT OF THE FUNDS.

December 1, 1882 to November 30, 1883.

No.	TITLE OF FUND.	Amount Dec. 1, 1882.	Receipts during year.	TOTAL.	Paym'ts during year.	Amount Nov. 30, 1883.
1	A. H. Bullock, High School.....1860.	\$1,532 11	\$60 34	\$1,592 45	\$88 53	\$1,503 92
2	Hope Cemetery.....1863.	10,857 46	6,486 66	17,344 12	5,938 55	11,405 57
3	Dr. John Green, Library.....1868.	41,485 26	2,110 95	43,596 21	929 34	42,666 87
4	Isaac Davis, Hospital.....1873.	1,865 13	115 41	1,980 54	.....	1,980 54
5	George Jaques, Hospital.....1874.	119,770 66	14,977 84	134,748 50	5,707 16	129,041 34
6	Albert Curtis, Hospital.....1876.	1,014 03	40 80	1,054 83	8 00	1,046 83
7	J. B. Shaw, Hospital.....1877.	188 54	25 14	213 68	.....	213 68
8	J. A. Tenney, Hospital.....1881.	5,000 00	250 00	5,250 00	250 00	5,000 00
	Total .....	\$181,713 19	\$24,067 14	\$205,780 33	\$12,921 58	\$192,858 75

## INVESTMENTS AND BALANCES.

November 30, 1883.

INVESTMENTS.						CASH.	BALANCES.
No.	First Mortgages.	Bank Stock.	R. R. Bond.	Special Deposits.	TOTALS.	Bank Deposits.	Investments and Cash.
1	.....	.....	.....	\$1,500 00	\$1,500 00	\$3 92	\$1,503 92
2	.....	.....	.....	9,400 00	9,400 00	2,005 57	11,405 57
3	\$22,451 00	\$7,300 00	.....	10,653 99	40,404 99	2,261 88	42,666 87
4	.....	.....	\$1,000 00	980 54	1,980 54	.....	1,980 54
5	125,700 00	1,500 00	.....	432 55	127,632 55	1,408 79	129,041 34
6	.....	.....	.....	1,000 00	1,000 00	46 83	1,046 83
7	.....	.....	.....	213 68	213 68	.....	213 68
8	5,000 00	.....	.....	.....	5,000 00	.....	5,000 00
	\$153,151 00	8,800 00	\$1,000 00	\$24,180 76	\$187,131 76	\$5,726 99	\$192,858 75

For further details, relative to the above funds, reference may be had to the annual reports of the several Boards and Commissions having them in charge, and to the accounts of the undersigned appended thereto.

Respectfully submitted,

WM. S. BARTON,

*Treasurer.*

WORCESTER, MASS., January 7, 1884.

# REPORT OF THE AUDITOR.

---

CITY OF WORCESTER, }  
AUDITOR'S OFFICE, January 7, 1884. }

*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, 1883, and showing the *Balances unexpended* at that date, the *Liabilities* and *Cash Assets*, and a *Schedule of the City Property*.

Respectfully submitted.

HENRY GRIFFIN, *Auditor*.

## *Receipts.*

The Receipts for the year ending November 30, 1883, are shown in aggregates, as credited to the following accounts:—

No. of Acc't.

1.	Board of Health . . . . .	\$17 25
2.	City Hall . . . . .	1,037 64
3.	City Hospital . . . . .	3,504 98
4.	City Hospital, Jaques Fund . . . . .	5,553 89
5.	City Hospital, Tenney Fund . . . . .	250 00
6.	Fire Department . . . . .	1,172 13
7.	Free Public Library . . . . .	2,609 57
8.	Highway Department . . . . .	24,472 88
9.	Incidental Expenses . . . . .	9,502 76
10.	Interest . . . . .	20,713 39
11.	Lighting Streets . . . . .	82 25
12.	Liquor Licenses . . . . .	56,350 00
13.	Loans, Funded City . . . . .	90,000 00
14.	Loans, Funded Sewer . . . . .	65,000 00
15.	Loans, Temporary . . . . .	650,000 00
16.	Pauper Department, City Relief . . . . .	3,460 63
17.	Pauper Department, Farm . . . . .	4,558 88
18.	Pauper Department, House Offal . . . . .	6,748 48
19.	Police Department . . . . .	11,309 88
20.	Premium on City Bonds . . . . .	2,727 00
21.	Public Grounds . . . . .	80 60
22.	Real Estate Sales . . . . .	361 80
23.	School Department . . . . .	616 04
24.	School-houses . . . . .	5,189 40
25.	Sewer Assessment . . . . .	8,742 21
26.	Sewers, Construction . . . . .	2,734 52
27.	Sewers, Special Order, 1883 . . . . .	5 00
28.	Sewers, Maintenance . . . . .	20 25
29.	Sidewalk Assessment . . . . .	9,226 90
30.	Sinking Fund, No. 1, 1875, General Debt . . . . .	10,723 93
31.	Sinking Fund, No. 3, 1877, Lynde Brook Damages, . . . . .	15 82
32.	Sinking Fund, No. 7, 1879, Foster Street . . . . .	15 82
33.	Sinking Fund, No. 16, 1883, Summer Street . . . . .	320 33
34.	State Aid . . . . .	9,500 00
35.	Street Construction . . . . .	1,000 00
36.	Taxes, 1877 . . . . .	38 40
37.	Taxes, 1878 . . . . .	18 32
38.	Taxes, 1879 . . . . .	16 24
39.	Taxes, 1880 . . . . .	29 92
40.	Taxes, 1881 . . . . .	168 44
41.	Taxes, 1882 . . . . .	15,785 29
42.	Taxes, 1882, Corporation . . . . .	62,080 16
43.	Taxes, 1882, National Bank, State Account . . . . .	8,171 78
44.	Taxes, 1883 . . . . .	875,184 80
45.	Water Works, Construction . . . . .	20,951 36
46.	Water Works, New Supply . . . . .	905 73
47.	Water Works, Maintenance . . . . .	100,635 85

\$2,091,610 52

## *Expended.*

The Claims for the year ending November 30, 1883, as approved and drawn for in the Auditor's Office, are shown in aggregates, as charged to the following accounts.

No. of Acc't.

1.	Abatements and Discount . . . . .	\$55,083 24
2.	Board of Health . . . . .	1,200 36
3.	City Hall . . . . .	5,033 57
4.	City Hospital . . . . .	10,359 27
5.	City Hospital, Jaques Fund . . . . .	5,553 89
6.	City Hospital, Tenney Fund . . . . .	250 00
7.	Fire Department . . . . .	50,812 08
8.	Fire Department, Fire Patrol . . . . .	1,200 00
9.	Free Public Library . . . . .	16,010 59
10.	Highway Department . . . . .	109,753 06
11.	Incidental Expenses . . . . .	19,693 96
12.	Interest . . . . .	113,208 63
13.	Interest on Sewer Loan . . . . .	16,300 00
14.	Interest on Water Loan . . . . .	20,498 00
15.	Lighting Streets . . . . .	42,821 42
16.	Liquor Licenses . . . . .	14,087 50
17.	Loans, Funded City . . . . .	10,000 00
18.	Loans, Temporary . . . . .	500,000 00
19.	Pauper Department, City Relief . . . . .	18,417 87
20.	Pauper Department, Farm . . . . .	19,192 87
21.	Pauper Department, House Offal . . . . .	7,795 22
22.	Pauper Department, Truant School . . . . .	1,551 73
23.	Police Department . . . . .	78,988 01
24.	Public Grounds . . . . .	6,568 76
25.	Salaries . . . . .	17,770 82
26.	School Department . . . . .	183,365 54
27.	School-houses . . . . .	53,154 07
28.	Sewers, Construction . . . . .	71,786 30
29.	Sewers, Special Order, 1883 . . . . .	8,391 57
30.	Sewers, Maintenance . . . . .	8,442 13
31.	Sinking Fund, No. 1, 1875, General Debt . . . . .	73,457 90
32.	Sinking Fund, No. 2, 1876, Water . . . . .	2,167 82
33.	Sinking Fund, No. 3, 1877, Lynde Brook Damages, . . . . .	10,857 33
34.	Sinking Fund, No. 4, 1878, Lynde Brook Damages, . . . . .	6,240 56
35.	Sinking Fund, No. 5, 1879, Lynde Brook Damages, . . . . .	3,990 18
36.	Sinking Fund, No. 6, 1879, Island Sewer . . . . .	4,632 81
37.	Sinking Fund, No. 7, 1879, Foster Street . . . . .	10,080 25
38.	Sinking Fund, No. 8, 1880, Island Sewer . . . . .	1,289 10
39.	Sinking Fund, No. 9, 1880, Foster Street . . . . .	2,778 18
40.	Sinking Fund, No. 10, 1881, Island Sewer . . . . .	2,422 63
41.	Sinking Fund, No. 11, 1881, City Hospital Building, . . . . .	3,088 44
42.	Sinking Fund, No. 12, 1882, Lynde Brook Damages, . . . . .	2,542 96
43.	Sinking Fund, No. 13, 1882, Jaques Forfeiture . . . . .	2,011 85
44.	Sinking Fund, No. 14, 1882, City Hospital Building, . . . . .	2,967 34
45.	Sinking Fund, No. 15, 1883, Sewer Loan . . . . .	2,550 50
46.	Sinking Fund, No. 16, 1883, Summer Street . . . . .	10,934 11
47.	State Aid . . . . .	7,600 50
48.	Street Construction . . . . .	37,374 46
49.	Street Construction, Summer Street . . . . .	9,829 66
50.	Taxes, 1882, Corporation . . . . .	17 81
51.	Taxes, 1882, County . . . . .	19,013 50
52.	Taxes, 1882, National Bank Tax, State Account . . . . .	24,744 06
53.	Taxes, 1882, State . . . . .	57,020 00
54.	Taxes, 1883, County . . . . .	18,752 00
55.	Water Works, Construction . . . . .	49,612 02
56.	Water Works, New Supply . . . . .	223,574 34
57.	Water Works, Maintenance . . . . .	33,079 44

---

\$2,089,870 21



# MAYOR'S DRAFTS

## AND

### TREASURER'S PAYMENTS COMPARED.

The column of differences, Nov. 30, 1883, 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.	ACCOUNT.	Differences, Nov. 30, 1882.	Mayor's Drafts.	Total.	Treasurer's Payments.	Differences, Nov. 30, 1883.
1	Abatements and Discount.....		\$55,083 24	\$55,083 24	\$55,083 24	
2	Board of Health .....		1,200 36	1,312 27	1,226 42	85 85
3	City Hall .....	\$111 91	5,033 57	5,721 86	5,071 72	650 14
4	City Hospital.....	2,835 13	10,359 27	13,194 40	11,885 09	1,309 31
5	City Hospital, Building.....	652 72		652 72	652 72	
6	City Hospital, Jaques Fund.....		5,553 89	5,553 89	5,553 89	
7	City Hospital, Tenney Fund .....		250 00	250 00	250 00	
8	Fire Department .....	11,593 44	50,812 08	62,405 52	50,066 48	12,339 04
9	Fire Department, Fire Patrol.....		1,200 00	1,300 00	1,200 00	
10	Free Public Library .....	2,740 11	16,010 59	18,750 70	15,595 17	3,155 53
11	Highway Department.....	9,098 18	109,753 06	118,851 24	112,912 70	5,938 54
12	Incidental Expenses.....	547 98	19,638 96	20,241 94	19,339 49	902 45
13	Interest .....		113,208 63	113,208 63	113,208 63	
14	Interest on Sewer Loan.....		16,300 00	16,300 00	16,300 00	
15	Interest on Water Loan.....		20,498 00	20,498 00	20,498 00	
16	Lighting Streets.....	3,087 21	42,821 42	45,908 63	42,163 35	3,745 28
17	Liquor Licenses.....		14,087 50	14,087 50	14,087 50	
18	Loans, Funded City.....		10,000 00	10,000 00	10,000 00	
19	Loans, Temporary.....		500,000 00	500,000 00	500,000 00	
20	Pauper Department, City Relief....	691 19	18,417 87	19,109 06	18,250 11	858 95
21	Pauper Department, Farm.....	1,885 68	19,192 87	21,078 55	19,764 41	1,314 14
22	Pauper Department, House Offal....	1,011 69	7,795 22	8,806 91	8,598 09	208 82
23	Pauper Department, Truant School.	34 25	1,551 73	1,585 98	1,494 38	91 60
24	Pelice Department.....	5,310 60	78,988 01	84,298 61	78,673 99	5,624 62
25	Public Grounds.....	568 94	6,568 76	7,137 70	6,581 28	556 42
26	Salaries .....	1,679 08	17,770 82	19,449 90	17,962 14	1,487 76
27	School Department.....	18,853 70	183,365 54	202,219 24	183,987 84	18,231 40
28	School Houses.....		53,154 07	53,154 07	52,892 09	261 98
29	Sewers, Construction.....	6,351 92	71,786 30	78,138 22	75,718 53	2,419 69
30	Sewers, order Oct., 1883.....		8,391 57	8,391 57	3,991 02	4,400 55
31	Sewers, Maintenance.....	801 75	8,442 13	9,243 88	8,835 60	408 28
32	Sinking Fund, No. 1, 1875, General Debt.....		73,457 90	73,457 90	73,457 90	
33	Sinking Fund, No. 2, 1876, Water....		2,167 82	2,167 82	2,167 82	
34	Sinking Fund, No. 3, 1877, Lynde Brook Damages.....		10,857 33	10,857 33	10,857 33	
35	Sinking Fund, No. 4, 1878, Lynde Brook Damages.....		6,240 56	6,240 56	6,240 56	
36	Sinking Fund, No. 5, 1879, Lynde Brook Damages.....		3,990 18	3,990 18	3,990 18	
37	Sinking Fund, No. 6, 1879, Island Sewer.....		4,632 81	4,632 81	4,632 81	
38	Sinking Fund, No. 7, 1879, Foster Street.....		10,030 25	10,030 25	10,030 25	
39	Sinking Fund, No. 8, 1880, Island Sewer.....		1,289 10	1,289 10	1,289 10	
40	Sinking Fund, No. 9, 1880, Foster Street.....		2,778 18	2,778 18	2,778 18	
41	Sinking Fund, No. 10, 1881, Island Sewer.....		2,422 63	2,422 63	2,422 63	
42	Sinking Fund, No. 11, 1881, City Hospital Building.....		3,088 44	3,088 44	3,088 44	
43	Sinking Fund, No. 12, 1882, Lynde Brook Damages.....		2,542 96	2,542 96	2,542 96	
44	Sinking Fund, No. 13, 1882, Jaques Forfeiture Account.....		2,011 85	2,011 85	2,011 85	
45	Sinking Fund, No. 14, 1882, City Hospital Building.....		2,967 34	2,967 34	2,967 34	
46	Sinking Fund, No. 15, 1883, Sewer Loan.....		2,550 50	2,550 50	2,550 50	
47	Sinking Fund, No. 16, 1883, Summer Street .....		10,934 11	10,934 11	10,934 11	
48	State Aid.....		7,600 50	7,600 50	7,600 50	
49	Street Construction.....	169 31	37,374 46	37,543 77	37,522 40	21 37
50	Street Construction, Summer Street	498 65	9,829 66	10,328 31	10,168 31	160 00
51	Taxes, 1882, Corporation.....		17 81	17 81	17 81	
52	Taxes, 1882, County.....		19,013 50	19,013 50	19,013 50	
53	Taxes, 1882, National Bank, State Account.....		24,744 06	24,744 06	24,744 06	
54	Taxes, 1882, State.....		57,020 00	57,020 00	57,020 00	
55	Taxes, 1883, County.....		18,752 00	18,752 00	18,752 00	
56	Water Works, Construction.....	5,656 08	49,612 02	55,269 10	53,548 48	1,720 62
57	Water Works, New Supply .....		223,574 34	223,574 34	214,766 08	8,808 26
58	Water Works, Maintenance .....	1,156 13	33,079 44	34,235 57	33,412 45	823 09
		\$76,124 94	\$2,089,870 21	\$2,165,995 15	\$2,090,371 46	\$75,623 69

## AUDITOR'S REPORT.

Showing the Appropriation for each City Account; the Receipts and Expenses for the year ending November 30, 1883; and the balances unexpended at that date.

### *Abatements and Discount.*

Appropriation,	\$56,000 00
	<hr/>
	\$56,000 00

#### EXPENDED.

For Abatements allowed by Assessors,	\$3,175 90
Discount allowed for prompt payment,	51,907 34
	<hr/>
Total, as per item No. 1 of Expenses,	\$55,083 24
	<hr/>
Balance unexpended, transferred to Sinking Fund,	\$916 76

### *Board of Health.*

Appropriation,	\$2,000 00
Less amount transferred to Lighting Streets,	739 17
	<hr/>
	\$1,260 83

#### RECEIVED.

From Sundry persons for Licenses,	\$17 25
	<hr/>
Total, as per item No. 1 of Receipts,	\$17 25
	<hr/>
	\$1,278 08

## EXPENDED.

For Salary of A. A. Lovell, Inspector (bal.),	\$134 17	
“ “ Henry Griffin, Clerk,	95 82	
“ “ F. C. Thayer, Inspector,	573 41	
“ “ “ “ Clerk,	75 00	
Extra services of Inspector,	218 25	
Hack and horse hire,	8 00	
Stationery and stamps,	5 30	
Advertising,	58 00	
Printing,	22 16	
Horse car tickets,	1 25	
Copying contract,	50	
Subscription to Sanitarium,	3 00	
Posting Notices,	2 50	
Traveling expenses,	3 00	
		<hr/>
Total, as per item No. 2 of Expenses,	\$1,200 36	
		<hr/>
Balance unexpended, transferred to Sinking Fund,		\$77 72

*City Hall.*

Appropriation,	\$4,000 00	
		<hr/>
		\$4,000 00

## RECEIVED.

For Rent of Court Room,	\$1,000 00	
Amount refunded,	2 00	
Materials sold,	35 64	
		<hr/>
Total, as per item No. 2 of Receipts,	\$1,037 64	
		<hr/>
		\$5,037 64

## EXPENDED.

For Gas,	\$912 76	
Fuel,	542 25	
Janitor's assistant,	600 00	
Furniture, fixtures and repairs of same,	1,123 28	
Repairs on building,	1,665 34	
Brooms, brushes, matches, &c.	74 22	

For Removing ashes and trucking,	34 00	
Ice,	9 72	
Rent of telephones,	72 00	
		<hr/>
Total, as per item No. 3 of Expenses,		\$5,033 57
		<hr/>
Balance unexpended, transferred to Sinking Fund,		\$4 07

*City Hospital.*

Appropriation,	\$8,000 00	
	<hr/>	
		\$8,000 00

## RECEIVED.

For Board of patients,	\$1,863 92	
Aid to State Paupers, from Common- wealth,	1,637 06	
Refunded on bill,	4 00	
	<hr/>	
Total, as per item No. 3 of Receipts,		\$3,504 98
		<hr/>
		\$11,504 98

## EXPENDED.

For Salary of Dr. C. A. Peabody (in part),	\$800 00
“ “ Matron (in part),	200 00
Services of nurses and domestics,	1,883 47
Groceries and provisions,	2,035 02
Crockery, tinware, &c.,	130 02
Furniture, fixtures and repairs of same,	354 01
Repairs on building,	593 86
Medicines,	390 37
Surgical instruments and repairs of same,	20 15
Druggist's glass ware and labels,	38 03
Fuel,	1,041 39
Gas,	218 43
Electric gas lighting apparatus,	32 07
Printing,	52 40
Stationery,	82 39
Blacksmithing,	8 20
Ice,	113 74

For Hay, grain and straw,	26 72	
Advertising,	1 25	
Postage, express, telegrams, &c.,	13 72	
Rent of telephone, and messages,	25 30	
Water rates,	36 61	
Dry goods, bedding, &c.,	273 16	
Hardware and tools,	20 18	
Concrete walk,	251 55	
Hack hire,	25 25	
Rubber goods,	27 04	
Lawn dressing,	2 75	
Land,	1,650 00	
Traveling expenses,	7 30	
Trucking,	4 89	
		<hr/>
Total, as per item No. 4 of Expenses,		\$10,359 27
		<hr/>
Balance unexpended, transferred to Sinking Fund,		\$1,145 71

*City Hospital : Jaques Fund.*

RECEIVED.

For Net income, from Commissioners of Jaques Hospital Fund,	\$5,553 89	
		<hr/>
Total, as per item No. 4 of Receipts,		\$5,553 89

EXPENDED.

For Salary of Dr. C. A. Peabody (in part),	\$200 00
“ “ Matron, “ “	50 00
Services of nurses and domestics,	1,365 37
Groceries and provisions,	1,407 00
Crockery and tin ware,	21 82
Furniture, fixtures and repairs of same,	210 28
Repairs on buildings,	348 68
Surgical instruments and repairs of same,	39 25
Medicines,	160 35
Fuel,	96 90
Gas,	668 38
Printing,	68 58
Advertising,	2 00
Stationery,	11 05



For Blacksmithing,	10 45	
Hay, grain and straw,	51 82	
Hack hire,	25 75	
Harnesses, and repairs of same,	10 25	
Postage, express, telegrams, &c.,	10 23	
Rent of telephone, and messages,	30 95	
Water rates,	36 05	
Dry goods, bedding, &c.,	56 60	
Hardware and tools,	12 78	
Ice,	29 20	
Repairs of carriage,	53 60	
Lawn dressing,	8 50	
Rubber goods,	3 30	
Grading,	564 75	
<hr/>		
Total, as per item No. 5 of Expenses,		\$5,553 89

*City Hospital : Tenney Fund.*

## RECEIVED.

From Commissioners, for net income,	\$250 00	
<hr/>		
Total, as per item No. 5 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. 6 of Expenses,		\$250 00

*Collector's Sales : Surplus Account.*

Balance brought forward,	\$26 94	
<hr/>		
		\$26 94

*Fire Department.*

Appropriation,	\$51,000 00	
Less amount transferred to interest,	1,000 00	
<hr/>		
		\$50,000 00

## RECEIVED.

For Labor of Men and teams,	\$805 87
Manure,	240 92
Use of engine,	22 20
Buttons, and other materials sold,	83 35
Substitutes and fines,	4 00
Amount refunded,	3 79
Use of roof of engine house,	12 00
<hr/>	
Total, as per item No. 6 of Receipts,	\$1,172 13
	<hr/>
	\$51,172 13

## EXPENDED.

For Salary of S. E. Combs, Chief Engineer,	\$1,200 00
Salary of Wm. Brophy, Asst. Engineer,	250 00
Salary of Geo. S. Coleman, Asst. Engineer,	250 00
Salary of E. L. Vaughn, Asst. Engineer,	250 00
Salary of C. H. Mills, Asst. Engineer,	250 00
Salary of Wm. Brophy, Supt. of Fire Alarm,	795 84
Salary of Wm. Brophy, as Clerk,	150 00
Pay rolls of men, stewards and drivers,	12,375 50
“ “ Steamer No. 1,	1,792 50
“ “ “ “ 2,	1,774 00
“ “ “ “ 3,	1,757 00
“ “ Hose Co. “ 1,	1,266 00
“ “ “ “ 2,	1,240 00
“ “ “ “ 4,	1,297 25
“ “ “ “ 5,	1,213 92
“ “ “ “ 6,	1,074 25
“ “ “ “ 7,	1,255 00
“ “ “ “ 8,	1,164 20
“ “ Hook and Ladder Co. No. 1,	2,593 50

Pay roll of men, Hook and Ladder Co.	
No. 2,	1,690 00
Pay roll of men, Babcock Extinguisher,	457 00
"    "    Eagle Hose Co. No. 3,	16 00
For Horses,	870 00
Hose wagon,	375 00
Repairs of apparatus,	212 12
Repairs of houses,	982 16
Alarms for fire,	171 50
Horses for drawing apparatus,	255 00
Materials for and repair of telegraph,	1,307 47
Hose, and repairs of same,	2,315 97
Harnesses, blankets, and repairs of same,	485 13
Hay, grain and straw,	3,540 84
Medicine, and attendance on horses,	38 75
Oil, soap, brushes, &c.	147 42
Fuel,	1,198 85
Gas,	487 30
Sleigh runners,	25 00
Horse cart and wagons,	245 00
Painting wagon,	15 00
Rent of power, &c.,	135 61
Fire alarm indicator and boxes,	671 20
Bell striker,	698 75
Printing,	187 73
Blacksmithing,	442 44
Freight, trucking and express,	28 03
Furniture, bedding, fixtures, and repairs of same,	711 29
Stationery, stamps, &c.,	23 12
Hardware and tools,	343 43
Paints and oil,	161 93
Hack and horse hire,	41 70
Rent of telephone,	2 26
Washing bedding, &c.,	314 81
Waste,	23 65
Iron and steel,	11 41
Clipping horses,	4 00
Traveling expenses,	7 55
Copying report,	15 00
Refreshments for firemen,	2 50
Buttons,	22 50

For Pasturing horse,	8 70	
Expense of parade,	170 00	
		<hr/>
Total, as per item No. 7 of Expenses,		\$50,812 08
		<hr/>
Balance unexpended, transferred to Sinking Fund,		\$360 05

*Fire Patrol.*

Appropriation,	\$1,200 00
----------------	------------

## EXPENDED.

Paid Worcester Protective Department, as per item No. 8 of Expenses,	\$1,200 00
---	------------

*Free Public Library.*

Appropriation,	\$13,000 00	
Amount transferred from Pauper De- partment, Truant School,	401 02	
		<hr/>
		\$13,401 02

## RECEIVED.

For Dog Fund, from County, as per item No. 7 of Receipts,	\$2,609 57	
		<hr/>
		\$16,010 59

## EXPENDED. •

For Salary of S. S. Green, Librarian,	\$2,500 00
“ “ Assistants,	4,399 26
“ “ Janitor,	610 01
Books and stationery,	2,769 65
Binding books,	806 75
Fuel,	329 46
Gas,	902 97
Brooms, dusters, matches, &c.,	14 12
Printing,	2,218 65
Stamps, express, &c.,	262 52
Postal cards for printing,	28 50

For Cleaning building and removing ashes,	30 10	
Insurance,	81 25	
Water rates,	71 92	
Repairs on building,	975 18	
Furniture, and repairs of same,	8 25	
Repairs of Extinguisher,	2 00	
		<hr/>
Total, as per item No. 9 of Expenses,		\$16,010 59

*Highway Department.*

Appropriation (Highways, Sidewalks and Paving),	\$85,000 00	
Less amount transferred to Street Construction,	7,000 00	
		<hr/>
		\$78,000 00

## RECEIVED.

For amount transferred from Sidewalk assessment,	\$9,226 90	
Labor, material, &c., as per item No. 8 of Receipts,	24,472 88	
		<hr/>
		\$33,699 78
		<hr/>
		\$111,699 78

## EXPENDED.

For Salary of Joseph S. Perry, Commissioner, balance,	\$155 83	
Salary of L. B. Stone, Commissioner,	1,544 17	
Labor of men, as per pay rolls,	51,725 05	
Extra labor of men and teams,	15,181 99	
Clerical labor,	391 67	
Engineering,	1,123 65	
Hardware, tools, and repairs of same,	1,031 62	
Blacksmithing,	1,553 10	
Carts, wagons, sleds, and repairs of same,	773 59	
Removing snow,	5 00	



For Repairs of crusher,	414 63
Horses,	530 00
Harnesses, blankets, and repairs of same,	283 98
Hay, grain and straw,	5,200 26
Medicine, and attendance on horses,	18 50
Freight, trucking, express and tele- grams,	55 73
Field stone, for crushing,	2,882 60
Cobble stone, for paving,	179 35
Curb stone and cross walks,	5,774 86
Stone posts,	8 00
Paving blocks,	3,625 28
Gravel,	1,090 56
Brick,	4,086 80
Cement, sand, pipe, &c.,	41 20
Paving,	3,511 85
Lumber and carpenter work,	1,020 58
Oil, lanterns, brooms, &c.,	191 78
Fuel,	192 90
Gas,	57 48
Horse hire,	1 50
Water rates,	25 00
Advertising,	83 44
Printing,	26 20
Blank books, stationery and stamps,	15 71
Supplying water for trough and care of same,	23 00
Repairs at stable,	10 68
Powder and fuse,	45 88
Paints and oil,	23 16
Traveling expenses of engineer and messenger,	9 55
Repairs of wall,	25 00
Swine,	38 00
Lighting and care of lamps, Cam- bridge street,	16 90
Contract for bridge, at Jamesville,	4,427 31
Rent of land, for storage,	12 50
Concrete walk,	94 40
Personal injury, paid Sarah J. Put- nam,	1,868 26
Personal injury, paid Catharine D. Sawtelle,	25 00

For Personal injury, paid Henry A. Fuller,	109 44	
Personal injury, paid Charles F. Whittemore,	75 00	
Legal fees in Putnam case,	21 62	
Personal damage to property, paid L. B. Hapgood,	10 00	
Damage by water, paid Daniel Brennan,	15 00	
Damage by grading, paid Pamela Shepard,	85 00	
Damage to horse and wagon, paid E. Swan,	13 50	
		<hr/>
Total, as per item No. 10 of Expenses,		\$109,753 06
		<hr/>
Balance unexpended, transferred to Sinking Fund,		\$1,946 72

*Incidental Expenses.*

Appropriation,	\$13,500 00	
Less amount transferred to interest,	3,247 61	
		<hr/>
		\$10,252 39

## RECEIVED.

From City Clerk, for office fees,	\$2,059 10
“ “ “ licenses,	2,214 50
“ “ “ dog licenses,	1,545 00
“ “ “ sale of Ordinances,	4 00
Rent of Armories, from Commonwealth,	1,400 00
One-half fees, weighing on City Scales,	494 19
Stationery and stamps,	197 95
Peddlers' licenses,	175 00
Milk licenses, from R. R. Shepard,	122 50
Amount allowed for relief of indigent soldiers and sailors, from Commonwealth, account of 1881,	392 00
Engineering on drains,	214 00
“ “ plans and surveys,	66 00
Costs on Sewer Assessment,	11 20

From Costs on taxes, 1877, .20. 1881, 2.80	}	421 10
“ “ “ 1879, .60. 1882, 284.76		
“ “ “ 1880, 1.20. 1883, 131.54		
Legal fees, fines and costs, from W.		
T. Harlow,		24 25
Witness' fees and costs, from T. S.		
Johnson,		23 86
Damage to Armory Building,		2 00
Costs on school books, 1882,		20
Damage to instruments of engineer,		50
Services of R. Champion, for Water		
Department,		135 41
Total, as per item No. 9 of Receipts,		\$9,502 76
		<hr/> \$19,755 15

## EXPENDED.

For Clerical work, for Auditor,	\$1,059 62
“ “ “ General clerical as-	
sistant,	1,050 00
Clerical work, for City Clerk,	1,190 11
“ “ “ “ Treasurer,	1,417 01
“ “ “ “ On tax bills,	566 47
Clerical work, for City Assessors,	1,138 46
Assistant Assessors,	588 00
Clerk of Committees,	149 97
Paymaster,	175 00
Special Police, for Treasurer,	5 00
Deputy Collector of Taxes,	895 87
Traveling expenses of Deputy Col-	
lector,	2 20
Assistant for Deputy Collector,	43 75
Traveling expenses of Treasurer,	2 20
Money boxes, for Paymaster,	1 75
Coal for Armory,	93 47
Gas “ “	185 61
Janitor “ “	52 08
Repairs for Armory,	90 46
Trucking “ “	4 00
Water “ “	25 00
Services of Inspectors and Ward	
Clerks,	205 50
Rent, Furniture, care and heating	
Ward Rooms,	110 36

For Services of Engineers, on plans, &c.,	1,080	29
Engineers' instruments, and materials for Engineers,	391	38
Advertising,	310	84
Printing,	1,532	91
Postals, for printing,	365	00
Stamps,	326	20
Blank books and stationery,	634	43
Express and telegrams,	7	98
Return of deaths, by Undertakers,	323	75
Collecting births,	187	44
Page to Common Council,	25	00
Care of church clocks,	100	00
Central District Court, legal costs,	75	99
Witness' fees and legal costs,	58	56
Examining records and recording deeds,	10	75
Serving tax Summonses,	339	11
Hand stamps,	23	65
Furnishing Assessors with list of conveyances,	38	80
Hack and horse hire,	43	89
Indigent Soldiers and Sailors,	763	00
E. H. Towne, Registrar of Voters,	125	00
R. Mathews, " " "	100	00
J. P. Houghton, " " "	75	00
Directories and advertising in same,	228	00
Repairing hay scales,	39	40
Coal for " "	8	35
Use of Horticultural Hall,	15	00
Watering around Public Buildings and Squares,	95	00
Memorial Day expenses,	455	94
Fourth of July expenses,	881	28
Band concerts,	300	00
Numbering streets and signs,	140	56
Refreshments for Aldermen,	27	35
Horticultural Hall for Military drilling,	240	00
Rink for Military drilling,	60	00
Land for Hope Cemetery,	867	00
Analysis of Butter,	15	00
Repairing flag staff,	6	50
Rent of ground, for Battery drill,	10	00
Rope for guards,	1	68

## For Paid for sealing weights and meas-

ures,	11 25
Repairs of pump on Common,	23 79
Posting tax notices,	21 00
Ballot boxes,	6 00
Personal injury, paid Michael Houston,	150 00
“ “ “ James O'Neil,	100 00

Total, as per item No. 11 of Ex-  
penses,

\$19,693 96

Balance unexpended, transferred  
to Sinking Fund,

\$61 19

*Interest.*

Appropriation,	\$105,000 00
Transferred from Fire Department,	1,000 00
“ “ Incidental Expenses,	3,247 61

\$109,247 61

Amount of interest transferréd, S. Fund,

1,075 90

\$110,323 51

## RECEIVED.

For Interest on deposits, \$1,816 86

“ allowed on City note, pre-  
paid, 19 44

Interest on Sidewalk Assessments, 42 14

“ “ Sewer Assessments, 226 29

“ Accrued on Certificates of In-  
debtedness, 120 00

Interest on Taxes, 1877, 11 25 }

“ “ “ 1878, 6 50 }

“ “ “ 1879, 2 45 }

“ “ “ 1880, 3 71 }

“ “ “ 1881, 7 31 }

“ “ “ 1882, 610 59 }

“ “ “ 1883, 18 58 }

“ from Commissioners of Sinking  
Funds, on investments, 17,828 27

Total, as per item No. 10 of Re-  
ceipts,

\$20,713 39

\$131,036 90



## EXPENDED.

For Amount of interest transferred,	\$17,828 27	
Interest on Certificates of Indebtedness trans- ferred,	\$1,075 90	
Interest on Temporary Loans,	8,691 73	
Interest on Funded City Loans,	103,441 00	
	<hr/>	
Total, as per item No. 12 of Expenses,	113,208 63	
	<hr/>	\$131,036 90

*Interest on Sewer Loan.*

Appropriation,	\$16,300 00
----------------	-------------

## EXPENDED.

For Interest on Funded City Loan, as per item No. 13 of Expenses,	\$16,300 00
--	-------------

*Interest on Water Loan.*

Receipts for Water Rates, transferred from Water Works, Maintenance Account,	\$20,498 00
--	-------------

## EXPENDED.

For Interest on Funded Water Loan, as per item No. 14 of Expenses,	\$20,498 00
---	-------------

*Lighting Streets.*

Appropriation,	\$42,000 00	
Amount transferred from Board of Health,	739 17	
	<hr/>	\$42,739 17

## RECEIVED.

For Lanterns, globes, posts, &c., as per item No. 11 of Receipts,	82 25
	<hr/>
	\$42,821 42

## EXPENDED.

For Gas, Worcester Gas Light Co.,	\$13,466 29
Gasoline lights, United States Street Light Co.,	1,387 08
Gasoline lights, Globe Gas Light Co.	17,375 22
Lighting and care of lamps,	5,080 06
Lamp posts, frames and castings,	929 60
Lanterns, globes, &c.,	1,205 30
Re-setting lamps and repairs of lan- terns,	710 95
Ladders and repairs of same,	9 00
Matches,	27 00
Alcohol,	199 84
Paints, oil and glass,	324 06
Hack hire,	4 00
Clerical work,	88
Printing,	7 15
Engineering,	8 50
Diamond, &c.,	11 12
Land for gasoline building,	875 00
Contract for gasoline building,	965 87
Advertising,	2 50
Painting gasoline building,	65 00
Grading,	150 05
Eave troughs,	14 95
Repairs,	2 00
	<hr/>
Total, as per item No. 15 of Ex- penses,	\$42,821 42

*Liquor Licenses.*

## RECEIVED.

For Licenses for sale of liquor, as per item No. 12 of Receipts,	\$56,350 00
---	-------------

## EXPENDED.

Paid Commonwealth of Massachusetts one fourth of fees for Liquor Licenses, as per item No. 16 of Expenses,	\$14,087 50
Balance, transferred to Sinking Fund,	\$42,262 50

*Loans, Funded City.*

Amount, November 30, 1882,	\$1,968,400 00
----------------------------	----------------

## RECEIVED.

For Certificate of Indebtedness, viz:— Account of Summer street dam- ages, due April 1, 1893,	\$90,000 00
Total, as per item No. 13 of Re- ceipts,	\$90,000 00
	\$2,058,400 00

## EXPENDED.

For City Bonds, and Certificates of In- debtedness, payable in 1883, cancelled, as per item No. 17 of Expenses,	\$10,000 00
Balance, November 30, 1883,	\$2,048,400 00

*Loans, Funded Sewer.*

Amount, November 30, 1882,	\$325,000 00
----------------------------	--------------

## RECEIVED.

For Certificate of Indebtedness, viz: Ac- count of Sewer Loan, due Jan- uary 1, 1903, as per item No. 14 of Receipts,	65,000 00
	\$390,000 00

***Loans, Funded Water.***

Amount, November 30, 1883,	\$359,300 00
----------------------------	--------------

***Loans, Temporary.*****RECEIVED.**

For Loans authorized by City Council, as per item No. 15 of Receipts, \$650,000 00	
	<hr/>
	\$650,000 00

**EXPENDED.**

For City Notes, cancelled, as per item No. 18 of Expenses,	\$500,000 00
	<hr/>
Balance, November 30, 1883,	\$150,000 00

***Pauper Department: City Relief.***

Appropriation,	\$15,000 00
	<hr/>
	\$15,000 00

**RECEIVED.**

From Commonwealth, for support of State Paupers,	\$788 43
“ Commonwealth, for burial of State Paupers,	410 00
“ County, Cities, Towns and individ- uals, for aid to their poor,	2,262 20
	<hr/>
Total, as per item No. 16 of Receipts,	\$3,460 63
	<hr/>
	\$18,460 63

**EXPENDED.**

For Salary of Geo. W. Gale, clerk,	\$1,200 00
“ “ City Physician,	1,100 00
Transportation of paupers,	342 83
Cash allowances,	272 84
Clerical labor,	431 36

For Fuel,	1,481 00
Groceries and provisions,	2,825 45
Medicines,	314 40
Rent of telephones,	40 00
Burials,	657 00
Boots, shoes and clothing,	45 18
Printing,	107 40
Hand stamps,	18 75
Advertising,	5 25
Hack hire,	3 00
Stationery, postage, &c.,	106 16
Board of girls at State Industrial School,	130 57
Board of boys at State Reform School,	275 26
Care of Insane, by Commonwealth,	179 54
"    "    " Worcester Lunatic Hospital,	7,249 08
Care of Insane, by Asylum for Chronic Insane,	25 28
Care of Paupers, by Commonwealth,	711 76
Aid to aged and sick poor,	222 97
Towns, Cities, and individuals, aid to Paupers,	672 79
	<hr/>
Total, as per item No. 19 of Expenses,	\$18,417 87
	<hr/>
Balance unexpended, transferred to Sinking Fund,	\$42 76

***Pauper Department : Farm.***

Appropriation,	\$13,000 00
Transferred from Pauper Department, House Offal,	1,633 99
	<hr/>
	\$14,633 99

## RECEIVED.

For Board of men and horses, Scavenger Department,	\$3,164 55
Board of teacher and scholars, Truant School,	1,075 34



For Dividend on Insurance Policy,	35 70
Stock sold,	152 29
Sundry materials sold,	129 92
Amount of freight refunded,	1 08

Total, as per item No. 17 of Re-  
ceipts,

\$4,558 88

\$19,192 87

## EXPENDED.

For Salary of B. F. Parkhurst, Supt.,	\$900 00
Salary of Mrs. Parkhurst, matron,	300 00
Extra labor,	2,817 01
Extra labor, cutting ice,	50 00
Groceries and provisions,	5,289 82
Fuel,	1,362 53
Hay, grain and straw,	1,609 78
Boots, shoes and clothing,	351 52
Crockery, tinware, &c.,	137 64
Dry goods, bedding, &c.,	421 50
Hardware and tools,	246 11
Medicines,	138 43
Repair of buildings,	1,808 37
Furniture, fixtures and repairs of same,	76 23
Chaplain,	100 00
Cash allowances to inmates,	38 35
Taxes, in Shrewsbury,	120 48
Postage, express and stationery,	12 77
Live stock,	572 50
Blacksmithing,	132 73
Carryall, wagons and repairs of same,	157 57
Harnesses, blankets and repairs of same,	120 25
Manure,	480 00
Medicine and care of sick horses,	14 75
Periodicals,	3 00
Seeds,	226 84
Disinfectant powder,	56 70
Babcock Extinguisher,	50 00
Insurance,	273 00
Labor on cooking apparatus,	352 44
Hacking and horse hire,	43 50

For Traveling expenses of superintendent,	42 16
Trucking and freight,	30 93
Building ice house,	422 68
Saw dust,	26 39
Manure spreader,	110 00
Repairs of clocks,	9 78
Repairs of heating apparatus,	40 45
Organ,	60 00
Intelligence office, for help,	2 00
Dog license,	3 00
Lime and cement,	45 70
Extra labor of men and team,	5 00
Rubber hose and couplings,	66 25
Pasturing cattle,	15 21
Stone boats,	24 00
Services of Appraisers,	25 50

Total, as per item No. 20 of Ex-  
penses,

\$19,192 87

*Pauper Department : House Offal.*

Appropriation,	\$4,500 00
Less amount transferred to Pauper De- partment, Farm,	1,633 99

\$2,866 01

RECEIVED.

For Manure,	\$480 00
Swine,	258 00
Swill,	59 60
Bones,	66 21
Pork,	5,884 67

Total, as per item No. 18 of Re-  
ceipts,

\$6,748 48

\$9,614 49

EXPENDED.

For Collecting house offal,	\$2,115 90
Board of men and horses,	3,164 55
Fuel,	97 09

For Wagons, sleighs and repairs of same,	256 92	
Horses,	925 00	
Horse hire,	86 00	
Medical attendance on horses,	39 50	
Swine,	11 50	
Harnesses, blankets and repairs of same,	121 35	
Blacksmithing,	293 82	
Hardware and tools,	39 54	
Grain and straw,	564 14	
Repairs of buildings,	38 06	
Carting saw dust,	20 00	
Stationery,	1 10	
Pipe fittings, &c.,	20 75	
		<hr/>
Total, as per item No. 21 of Ex- penses,		\$7,795 22
		<hr/>
Balance unexpended, transferred to Sinking Fund,		\$1,819 27

***Pauper Department : Truant School.***

Appropriation,	\$2,000 00	
Less amount transferred to Free Public Library,	401 02	
		<hr/>
		\$1,598 98

EXPENDED.

For Salary of teacher,	\$300 00	
Board of teacher and boys,	1,075 34	
Boots, shoes and clothing,	108 28	
Horse hire,	5 50	
Dry goods,	12 49	
School furniture,	50 12	
		<hr/>
Total, as per item No. 22 of Ex- penses,		\$1,551 73
		<hr/>
Balance unexpended, transferred to Sinking Fund,		\$47 25

*Police Department.*

Appropriation,	\$70,000 00	
	<hr/>	\$70,000 00

## RECEIVED.

For Officers' fees, from Clerk of Central District Court,	\$9,790 36	
Extra services of officers,	294 31	
Cloth and hats,	729 86	
Use of team,	395 85	
Lodging of prisoners,	42 50	
Officers' services at Springfield,	45 00	
Damage to cell,	10 00	
Use of hall, Lamartine St. Station,	2 00	
	<hr/>	
Total, as per item No. 19 of Receipts,		\$11,309 88
		<hr/>
		\$81,309 88

## EXPENDED.

For Salary of Jas. M. Drennan, City Marshal (balance),	\$155 00
Salary of F. C. Thayer, 1st assistant Marshal (balance),	111 93
Salary of W. A. Washburn, City Marshal,	1,645 00
Salary of Nathan Taylor, 1st assistant Marshal,	1,188 06
Salary of Anos Atkinson, 2nd assistant Marshal,	1,291 67
Salary of J. K. Churchill, Capt. of Police,	1,208 33
Pay rolls of patrolmen,	57,787 00
Salary of J. W. Hadley, Sergeant,	774 99
Salary of C. W. Barker, Sergeant,	758 33
Cloth, buttons, badges, hats, etc.,	723 69
Advertising,	19 50
Printing and postal cards,	34 06
Brooms, lamps, matches, &c.,	108 47
Washing,	25 28

For Blank books, stationery and stamps,	59 67
Hack and horse hire,	49 25
Board of horses,	450 89
Blacksmithing,	39 09
Harnesses and blankets,	23 25
Furniture and repairs of same,	55 47
Rent of telephone and messages,	22 33
Pay roll (extra services, 4th of July),	80 00
Special police,	53 75
Crackers,	179 45
Ice,	36 99
Medical aid,	4 00
Repairs of wagon, sleigh, &c.,	56 75
Photographs of prisoners,	6 00
Insurance,	18 00
Fuel, Lamartine street,	112 71
Legal evidence,	4 00
Traveling expenses of officers,	26 70
Analysis of beer,	5 00
Handcuffs,	25 00
Gas,	91 58
Professional services of Dr. S. B.	
Woodward,	30 00
Express and telegrams,	18 82
Meals and lodging,	4 05
Burying animals,	5 00
Horse medicine,	1 50
Repairs and cleaning building,	14 58
Police Station, at Lake Quinsigamond,	176 00
	<hr/>
Total, for Police Department,	\$67,481 14

## POLICE STATION, LAMARTINE STREET.

Contract, Paid Geo. S.	
Clough,	\$5,089 28
Extra work, paid Geo.	
S. Clough,	1,503 53
Contract, Iron work, paid	
Henry C. Fish,	392 00
Contract, Sewer, paid	
Jas. Draper,	170 00
Contract, paid Peter L.	
Paquette,	1,295 93



For Grading,	282 02
Paints, oil, and painting,	270 61
Mason work,	115 75
Heating apparatus,	843 84
Plumbing,	323 99
Repairs on building,	99 78
Paving,	129 09
Water pipe, labor, &c.,	15 48
Curb stone and sill,	9 00
Papering, &c.,	77 75
Furniture and bedding,	561 90
Whitening,	20 25
Window gratings and labor,	60 75
Magnet bells, and rent of telephone,	36 75
Rubber hose and couplings,	13 60
Speaking tubes, whistle, &c.,	20 23
Cleaning building,	17 88
Mats, &c.,	27 23
Coal,	122 48
Advertising,	7 75

Total, for Lamartine Street Station,	<u>\$11,506 87</u>
--------------------------------------	--------------------

Total, as per item No. 22 of Expenses,	<u>\$78,988 01</u>
--	--------------------

Balance unexpended, transferred to Sinking Fund,	<u>\$2,321 87</u>
--	-------------------

***Premium on City Bonds.***

## RECEIVED.

For Sale of bonds, above par, on account of Funded City Loan, due April 1, 1893, as per item No. 20 of Receipts,	<u>\$2,727 00</u>
--	-------------------

## EXPENDED.

Amount transferred to Commissioners on account of Summer Street Sinking Fund, 1883,	<u>\$2,727 00</u>
---	-------------------

*Public Grounds.*

Appropriation,	\$6,500 00	
	<hr/>	\$6,500 00

## RECEIVED.

For Grass sold,	\$50 00	
Labor of men,	30 60	
	<hr/>	
Total, as per item No. 21 of Re-		\$80 60
ceipts,		<hr/>
		\$6,580 60

## EXPENDED.

For Grading, and other labor,	\$2,287 46	
Labor of men and teams,	158 75	
Plants, trees, and planting,	1,338 15	
Loam, and manure,	675 06	
Seeds,	97 65	
Printing,	51 16	
Freight, trucking and express,	9 15	
Blank books, stationery, and stamps,	30 56	
Hardware and tools,	167 30	
Blacksmithing,	14 25	
Fowls,	26 62	
Grain for fowls,	16 45	
Lumber, and carpenter work,	662 33	
Stone,	348 39	
Building tool house,	525 00	
Plumbing,	18 40	
Engineering,	10 52	
Settees,	95 00	
Flower sticks, &c.,	9 95	
Advertising,	16 06	
Cement,	1 40	
Rubber boots,	9 15	
	<hr/>	
Total, as per item No. 24 of Ex-		\$6,568 76
penses,		<hr/>
Balance unexpended, transferred		
to Sinking Fund,		\$11 84

*Real Estate Sales.*

## RECEIVED.

On account of land sold, as per item No.	
22 of Receipts,	\$361 80
Amount transferred to Sinking Fund,	\$361 80

*Salaries.*

Appropriation,	\$18,500 00
	<hr/>
	\$18,500 00

## EXPENDED.

Paid E. B. Stoddard, Mayor,	\$125 00
S. E. Hildreth, " "	1,375 00
Wm. S. Barton, Treasurer and Col- lector,	2,500 00
Frank P. Goulding, City Solicitor,	2,420 83
Chas. A. Allen, City Engineer,	2,000 00
Enoch H. Towne, City Clerk,	1,800 00
Henry Griffin, " Auditor,	1,200 00
Lyman A. Ely, " Assessor,	1,200 00
Josiah P. Houghton, City Assessor,	1,100 00
Levi Barker, City Assessor (balance),	213 87
Thomas Talbot, City Assessor,	886 12
Charles H. Peck, Supt. of Public Buildings,	1,400 00
Charles Marvin, City Messenger,	900 00
R. R. Shepard, Sealer of weights and measures,	250 00
R. R. Shepard, Inspector of milk,	100 00
S. Hamilton Coe, Clerk of Com- mon Council,	300 00
	<hr/>
Total, as per item No. 25 of Ex- penses,	\$17,770 82
	<hr/>
Balance unexpended, transferred to Sinking Fund,	\$729 18

*School Department.*

Appropriation,	\$184,250 00
" Evening schools,	750 00
	<hr/>
	\$185,000 00

## RECEIVED.

For School books and stationery,	\$140 16
Tuition,	321 00
Rent of Cherry Valley school-house,	12 49
Materials sold,	7 25
Repairs,	55 14
Fines, under public statutes,	80 00

Total, as per item No. 23 of Re-  
ceipts,

\$616 04

\$185,616 04.

## EXPENDED.

For Salary of A. P. Marble, Superin- tendent,	\$3,000 00
Salary of Teachers, as per pay rolls,	142,042 23
“ “ Janitors, “ “	6,725 72
Horse hire,	250 00
Truant officers,	1,800 00
Clerical labor,	1,000 00
Rent of Superintendent's office,	750 00
Rent of school-rooms,	200 00
Fuel,	9,182 03
Gas,	424 14
Advertising,	24 00
Printing,	671 52
School books and stationery,	3,030 58
Materials, and chemical apparatus for High School,	214 20
Stamps, express and telegrams,	100 05
Miscellaneous repairs,	6,267 62
Furniture, fixtures, and repairs of same,	2,155 14
Trucking, and removing ashes,	379 56
Stoves, and stove furniture,	28 42
Repairs of stoves and furnaces,	1,169 64
Cleaning school-houses,	754 00
Cleaning vaults,	130 50
Clocks, and repairs of same,	234 00
Pitch pipes, and tuning pianos,	97 24
Brooms, mats, dusters, &c.,	606 52
Water rates,	576 96

For Rent of telephones,	36 00
Expense in examination of teachers,	7 10
Car fare, for teacher of drawing,	90 70
Removing snow,	169 80
Insurance,	110 00
Disinfectant powder,	50 56
Traveling expenses of Superintendent,	62 85
Horse hire for Truant officers,	15 00
Digging wells, North Pond and Tatnuck,	88 00
Loam, and planting trees,	29 25
Rent of rink, for school exhibition,	75 00
Repairs of boiler, and inspection,	42 42
Chandelier, pipe valves, &c.,	41 23

Total, for School Department, \$182,631 98

## EVENING SCHOOLS.

Salaries of teachers, as	
per pay roll,	\$634 50
Salaries of Janitors, as	
per pay roll,	31 50
Gas,	46 80
Advertising,	17 51
Printing,	3 25

\$733 56

Total, as per item No. 26 of Expenses, \$183,365 54

Balance unexpended, transferred to Sinking Fund, \$2,250 50

*School-Houses.*

Appropriation, \$48,000 00

\$48,000 00

## RECEIVED.

For Loam and gravel,	\$330 20
Brick, from Jos. Murphy,	1,800 00
“ “ A. Palmer,	3,059 20

Total, as per item No. 24 of Receipts, \$5,189 40

\$53,189 40



## EXPENDED.

## FOR MILLBURY STREET SCHOOL-HOUSE :

Land, paid O'Connell & Finneran,	\$8,000 00
Contract, paid Addison Palmer,	19,343 00
Extra labor,	260 23
Plans and specifications,	300 00
Engineering,	48 31
Advertising,	11 75
Grading,	1,268 93
Water pipe and labor,	28 10
Constructing sewer,	325 40
Horse and hack hire,	6 00
Furniture,	1,426 20
Insurance,	6 00
Trucking brick,	1 75
Freight,	55 85
Concrete walk,	17 50
Furnace,	747 00
Brick and freight,	3,046 40
	<hr/>
	\$34,892 42

## FOR WINSLOW STREET SCHOOL-HOUSE :

Contract, paid Jer.	
Murphy,	\$13,900 00
Extra work, paid Jer.	
Murphy,	305 73
Furniture,	1,131 77
Plans and specifications,	300 00
Heating apparatus,	575 00
Engineering,	8 91
Advertising,	7 12
Hack hire,	2 00
Insurance,	16 25
Mason work, extra,	56 58
Brick,	1,800 00
Pipe and fittings,	31 62
Grading,	78 66
	<hr/>
	\$18,213 64

## FOR GRAFTON STREET SCHOOL-HOUSE :

Labor, paid Willard Ward,	\$48 01
Total, as per item No. 27 of Expenses,	<u>\$53,154 07</u>
Balance unexpended, transferred to Sinking Fund,	\$35 33

*Sewer Assessment.*

Balance uncollected, Nov. 30, 1882,	\$12,145 69
Abated since Nov. 30, 1882,	21 20
	<u>\$12,124 49</u>

## RECEIVED.

From Sundry persons, as per item No. 25 of Receipts,	<u>\$8,742 21</u>
Balance uncollected, Nov. 30, 1883,	\$3,382 28

*Sewers : Construction.*

Appropriation,	<u>\$70,000 00</u>
	\$70,000 00

## RECEIVED.

For labor and materials,	\$2,058 86
Materials sold,	172 79
Brick,	427 14
Use of engine and pump,	25 00
Cement,	23 70
Freight,	17 08
Wages not called for,	9 95
Total, as per item No. 26 of Receipts,	<u>\$2,734 52</u>
	\$72,734 52

## EXPENDED.

For Salary of R. H. Chamberlain, Supt., in part,	\$1,199 97
Laborers, as per pay rolls,	33,123 64
Engineering,	1,757 98
Freight, teaming and express,	3,083 42
Brick,	11,025 34
Sand, cement, drain pipe, &c.,	9,221 33
Man-hole and catch-basin covers,	1,163 28
Inlets and border stone,	297 00
Hardware and tools,	727 74
Blacksmithing,	346 01
Lumber and carpenter work,	2,604 02
Use of excavator,	1,650 00
Use of hoisting engine,	263 00
Mason work,	243 72
Coal,	591 95
Stone for concrete,	158 00
Oil, lanterns, &c.,	213 38
Cordage, waste and packing,	97 04
Powder and fuse,	25 16
Hack hire,	35 00
Pipe and fittings,	45 24
Traveling expenses,	21 14
Repairs of engine,	71 48
Paints and oil,	9 95
Hose, pump, &c.,	71 70
Hoisting engine,	2,575 00
Labor of men and teams,	1,000 00
Telegrams,	75
Damage to team,	25 00
Repairs of buggy and harness,	8 75
Boston, Barre & Gardner R. R., labor on Shrewsbury St.,	75 00
Labor on water pipe, Cambridge St.,	6 88
Clerical work,	1 67
Plumbing,	3 64
Paving,	43 17
<hr/>	
Total, as per item No. 28 of Ex- penses,	\$71,786 30
<hr/>	
Balance unexpended, transferred to Sinking Fund,	\$948 22

*Sewers : Construction.*

Order of Oct. 8, 1883 (special),	
Appropriation,	\$180,000 00

## RECEIVED.

For stone, as per item No. 27 of Receipts,	\$5 00	
	<hr/>	\$5 00
		<hr/>
		\$180,005 00

## EXPENDED.

For Laborers, as per pay rolls,	\$3,468 73	
Salary, R. H. Chamberlain, Supt.		
(in part),	133 37	
Brick,	2,329 00	
Use of excavator,	240 00	
Sewer pipe, cement and sand,	314 80	
Lumber,	622 60	
Hardware and tools,	135 49	
Lanterns, globes, &c.,	72 46	
Trucking,	483 80	
Powder and fuse,	148 10	
Coal,	97 00	
Engineering,	32 76	
Repairs of engine,	20 00	
Border stone,	115 25	
Blacksmithing,	153 41	
Express, telegrams, &c.,	2 80	
Hose and couplings,	22 00	
	<hr/>	
Total, as per item No. 29 of Expenses,		\$8,391 57
		<hr/>
Balance unexpended Nov. 30, 1883,		\$171,613 43

*Sewers : Maintenance.*

Appropriation,	\$10,000 00	
Less amount transferred to Street Construction,	1,374 46	
	<hr/>	\$8,625 54

## RECEIVED.

For Flushing sewers,	\$16 50
Amount refunded,	3 75
	<hr/>
Total, as per item No. 28 of Receipts,	\$20 25
	<hr/>
	\$8,645 79

## EXPENDED.

For Salary, R. H. Chamberlain, Supt. (in part),	\$266 66
Laborers, as per pay rolls,	5,074 47
Engineering,	369 00
Trucking, freight, express and telegrams,	407 33
Hardware and tools,	121 06
Rent for storage,	200 00
Oil, globes, lanterns, &c.,	9 73
Pipe, couplings, &c.,	20 15
Cement, pipe and sand,	11 06
Catch-basin and man-hole covers,	194 40
Blacksmithing,	15 69
Hack and horse hire,	4 00
Border stone,	309 40
Stationery and advertising,	12 79
Printing,	42 93
Oil coat,	2 00
Mooney heirs, per order City Council,	100 00
Cleaning catch-basins,	171 00
Paving,	68 57
Expense of committee, on legislative hearing,	143 75
Legal costs,	198 20
Traveling expenses of Engineer,	700 00
	<hr/>
Total, as per item No. 30 of Expenses,	\$8,442 13
	<hr/>
Balance unexpended, transferred to Sinking Fund,	\$203 66



*Sidewalk Assessments.*

Balance uncollected, Nov. 30, 1882,	\$2,559 47	
Amount assessed to Nov. 30, 1883,	9,239 44	
	<hr/>	\$11,798 91

## RECEIVED.

From sundry persons for assessments, as per item No. 29 of Receipts,	\$9,226 90	
	<hr/>	
Balance uncollected Nov. 30, 1883,	\$2,572 01	

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

Balance, November 30, 1882,	\$148,495 28
-----------------------------	--------------

## RECEIVED.

Amount of contributions, and interest on investments, as per report of Commissioners, on account of Fund No. 1,		
Total, as per item No. 31 of Expenses,	73,457 90	
	<hr/>	\$221,953 18

## EXPENDED.

For Bonds and certificates of indebtedness maturing in 1883, cancelled,	\$10,000 00	
Interest accrued on investments, as per report of Commissioners, on account of Fund No. 1,	723 93	
	<hr/>	
Total, as per item No. 30 of Receipts,		\$10,723 93
		<hr/>
Balance, November 30, 1883,		\$211,229 25

*Sinking Funds, Nos. 2 to 14: Special, 1876 to 1883.*

Balances, November 30, 1882, viz.:

No. 2, Water Loan, 1876,	\$13,662 60
No. 3, Lynde Brook Damages, 1877,	56,057 50
No. 4, Lynde Brook Damages, 1878,	28,346 20
No. 5, Lynde Brook Damages, 1879,	16,169 62
No. 6, Island Sewer, 1879,	22,842 34
No. 7, Foster Street, 1879,	41,087 84
No. 8, Island Sewer, 1880,	3,896 69
No. 9, Foster Street, 1880,	7,705 39
No. 10, Island Sewer, 1881,	4,576 55
No. 11, City Hospital Building, 1881,	5,821 69
No. 12, Lynde Brook Damages, 1882,	2,447 35
No. 13, Jaques Forfeiture, 1882,	1,925 70
No. 14, City Hospital Building, 1882,	2,855 40

---

 \$207,394 87

## RECEIVED.

Amount of contributions and interest on  
investments, as per report of  
Commissioners, on account of  
Funds Nos. 2 to 14, inclusive,

Total, as per items Nos. 32 to 44  
of Expenses, \$55,019 45

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

No. 15. Sewer loan, 1883, \$2,550 50

No. 16. Summer Street,  
1883, 10,934 11

Total, as per items Nos.  
45 and 46 of Ex-  
penses,

---

 \$13,484 61

---

 \$68,504 06

---

 \$275,898 93

## EXPENDED.

For Interest accrued on investments, as  
per report of Commissioners, on  
account of Funds Nos. 3, 7 and  
15.

Total, as per items Nos. 31 to 33  
of Receipts,

\$351 97

---

\$275,546 96

Balances November 30, 1883, viz.

No. 2.	Sinking Fund,	\$15,830 42
3.	" "	66,899 01
4.	" "	34,586 76
5.	" "	20,159 80
6.	" "	27,475 15
7.	" "	51,102 27
8.	" "	5,185 79
9.	" "	10,483 57
10.	" "	6,999 18
11.	" "	8,910 13
12.	" "	4,990 31
13.	" "	3,937 55
14.	" "	5,822 74
15.	" "	2,550 50
16.	" "	10,613 78

---

\$275,546 96

*State Aid : Old Account.*

Balance due from the State,

\$7,357 64

*State Aid : New Account.*

Balance due from the State,

\$17,345 50

## EXPENDED.

Paid Soldiers and their families from  
Dec. 1, 1882, to Nov. 30, 1883.

Total, as per item No. 47 of Ex-  
penses,

\$7,600 50

---

\$24,946 00

## RECEIVED.

Amount allowed by State Auditor, as per item No. 34 of Receipts,	\$9,500 00
Balance due from the State,	\$15,446 00

*Street Construction.*

Appropriation,	\$20,000 00	
		\$20,000 00
Amount transferred from High- way Department,	\$7,000 00	
Amount transferred from Water Works, Construction,	8,000 00	
Amount transferred from Sewers, Maintenance,	1,374 46	
		\$16,374 46
		\$36,374 46

## RECEIVED.

For Labor on Cambridge street, as per item No. 35 of Receipts,	\$1,000 00
	\$37,374 46

## EXPENDED.

For Engineering,	\$225 00	
Stone bounds and stakes,	109 03	
Hack hire,	34 00	
		\$368 03

## FOR BEAVER STREET :

Engineering,	\$4 75	
Land, paid Henry Flagg,	200 00	
		\$204 75

## FOR BLACKSTONE STREET :

Engineering,	\$16 31	
Grading, by Highway De-		
partment,	198 40	
Damage, paid Francis		
Flynn,	100 00	
		\$314 71

## FOR CAMBRIDGE STREET :

Engineering,	\$108 01	
Pumping,	12 00	
Carpenter work,	1 50	
Building wall,	100 00	
Stone and cement,	182 93	
Iron fence,	21 37	
Grading, by Highway		
Department,	1,541 30	
Lowering sewer and labor		
on bridge,	2,051 86	
Lowering water pipe,	400 44	
Land and damages, paid		
Patrick Reynolds,	400 00	
Building bridge, paid Prov.		
& Wor. R. R. Co.,	7,416 78	
Damages, paid John Quinn,	400 00	
" " James Kelley,	100 00	
" " Ellen Kelley,	130 00	
Damages, paid Catharine		
Mulcahy,	550 00	
Damages, paid Mary A. and		
John Lyon,	500 00	
		\$13,916 19

## FOR CANTERBURY STREET :

Land damages, paid Nicho-	
las Carroll,	\$14 50

## FOR CHANDLER STREET :

Legal fees,	\$24 30
Land and damages, paid	
Jane Apperson,	500 00



For Land and damages, paid		
Wm. Dunning,	250	00
Land and damages, paid		
Patrick Mullens,	200	00
Land and damages, paid		
A. W. Wilcox,	100	00
Damages, paid West Elm-		
wood Land Co.,	789	91
Damages, paid Trustees of		
Trinity Church,	650	00
Damages, paid Elizabeth P.		
Whitney and others,	550	00
	<hr/>	
		\$3,064 21

## FOR DOWNING STREET :

Grading, by Highway Department,	\$267 10
---------------------------------	----------

## FOR FOSTER STREET :

Removing bodies from		
Mechanic Street Bu-		
rying ground,	\$22	00
Repairs of bridge,	111	97
	<hr/>	
		\$133 97

## FOR JACQUES AVENUE :

Engineering,	\$2	38
Land, paid Wm. Man-		
ning,	108	50
Grading, by Highway		
Department,	645	12
	<hr/>	
		\$756 00

## FOR MILL STREET :

Engineering,	\$67	87
Iron rails,	185	24
Stone work,	136	23
Carpenter work,	40	67
Grading, by Highway		
Department,	9,213	16
	<hr/>	
		\$9,643 17

## FOR NORTH MERRICK STREET :

Land and damages, paid		
J. J. Beaumont,	\$1,752	40
Grading, by Highway		
Department,	614	27
	<hr/>	
		\$2,366 67

## FOR NEW ROAD, QUINSIGAMOND :

Extra labor, paid Estate of M. R.		
Edwards,		\$102 13

## FOR OAK AVENUE :

Damages, paid Owen McGourty,	\$250	00
------------------------------	-------	----

## FOR PARK AVENUE :

Engineering,	\$12	56
Land, paid Martin Kane,	200	00
Grading, by Highway		
Department,	2,009	76
	<hr/>	
		\$2,222 32

## FOR PIEDMONT STREET :

Damages, paid W. M. Johnson,	\$100	00
------------------------------	-------	----

## FOR PORTLAND STREET :

Land, paid J. E. & A. E. Estabrook,	\$3,225	00
-------------------------------------	---------	----

## FOR RIPLEY STREET :

Engineering,	\$4	01
--------------	-----	----

## FOR WALL STREET :

Engineering,	\$7	75
Grading, by Highway		
Department,	188	70
	<hr/>	
		\$196 45

## FOR WARD STREET :

Engineering,	\$9	26
--------------	-----	----

## FOR WOODLAND STREET :

Engineering,	\$2 97
Grading, by Highway	
Department,	213 02
	<hr/>
	\$215 99

Total, as per item No. 48 of Ex-	
penses,	<hr/> \$37,374 46

*Street Construction : Summer Street.*

Balance unexpended Nov. 30,	
1882,	\$7,114 78
Appropriation,	15,000 00
	<hr/>
	\$22,114 78

## EXPENDED.

For Engineering,	\$6 97
Grading, by Highway Department,	1,822 55
Land and damages, paid Chas. A.	
Howland,	600 00
Land and damages, paid S. A.	
Pushee,	800 00
Land and damages, paid John A.	
Meadowcroft,	200 00
Land and damages, paid Aseuath	
Sampson,	50 00
Land and damages, paid James	
Cooney,	110 20
Land and damages, paid T. H. Mur-	
phy,	50 00
Land and damages, paid A. Wheeler	
& Co.,	200 00
Land and damages, paid Mary	
Rogers,	50 00
Land and damages, paid Florence I.	
Lapoint,	275 00
Land and damages, paid Bridget	
Curtis,	100 00
Land and damages, paid Mary Place,	300 00
Land and damages, paid Anna W.	
Hakes,	175 00

For Land and damages, paid Trustees of Mission Chapel,	1,149 23
Land and damages, paid Rosina Bieberbach,	200 00
Land and damages, paid Francis Hovey,	20 00
Land, paid Boston & Albany R. R. Co.,	1,200 00
Repairs on Hospital estate,	731 11
Repairs on estate of Nancy Wheeler,	125 00
Repairs on estate of Hogan & Carroll,	722 85
Repairs on estate of Mrs. Hitchcock,	536 57
Portion of fence, at House of Correction,	160 00
Land, paid F. H. & H. B. Kinnicutt,	245 18
	<hr/>
Total, as per item No. 49 of Expenses,	\$9,829 66
	<hr/>
Balance unexpended, Nov. 30, 1883,	\$12,285 12

*Taxes, 1877 to 1882.*

Balances uncollected, Nov. 30, 1882, viz.:	
Taxes, 1877, balance,	\$4,514 76
" 1878, "	5,167 12
" 1879, "	4,958 76
" 1880, "	6,259 91
" 1881, "	6,816 80
" 1882, "	22,092 98
	<hr/>
	\$49,810 33
Amount assessed for 1883, viz.:	
State Tax,	\$41,940 00
County Tax,	37,504 00
City Tax,	819,777 30
	<hr/>
	\$899,221 30
	<hr/>
	\$949,031 63

## RECEIVED.

From Sundry persons, as per items No. 36 to 41 and 44 of Receipts,	\$891,241 41
--	--------------

Amount uncollected, November 30, 1883, viz.:		
Taxes of 1877,		\$4,476 36
“ “ 1878,		5,148 80
“ “ 1879,		4,942 52
“ “ 1880,		6,229 99
“ “ 1881,		6,648 36
“ “ 1882,		6,307 69
“ “ 1883,		24,036 50
		<hr/>
		\$57,790 22

***Taxes, 1882: Corporation.***

Balance due from the Commonwealth prior to Nov. 30, 1882,	\$609 35
Due from the Commonwealth, Dec. 1, 1882,	62,112 44
	<hr/>
	\$62,721 79

RECEIVED.

From the Commonwealth, as per item No. 42 of Receipts,	\$62,080 16
	<hr/>
	\$641 63

EXPENDED.

Amount refunded, as per item No. 50 of Expenses,	\$17 81
	<hr/>
Balance due from the State,	\$659 44

***Taxes, 1882: County.***

Balance due the County, November 30, 1882,	\$19,013 50
---	-------------

EXPENDED.

Amount paid to County Treasurer, as per item No. 51 of Expenses,	\$19,013 50
---	-------------

*Taxes, 1882 : National Bank, State Account.*

Amount assessed in 1882, \$32,915 84

## RECEIVED.

Amount from State Treasurer, as per  
item No. 43 of Receipts, \$8,171 78  
\$24,744 06

## EXPENDED.

Amount paid to State Treasurer, as per  
item No. 52 of Expenses, \$24,744 06

*Taxes, 1882 : State.*

Amount assessed for State Tax, \$57,020 00

## EXPENDED.

Amount paid State Treasurer, as per item  
No. 53 of Expenses, \$57,020 00

*Taxes, 1883 : County.*

Amount assessed for 1883, \$37,504 00

## EXPENDED.

Amount paid to County Treasurer, as per  
item No. 54 of Expenses, \$18,752 00

Balance due County, November  
30, 1883, \$18,752 00

*Water Works : Construction.*

Appropriation, \$40,000 00  
Less amount transferred to Street Con-  
struction, 8,000 00  
\$32,000 00



## RECEIVED.

From sundry persons, for service pipe, meters, labor, &c., as per item No. 45 of Receipts,	\$20,951 36
	<hr/>
	\$52,951 36

## EXPENDED.

For Salary of F. E. Hall (in part),	\$1,133 32
Labor of men, as per pay rolls,	11,561 61
Clerical labor,	697 49
Meters, couplings, &c., paid Union Water Meter Co.,	11,307 36
Meters, couplings, &c., paid W. E. Desper,	1,051 48
Hydrants, water gates and valves,	3,222 58
Iron pipe and freight on same,	12,602 70
Pipe and fittings,	3,817 28
Castings,	1,372 36
Lead pipe and lead,	332 62
Cement pipe and sand,	45 00
Paving,	147 50
Engineering,	18 41
Plumbing,	70 09
Hardware and tools,	489 23
Freight, trucking, express and telegrams,	283 62
Blacksmithing,	524 83
Blank books, stationery and stamps,	12 64
Cordage and packing,	13 38
Lumber and carpenter work,	470 33
Tubing,	5 30
Fuel,	78 50
Hack and horse hire,	129 95
Powder and fuse,	55 35
Repairs of gas pipe,	6 74
Advertising,	3 75
Printing,	23 00
Lanterns, globes, oil and brooms,	58 75
Traveling expenses,	46 76
Rubber goods and oil clothing,	30 09
	<hr/>
Total, as per item No. 55 of Ex- penses,	\$49,612 02
	<hr/>
Balance unexpended, transferred to Sinking Fund,	\$3,339 34

*Water Works Construction : New Supply.*

Appropriation,	\$250,000 00
	<hr/>
	\$250,000 00

## RECEIVED.

For Board and labor of men at reser- voir,	\$616 56
Blacksmithing at reservoir,	105 73
Transportation tickets at reservoir,	68 30
Brick,	75 00
Manure,	10 00
Wages not called for,	30 14
	<hr/>
Total, as per item No. 46 of Re- ceipts,	\$905 73
	<hr/>
	\$250,905 73

## EXPENDED.

For labor of men, as per pay rolls,	\$30,620 18
Iron pipe and freight,	100,979 64
Water gates,	4,507 77
Lead,	4,420 25
Trucking iron pipe,	1,531 29
Transportation of laborers,	2,012 36
Salary of F. E. Hall, as Commis- sioner (in part),	566 68
Engineering,	289 29
Hack and horse hire,	85 00
Traveling expenses of Committee,	154 15
Freight on lead,	406 47
Trucking, &c.,	272 32
Repairs of bridge,	12 00
Hoisting engine,	375 00
Street roller,	240 00
Refreshments for Committee,	23 45
Screens,	16 96
Packing and cordage,	303 45
Freight, miscellaneous,	24 69
Fence and repairs of fence,	63 15
Telegrams,	72
Labor of men and teams,	375 00

For Consulting engineer,	100 00
Grass seed,	1 00
Wood,	57 00
Powder and fuse,	209 27
Paving,	130 49
Fire clay,	19 92
Sewer pipe, sand and cement,	77 03
Lumber,	29 80
Blacksmithing,	69 44
Trucking and freight,	140 89
Barrels,	9 00
Tools,	237 67
Labor, lowering sewer,	82 45
Iron sleeves,	33 38
<hr/>	
Total for pipe line,	\$148,477 16

## FOR HOLDEN RESERVOIR :

Engineering,	\$1,490 64
Labor of men, as per pay	
rolls,	39,154 80
Engine, pump, &c.,	1,229 67
Freight and trucking,	880 08
Horse hire,	370 00
Cement and sand,	7,345 35
Labor of men and teams,	10,965 24
Advertising,	49 10
Stationery,	10 68
Building house, paid J.	
C. French,	1,214 07
Fuel,	200 97
Hardware and tools,	1,455 25
Powder and fuse,	333 18
Printing,	21 50
Rubber goods,	153 49
Lumber and carpenter work,	972 30
Lanterns, wick, oil, &c.,	38 49
Brushes, brooms, &c.,	1 47
Traveling expenses,	29 85
Telegrams,	2 00
Furniture, stove and repairs,	15 57
Cordage and packing,	65 38
Iron and steel,	161 34

For Stone, paid Webb & Batchelder,	4,720 76	
Clerical work,	17 39	
Board of men,	507 76	
Pipe and fittings,	84 88	
Blacksmithing,	34 41	
Insurance,	19 00	
Repairs of instruments of engineers,	95	
Measuring water, Blackstone valley,	26 00	
Hack hire,	14 50	
Paving,	839 67	
Transportation of men,	958 10	
Brick,	162 00	
Plan for gate house,	5 00	
Stone and window sills,	50 00	
Taxes,	117 75	
Building gate house,	1,097 39	
Stone bounds,	47 00	
Iron ladders,	32 10	
Plumbing,	45 50	
Wire cloth,	156 00	
Recording deed,	60	
<hr/>		
Total for Holden Reservoir,	\$75,097 18	
<hr/>		
Total, as per item No. 56 of Expenses,	\$223,574 34	
<hr/>		
Balance unexpended,	\$27,331 39	

*Water Works : Maintenance.*

## RECEIVED.

For Assessment for water, 1882,	\$11,342 27	
“ “ “ 1883,	89,293 58	
<hr/>		
Total, as per item No. 47 of Receipts,	\$100,635 85	

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

Sewer Loan, 1883,	\$2,500 00
Summer Street, construction, 1883,	8,000 00
	<hr/>
	\$10,500 00

---

\$90,135 85

Less amount transferred to Interest on  
Water Loan,

\$20,498 00

---

\$69,637 85

#### EXPENDED.

For Salary, J. Stewart Brown, Registrar,	\$1,400 01
Labor of men as per pay rolls,	13,081 12
Clerical labor,	528 25
Clerical labor, canvassing,	205 41
Care of reservoir,	200 00
Union Water Meter Co., meters and repairs of same,	1,434 12
Meters of National Meter Co.,	261 68
Engineering,	112 87
Abatement of water rates,	133 24
Hardware, tools and repairs of same,	180 99
Blacksmithing,	189 40
Lumber and carpenter work,	256 62
Rubber goods,	50 84
Oil, lanterns, &c.,	235 93
Fuel,	1,604 45
Gas,	14 45
Printing,	137 56
Express and telegrams,	20 23
Blank books, stationery and stamps,	130 74
Rent of telephone,	92 00
Pipe, sand and cement,	194 30
Mason work,	50 75
Care of sick horse,	1 00
Harnesses and blankets,	41 25
Hay, grain and straw,	494 35

For Paints, oil and painting,	264	71
Traveling expenses,	4	60
Paving,	98	95
Taxes in Leicester,	75	13
Horse and pasturing horse,	256	25
Legal services, paid M. J. McCaf- ferty,	100	00
Hack and horse hire,	312	59
Pumping water in Cambridge St.,	6	00
Labor of men and teams,	467	00
Horse car tickets,	23	11
Advertising,	51	99
Hose, waste and packing,	40	68
Labor on pump and repairs of boiler,	239	08
Wire,	6	30
Smoke stack,	112	65
Inspection of boiler, &c.,	27	75
Pipe and fittings,	155	28
Plumbing,	127	53
Steam valves,	101	95
Painting signs,	19	75
Desk and stand,	32	00
Repairs of street and recording gauges,	21	30
Screws for water gate,	8	00
Repairs of wagon and sleighs,	187	80
Repairs of clock,	1	00
Trucking,	112	47
Roofing,	12	44
Drills, tap, &c.,	22	95
Entertaining N. E. Water Associa- tion,	32	50
Iron pipe,	721	77
Repairs of hydrants,	1	48
Screen pattern,	4	80
Magnet and back board,	19	70
Coal for pumping	5,095	83
Pipe and fittings for pumping,	29	40
Valves and gaskets for pumping,	79	04
Packing and waste for pumping,	15	56
Damages caused by bursting of water pipe,	271	00
Cost of power, paid L. Coes,	1,769	99



For Cost of power, paid A. G. Coes,	1,097 55
<hr/>	
Total, as per item No. 57 of Ex- penses,	\$33,079 44
<hr/>	
Balance unexpended, transferred to Sinking Fund,	\$36,558 41

***Balances Unexpended, transferred to Sinking  
Fund.***

From Abatements and Discount,	\$916 76	
Board of Health,	77 72	
City Hall,	4 07	
City Hospital,	1,145 71	
Fire Department,	360 05	
Highway Department,	1,946 72	
Incidental Expenses,	61 19	
Pauper Department, City Relief,	42 76	
“ “ House offal,	1,819 27	
“ “ Truant School,	47 25	
Police Department,	2,321 87	
Public Grounds,	11 84	
Salaries,	729 18	
School Department,	2,234 06	
“ “ Evening Schools,	16 44	
School-houses,	35 33	
Sewers, Construction,	948 22	
“ Maintenance,	203 66	
Water Works, Construction,	3,339 34	
“ “ Maintenance,	36,558 41	
<hr/>		\$52,819 85
From Real Estate sales,	\$361 80	
Sewer Assessments,	8,742 21	
<hr/>		\$9,104 01
<hr/>		
Total,		\$61,923 86

*City Debt.**November 30, 1883.*

## FUNDED CITY LOAN.

Due April 1, 1891 (interest 4 per cent.),	\$35,000	00
Jan. 1, 1892      "    "    "    "	30,000	00
"    1, 1892      "    "    "    "	23,400	00
April 1, 1892      "    "    "    "	35,000	00
"    1, 1893      "    "    "    "	90,000	00
"    1, 1905      "    "    "    "	500,000	00
	<hr/>	
	\$713,400	00
Due June 1, 1884 (interest 5 per cent.),	\$5,000	00
Jan. 1, 1887      "    "    "    "	100,000	00
"    1, 1888      "    "    "    "	60,000	00
"    1, 1889      "    "    "    "	40,000	00
April 1, 1889      "    "    "    "	100,000	00
"    1, 1890      "    "    "    "	30,000	00
"    1, 1905      "    "    "    "	100,000	00
"    1, 1905      "    "    "    "	100,000	00
	<hr/>	
	\$535,000	00
Due April 1, 1892 (interest 6 per cent.),	\$800,000	00
	<hr/>	
	\$800,000	00
	<hr/>	
Total,	\$2,048,400	00

## FUNDED SEWER LOAN.

Due Jan. 1, 1901 (interest 4 per cent.),	\$55,000	00
"    1, 1903      "    "    "    "	65,000	00
	<hr/>	
	\$120,000	00
Due April 1, 1905 (interest $4\frac{1}{2}$ 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,	\$390,000	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

***Temporary Loan.***

Due April 26, 1884 (interest 4 per cent.),	\$50,000 00	
" 28, 1884	" " " "	50,000 00
" 30, 1884	" " " "	25,000 00
May 3, 1884	" " " "	25,000 00
		<hr/>
Total,		\$150,000 00

***Recapitulation.***

Funded City Loan,	\$2,048,400 00	
" Sewer "	390,000 00	
" Water "	359,300 00	
Temporary "	150,000 00	
		<hr/>
Total,		\$2,947,700 00

***Liabilities.***

Loans, Funded City,	\$2,048,400 00	
" " Sewer,	390,000 00	
" " Water,	359,300 00	
" Temporary,	150,000 00	
		<hr/>
		\$2,947,700 00

One half County Tax,	\$18,752 00
State Tax,	41,940 00
National Bank Tax, State account, 1883,	24,742 07
Collector's sales, Surplus account,	26 94
Real Estate sales, Surplus account,	125 00

---

\$85,586 01

---

\$3,033,286 01

*Cash Assets.*

2622 shares, Boston, Barre & Gardner Railroad 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,	15,446 00
Due from Commonwealth, for Corpo- ration Tax,	72,059 80
Due from Commonwealth, for Nat. Bank Tax, State account,	8,164 72
Due from Commonwealth, for Military Aid, one-half expense,	750 00
Due from Commonwealth, for Foreign Ship account,	204 13
Taxes, 1877, uncollected, \$4,476 36	
“ 1878, “ 5,148 80	
“ 1879, “ 4,942 52	
“ 1880, “ 6,229 99	
“ 1881, “ 6,648 36	
“ 1882, “ 6,307 69	
“ 1883, “ 24,036 50	

---

\$57,790 22

Assessments for School Books, from 1877 to 1883, inclusive,	842 23
Assessments for Sewers and Drains,	3,382 28
“ Sidewalks,	2,572 01
“ Street Betterments,	5,158 96
Due on City Hospital account,	458 56
“ Highway Department account,	1,039 73
“ Incidental Expense account,	43 50
“ Lighting Streets account,	11 25
“ Pauper Department, City Re- lief account,	90 16
Due on School Department account,	23 37
“ Sewers, Construction account,	7 55

Due on Street Construction account,	500 00
“ Water Works, Construction acct.,	4,191 25
“ “ “ Maintenance “	12,199 06
Amount in hands of Commissioners of	
Sinking Funds,	486,776 21
Cash in Treasury,	91,046 54

---

\$1,032,315 17

Liabilities over Cash Assets,

---

\$2,000,970 84

### *Ledger Balances.*

	DR.	CR.
2622 shares Boston, Barre & Gardner Railroad Co., par value,	\$262,200 00	
Collector's sales. Surplus account,		\$26 94
Loans, Funded City,		2,048,400 00
“ Sewer,		390,000 00
“ Water,		359,300 00
“ Temporary,		150,000 00
Real Estate sales,		361 80
Real Estate sales, Surplus account,		125 00
Sewer Assessments,		8,742 21
Sinking Fund, No. 1, 1875, General Debt,	\$211,229 25	
Sinking Fund, No. 2, 1876, Water,	15,830 42	
Sinking Fund, No. 3, 1877, Lynde Brook Damages,	66,899 01	
Sinking Fund, No. 4, 1878, Lynde Brook Damages,	34,586 76	
Sinking Fund, No. 5, 1879, Lynde Brook Damages,	20,159 80	
Sinking Fund, No. 6, 1879, Island Sewer,	27,475 15	
Sinking Fund, No. 7, 1879, Foster St.	51,102 27	
Sinking Fund, No. 8, 1880, Island Sewer,	5,185 79	
Sinking Fund, No. 9, 1880, Foster St.	10,483 57	
Sinking Fund, No. 10, 1881, Island Sewer,	6,999 18	
Sinking Fund, No. 11, 1881, City Hospital Building,	8,910 13	
Sinking Fund, No. 12, 1882, Lynde Brook Damages,	4,990 31	
Sinking Fund, No. 13, 1882, Jaques Forfeiture,	3,937 55	
Sinking Fund, No. 14, 1882, City Hospital Building,	5,822 74	

Sinking Fund, No. 15, 1883, Sewer		
Loan,	2,550 50	
Sinking Fund, No. 16, 1883, Summer		
Street,	10,613 78	
State Aid, old account,	7,357 64	
State Aid, new account,	15,446 00	
Taxes, Corporation,	72,059 80	
" County,		18,752 00
" Nat. Bank, State account,		16,577 35
" State,		41,940 00
" 1877,	4,476 36	
" 1878,	5,148 80	
" 1879,	4,942 52	
" 1880,	6,229 99	
" 1881,	6,648 36	
" 1882,	6,307 69	
" 1883,	24,936 50	
City Treasury,	91,046 54	
City of Worcester,	2,041,548 89	
	<hr/>	<hr/>
	\$3,034,225 30	\$3,034,225 30



# T A B L E

SHOWING THE VALUATION, TAXES, RATE OF TAXATION, PROPERTY EXEMPT FROM TAXATION, AND DEBT OF THE CITY OF WORCESTER FROM A. D. 1850 TO 1883.

YEAR.	Valuation.	Increase.	Decrease.	Municipal Taxes.	Increase.	Decrease.	State Tax.	County Tax.	Total Tax.	Tax Rate per \$1000.	Property exempt from Taxation.	DEBT.
1850.	\$11,028,501 00			\$78,915 02				\$4,730 77	\$83,645 79	\$6 90		\$101,829 89
1851.	11,925,055 00	\$896,554 00		78,315 29		\$599 73		9,450 29	87,765 58	6 75		108,758 40
1852.	12,576,365 00	651,310 00		79,968 39	\$1,653 10			9,450 29	89,418 68	6 50		98,567 70
1853.	14,931,800 00	2,405,435 00		98,964 91	18,996 52		\$5,604 00	9,450 29	114,019 20	7 00		98,435 33
1854.	17,077,800 00	2,096,000 00		138,022 52	39,057 61		5,604 00	11,340 35	154,966 87	8 50		118,955 48
1855.	18,058,950 00	981,150 00		116,889 80		21,032 72	8,406 00	11,340 35	136,636 15	7 00		103,993 65
1856.	18,916,000 00	857,050 00		130,808 36	13,918 56		11,208 00	14,175 44	156,191 80	7 70		100,188 80
1857.	18,473,200 00		\$442,800 00	125,177 08		5,631 28	16,812 00	17,010 52	158,999 60	7 00		99,838 95
1858.	16,386,150 00		2,087,050 00	100,986 05		24,191 03	6,725 00	16,065 50	123,776 55	7 00		99,429 10
1859.	16,816,430 00	430,280 00		108,779 49	2,793 44		5,601 00	17,010 52	126,391 01	7 00		102,324 25
1860.	16,406,900 00		409,530 00	119,067 68	15,288 19		4,667 68	17,010 52	140,745 88	8 00		129,319 40
1861.	16,230,600 00		176,300 00	109,909 82		9,157 86	35,838 00	23,329 48	139,212 30	8 00		208,414 55
1862.	16,131,100 00		99,500 00	149,163 81	39,253 99	2,106 06		21,601 39	206,603 20	12 00		214,759 70
1863.	16,698,750 00	567,650 00		147,057 75			47,784 00	19,441 25	214,283 00	12 00		364,459 70
1864.	16,382,800 00		315,950 00	160,317 96	13,260 21		47,784 00	19,454 44	227,556 40	13 00		424,418 59
1865.	18,937,900 00	2,555,100 00		222,047 51	61,729 55		96,021 00	19,577 79	337,046 30	17 00		458,805 14
1866.	22,599,850 00	3,661,950 00		297,665 44	75,617 93		61,290 00	18,426 16	377,381 60	16 00		619,949 85
1867.	23,936,900 00	1,337,050 00		315,401 59	17,736 15		102,150 00	18,426 16	435,977 75	17 50		773,290 00
1868.	26,220,200 00	2,283,300 00		297,069 05		18,331 64	40,860 00	17,274 52	355,203 57	12 85		1,185,118 65
1869.	31,251,350 00	5,031,150 00		395,845 75	98,775 80		51,075 00	23,032 69	469,953 44	14 40		1,899,808 44
1870.	34,018,450 00	2,767,100 00		534,508 80	36,663 05		51,075 00	27,639 23	613,223 03	17 40		2,456,788 72
1871.	38,141,250 00	4,122,800 00		608,219 52	78,710 72		51,075 00	27,639 23	686,933 75	17 40		2,687,910 55
1872.	42,242,550 00	4,101,300 00		676,574 00	68,354 48		51,020 00	33,536 37	761,130 37	17 40		2,941,227 31
1873.	47,294,834 00	5,052,284 00		749,766 15	73,192 15		57,397 50	41,920 46	849,084 11	17 40		2,984,780 00
1874.	49,185,544 00	1,890,710 00		751,674 58	1,908 43		51,020 00	50,304 56	852,999 14	16 80	\$1,840,100 00	2,589,700 00
1875.	49,299,781 00	114,237 00		751,461 90		212 68	51,020 00	41,920 46	844,402 36	16 60	1,980,400 00	2,492,300 00
1876.	48,219,397 00		1,080,384 00	634,672 93		96,788 97	51,318 00	34,570 15	740,561 08	14 80	2,131,100 00	2,288,861 00
1877.	45,676,655 00		2,542,742 00	522,625 91		31,847 02	42,765 00	55,812 25	720,903 16	15 20	2,042,700 00	2,343,621 41
1878.	41,963,748 00		3,706,907 00	693,896 87		29,129 04	28,510 00	51,855 24	674,062 11	15 40	1,973,500 00	2,355,163 64
1879.	39,585,358 00		2,384,390 00	585,063 34		8,633 53	14,255 00	46,496 85	645,815 19	15 60	2,008,400 00	2,265,914 50
1880.	41,006,862 00	1,421,504 00		660,708 39	75,645 05		42,765 00	41,484 00	744,957 39	17 40	2,046,600 00	2,180,551 12
1881.	42,606,539 00	1,599,677 00		670,601 36	9,892 97		42,765 00	34,570 00	747,936 36	16 80	2,046,600 00	2,207,503 62
1882.	45,504,512 00	2,897,973 00		732,240 02	61,638 66		57,020 00	38,027 00	827,287 02	17 40	2,135,300 00	2,369,877 25
1883.	48,570,735 00	3,066,223 00		793,233 14	60,993 12		41,940 00	37,504 00	872,677 14	17 20		

# SCHEDULE OF CITY PROPERTY.

NOVEMBER 30, 1883.

*In charge of the following Persons and Departments.*

---

## CITY ENGINEER :

Personal Property,	\$1,000 00
--------------------	------------

## COMMISSIONERS OF PUBLIC GROUNDS :

Personal Property,	\$1,000 00
--------------------	------------

## COMMITTEE ON LIGHTING STREETS :

796 Gas Lanterns, 1196 Gasoline Lamps, with Building and Fixtures,	\$28,000 00
---	-------------

## 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	
	<hr/>	\$2,587 50

*Exchange Street.*

500 feet of land, at \$2.00 per foot,	\$1,000 00	
Engine House,	1,800 00	
	<hr/>	\$2,800 00

*Grafton Street (on School-house lot).*

Engine House,		\$4,000 00
---------------	--	------------

*Lamartine Street.*

6,827 feet of land, at 15 cts. per foot,	\$1,024 05	
Engine House,	5,000 00	
	<hr/>	\$6,024 05

*Myrtle Street.*

1,347 feet of land, at 90 cts. per foot,	\$1,212 30	
Engine House,	2,700 00	
	<hr/>	\$3,912 30

*New Worcester.*

Land,	\$500 00	
Engine House,	1,500 00	
	<hr/>	\$2,000 00

*Pleasant Street.*

6,106 feet of land, at 14 cts. per foot,	\$854 84	
Engine House,	8,100 00	
	<hr/>	\$8,954 84

*School Street.*

7,688 feet of land, at 50 cts. per foot,	\$3,844 00	
Engine House,	4,500 00	
	<hr/>	\$8,344 00

*Thomas Street.*

Land,	\$7,000 00	
Engine House,	4,500 00	
	<hr/>	\$11,500 00

*John Street.*

1,836 feet of land, at 50 cts. per foot,	\$918 00
Engine House,	4,000 00
	<hr/>
	\$4,918 00

*Prescott Street. (Leased Land).*

Engine House,	\$10,000 00
	<hr/>
Total Real Estate,	\$92,805 69

*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 :

163,836 feet of land, at 12 cts. per foot,	\$19,660 32
Buildings,	47,000 00
Furniture, Surgical Instruments, &c.,	7,000 00
	<hr/>
	\$73,660 32

## HIGHWAY DEPARTMENT :

50,331 feet of land on Salem Street, at 33 cts. per foot,	\$16,609 25
Stable, Sheds, &c.,	10,450 00
Land (1 acre), Pleasant Street, Tatnuck,	100 00
Land (2½ acres), Quinsigamond Village,	300 00
Gravel Pit, near Paxton,	10 00
Personal Property,	15,847 58
	<hr/>
	\$43,316 83

## PAUPER DEPARTMENT :

Real Estate,	\$70,000 00
Stock and tools at the Farm,	9,150 56
Household Goods,	6,829 02
Stock, &c., in the Scavenger Department,	7,661 80
Telephone,	300 00
	<hr/>
	\$93,941 38

## POLICE DEPARTMENT :

Personal Property under care of City Marshal,		\$2,600 00
Police Station, Lamartine Street House,	\$12,000 00	
17,326 feet of land at 15 cts. per foot,	2,598 90	
	<hr/>	
		\$17,198 90

## SCHOOL DEPARTMENT :

*Adams Square School-house.*

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

*Adriatic School-house, Southgate Street.*

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

*Ash Street School-house.*

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

*Belmont Street School-house.*

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

*Bloomingdale School-house.*

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

*Burncoat Plain School-house.*

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

*Chamberlain School-house.*

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

*Dix Street School-house.*

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

*Edgeworth Street School-house.*

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

*Grafton Street School-house.*

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

*High School-house (New).*

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

*High School-house (Old).*

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

*Lake View School-house.*

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

*Lamartine Street School-house.*

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



*Ledge Street School-house.*

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

*Mason Street School-house.*

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

*Millbury Street School-house.*

52,664 feet of land, at 10 cents,	\$5,266 40	
House,	24,000 00	
	<hr/>	\$29,266 40

*Monroe District School-house. (Now Blithewood).*

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

*New Worcester School-house.*

14,900 feet of 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

*North Pond School-house.*

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

*Oxford Street School-house.*

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

*Providence Street School-house.*

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

*Quinsigamond School-house.*

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

*Salem Street School-house.*

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

*South Worcester School-house.*

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

*Summer Street School-house.*

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

*Sycamore Street School-house.*

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

*Tatnuck School-house.*

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

*Thomas Street School-house.*

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

*Trowbridgeville School-house.*

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

*Union Hill School-house.*

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

*Valley Falls School-house.*

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

*Washington Street School-house.*

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

*Winslow Street School-house.*

25,000 feet of land,	\$5,000 00	
House,	29,000 00	
	<hr/>	\$34,000 00

*Woodland Street School-house.*

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

Total value of Real Estate,	\$890,985 40
Total value of Personal Property,	68,085 40
	<hr/>

\$959,070 80

## SEWER DEPARTMENT :

Personal Property,	\$8,140 05
--------------------	------------

## WATER DEPARTMENT :

Real Estate in Leicester, Holden, Bell Pond, and on Thomas Street, together with the Reservoirs, Pipe, Hydrants, Fixtures and Tools—costing,	\$1,603,988 50
---	----------------

## MISCELLANEOUS :

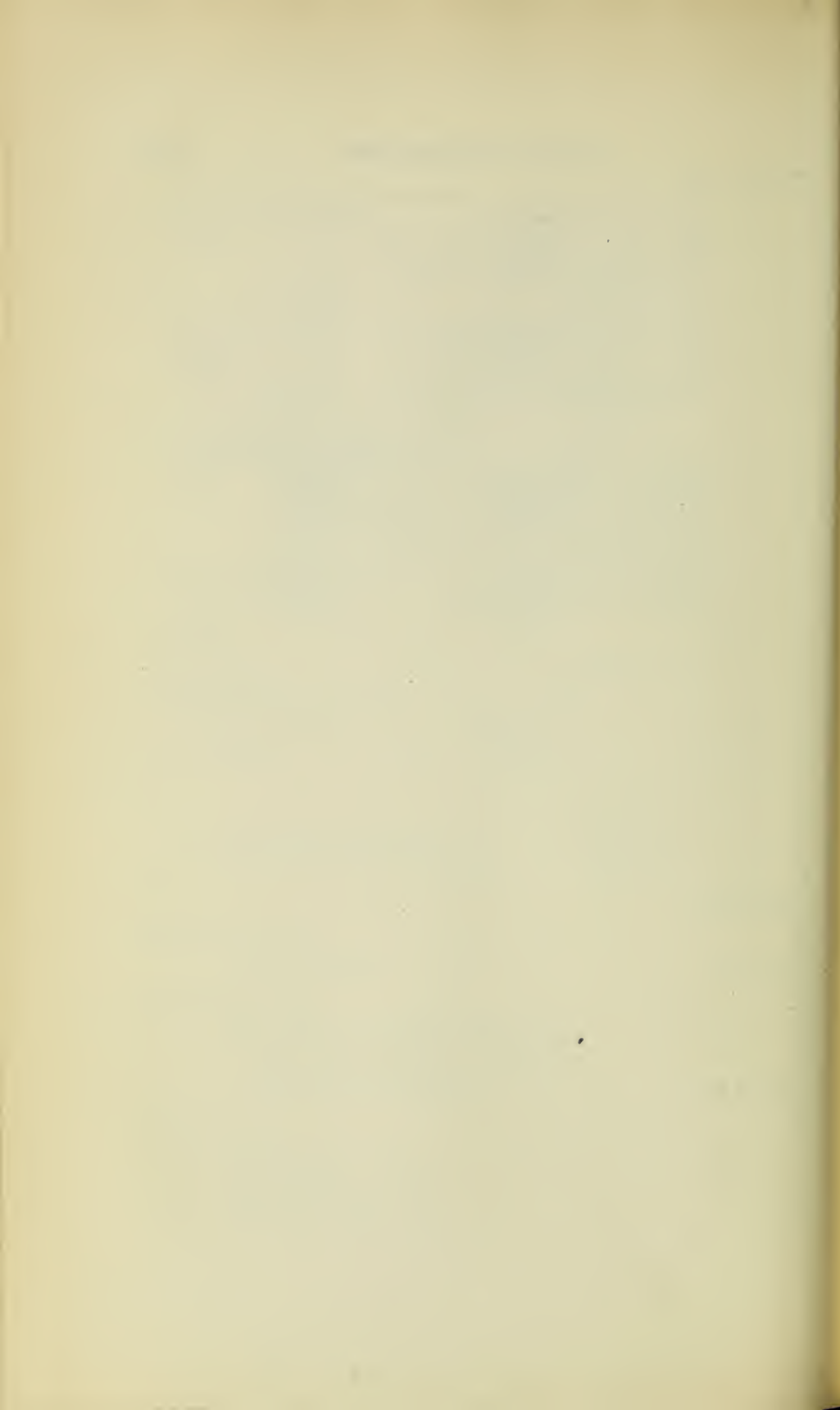
Central Park, 7 Acres.  
Hope Cemetery, 67 acres.  
Elm Park, 28 acres.  
37-124ths of North Pond.

## REPORT OF THE AUDITOR.

97

## SALABLE LAND :

56,622 feet of land, East Worcester Street, at 40 cents per foot,	\$22,648 80	
24,324 feet of land, Grosvenor and Meade Streets, at 14 cents per foot,	3,405 36	
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	
47,000 feet of land, Millbury Street, at 10 cents per foot,	4,700 00	
	<hr/>	\$52,026 16
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/> \$3,195,922 63



# REPORT OF THE COMMISSIONERS OF THE SINKING FUNDS.

WORCESTER, MASS., JANUARY 7, 1884.

*To the Honorable City Council :*

IN compliance with the provisions of the City Ordinance governing this Commission the undersigned beg leave to present the following Report of their Transactions for the financial year ending November 30, 1883 :

Balance, December 1, 1882 . . . . .	\$355,890 15	
Receipts for the year . . . . .	141,961 96	
		-----
Total . . . . .		\$497,852 11
Payments for the year . . . . .		11,075 90
		-----
Balance, November 30, 1883 . . . . .		\$486,776 21

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, in aggregates and in detail, 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,  
HENRY 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, 1883 :

## STATEMENT OF THE SINKING FUNDS.

*December 1, 1882, to November 30, 1883.*

No.	TITLE OF FUND.	Amount Dec. 1, 1882.	Receipts during year.	Total.	Payments during year.	Balances Nov. 30, 1883.
1	General Debt, 1875.	\$148,495 28	\$73,457 90	\$221,953 18	\$10,723 93	\$211,229 25
2	Water Loan, 1876.	13,662 60	2,167 82	15,830 42		15,830 42
3	Lynde Brook, 1877.	56,057 50	10,857 33	66,914 83	15 82	66,899 01
4	" 1878.	28,346 20	6,240 56	34,586 76		34,586 76
5	" 1879.	16,169 62	3,990 18	20,159 80		20,159 80
6	Island Sewer, 1879.	22,842 34	4,632 81	27,475 15		27,475 15
7	Foster street, 1879.	41,087 84	10,030 25	51,118 09	15 82	51,102 27
8	Island Sewer, 1880.	3,896 69	1,289 10	5,185 79		5,185 79
9	Foster Street, 1880.	7,705 39	2,778 18	10,483 57		10,483 57
10	Island Sewer, 1881.	4,576 55	2,422 63	6,999 18		6,999 18
11	City Hosp. B'g, 1881.	5,821 69	3,088 44	8,910 13		8,910 13
12	Lynde Brook, 1882.	2,447 35	2,542 96	4,990 31		4,990 31
13	Jaques Forf're, 1882.	1,925 70	2,011 85	3,937 55		3,937 55
14	City Hosp. B'g, 1882.	2,855 40	2,967 34	5,822 74		5,822 74
15	Sewer Loan, 1883.		2,550 50	2,550 50		2,550 50
16	Summer Street, 1883.		10,934 11	10,934 11	320 33	10,613 78
	Totals,	\$355,890 15	\$141,961 96	\$497,852 11	\$11,075 90	\$486,776 21

## RECEIPTS AND PAYMENTS.

*December 1, 1882, to November 30, 1883.*

No.	City Appropriations.	Interest and Premium.	Total Receipts.	City Debt cancelled.	Interest and Premium.	Total Payments.
1	\$66,306 69	\$7,151 21	\$73,457 90	\$10,000 00	\$723 93	\$10,723 93
2	1,500 00	667 82	2,167 82			
3	8,000 00	2,857 33	10,857 33		15 82	15 82
4	4,800 00	1,440 56	6,240 56			
5	3,200 00	790 18	3,990 18			
6	3,500 00	1,132 81	4,632 81			
7	8,000 00	2,030 25	10,030 25		15 82	15 82
8	1,100 00	189 10	1,289 10			
9	2,400 00	378 18	2,778 18			
10	2,200 00	222 63	2,422 63			
11	2,800 00	288 44	3,088 44			
12	2,400 00	142 96	2,542 96			
13	1,900 00	111 85	2,011 85			
14	2,800 00	167 34	2,967 34			
15	2,500 00	50 50	2,550 50			
16	10,727 00	207 11	10,934 11		320 33	320 33
	\$124,133 69	\$17,828 27	\$141,961 96	\$10,000 00	\$1,075 90	\$11,075 90

## INVESTMENTS AND BALANCES.

November 30, 1883.

On Account of Funded City Debt, viz:				Investments City Bonds.	Cash on Deposit.	Totals.
No.	Funded.	Due.	Amount.			
1	Prior to 1876.	1884 to 1905.	\$1,904,300 00	\$166,900 00	\$44,329 25	\$211,229 25
2	Dec. 1, 1876.	Dec. 1, 1906.	100,000 00	15,000 00	830 42	15,830 52
3	Jan. 1, 1877.	Jan. 1, 1887.	100,000 00	65,000 00	1,899 01	66,899 01
4	Jan. 1, 1878.	Jan. 1, 1888.	60,000 00	33,500 00	1,086 76	34,586 76
5	Jan. 1, 1879.	Jan. 1, 1889.	40,000 00	19,500 00	659 80	20,159 80
6	Jan. 1, 1879.	Jan. 1, 1899.	100,000 00	26,500 00	975 15	27,475 15
7	April 1, 1879.	April 1, 1889.	100,000 00	49,500 00	1,602 27	51,102 27
8	Jan. 1, 1880.	Jan. 1, 1900.	30,000 09	5,000 00	185 79	5,185 79
9	April 1, 1880.	April 1, 1890.	30,000 00	10,000 00	483 57	10,483 57
10	Jan. 1, 1881.	Jan. 1, 1901.	55,000 00	6,500 00	499 18	6,999 18
11	April 1, 1881.	April 1, 1891.	35,000 00	8,500 00	410 13	8,910 13
12	Jan. 1, 1882.	Jan. 1, 1892.	30,000 00	4,500 00	490 31	4,990 31
13	Jan. 1, 1882.	Jan. 1, 1892.	23,400 00	3,500 00	437 55	3,937 55
14	April 1, 1882.	April 1, 1892.	35,000 00	5,500 00	322 74	5,822 74
15	Jan. 1, 1883.	Jan. 1, 1903.	65,000 00	2,500 00	50 50	2,550 50
16	April 1, 1883.	April 1, 1893.	90,000 00	10,000 00	613 78	10,613 78
TOTALS,			\$2,797,700 00	\$431,900 00	\$54,876 21	\$486,776 21

## FUNDED DEBT AND SINKING FUNDS.

November 30, 1883.

DESCRIPTION.	Old Debt, including renewals.	New Debt, created since 1875.	TOTALS.	Sinking Funds.	Net Debt.
City 6's.	\$1,059,300 00		\$1,059,300 00	\$117,499 95	\$941,800 05
City 5's.	205,000 00		205,000 00	22,739 06	182,260 94
City 5's.		\$560,000 00	560,000 00	231,722 77	328,277 23
City 4½'s.	140,000 00		140,000 00	15,529 12	124,470 88
City 4's.	500,000 00		500,000 00	55,461 12	444,538 88
City 4's.		333,400 00	333,400 00	43,824 19	289,575 81
TOTALS.	\$1,904,300 00	\$893,400 00	\$2,797,700 00	\$486,776 21	\$2,310,923 79

## FUNDED LOANS.

December 1, 1882, to November 30, 1883.

DESCRIPTION.	Amount, Dec. 1, 1882.	Paid in 1883.	Balance.	New Loans, in 1883.	Outstanding Nov. 30, 1883.
City Loans,	\$1,968,400	\$10,000	\$1,958,400	\$90,000	\$2,048,400
Sewer Loans,	325,000		325,000	65,000	390,000
Water Loans,	359,300		359,300		359,300
TOTALS,	\$2,652,700	\$10,000	\$2,642,700	\$155,000	\$2,797,700

WM. S. BARTON,

Treasurer.

WORCESTER, MASS., Dec. 21, 1883.



# REPORT OF THE COMMITTEE ON FINANCE.

---

CITY OF WORCESTER,

IN COMMITTEE, Dec. 17, 1883.

*To the Honorable City Council :*

The Joint Standing Committee on Finance, having examined the books and accounts of the City Treasurer, beg leave to report :

That they find that his books are carefully and correctly kept, and that the securities and cash assets 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, 1883, amounted to \$2,091,610 52

That his cash balance, Nov. 30, 1882, was 165,431 17

---

Making a total of	\$2,257,041 69
-------------------	----------------

And that his cash payments amounted to	2,090,371 46
--	--------------

---

Leaving a balance, Nov. 30, 1883, of	\$166,670 23
--------------------------------------	--------------

Which they have verified by actual count of the cash on hand, November 30th, and by an examination of the several bank balances standing to the credit of the City on that date.

They further report that the only city security now in the custody of the treasurer, trust fund securities excepted, is the following :

1 Certificate of 2,622 shares in the stock of the Boston, Barre and Gardner R. R. Co. (par value),	\$262,200 00
--	--------------

They further report that the following taxes, assessments and department bills remained uncollected at the close of business, November 30, 1883 :

City, County and State taxes of 1877,	\$4,476 36
“ “ “ “ “ “ 1878,	5,148 80
“ “ “ “ “ “ 1879,	4,942 52
“ “ “ “ “ “ 1880,	6,229 99
“ “ “ “ “ “ 1881,	6,648 36
“ “ “ “ “ “ 1882,	6,307 69
“ “ “ “ “ “ 1883,	24,036 50
School-book Taxes, 1877 to 1883, inclusive,	842 23
Sewer Assessments; apportioned,	3,382 28
Sidewalk Assessments,	2,572 01
Street Betterment Assessments; contested,	5,158 96
City Hospital bills; board of patients,	458 56
Highway Department bills; labor and materials,	1,039 73
Incidental Expense account; engineering on drains,	43 50
Lighting Streets account; damage to lanterns,	11 25
Pauper Department bills; aid to paupers,	90 16
School Department bills; blackboard slating,	23 37
Sewer Department bills; use of pump, etc.,	7 55
Street Construction account; grading, etc.,	500 00
Water Construction account; service pipe, etc.,	4,191 25
Water Maintenance account; water rates, etc.,	12,199 06
Total,	\$88,310 13

S. E. HILDRETH,  
R. JAMES TATMAN,  
ANDREW ATHY,  
E. O. PARKER,  
G. A. LONGLEY,  
S. C. ANDREWS,  
JOHN TIMON,

*Joint Standing Committee on Finance.*

# REPORT OF THE CITY CLERK.

---

CITY OF WORCESTER,  
CITY CLERK'S OFFICE, *January 1, 1884.*

*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 money received by him as fees or otherwise, during the year ending November 30, 1883, viz :—

From Licensed Amusements,	\$676 50
“ “ Auctioneers,	20 00
“ “ Billiard Tables, &c.,	746 00
“ “ Dogs,	1,545 00
“ “ Hacks and Job Wagons,	241 00
“ “ Intelligence Offices,	64 00
“ “ Junk Dealers,	210 00
“ “ Pawnbrokers,	252 00
“ Sale of Ordinances,	4 00
“ Services of Police at Entertainments,	2 00
“ Licenses for Sale of Fireworks,	5 00
Office Fees,	2,059 10
Total,	<hr/> \$5,824 60

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

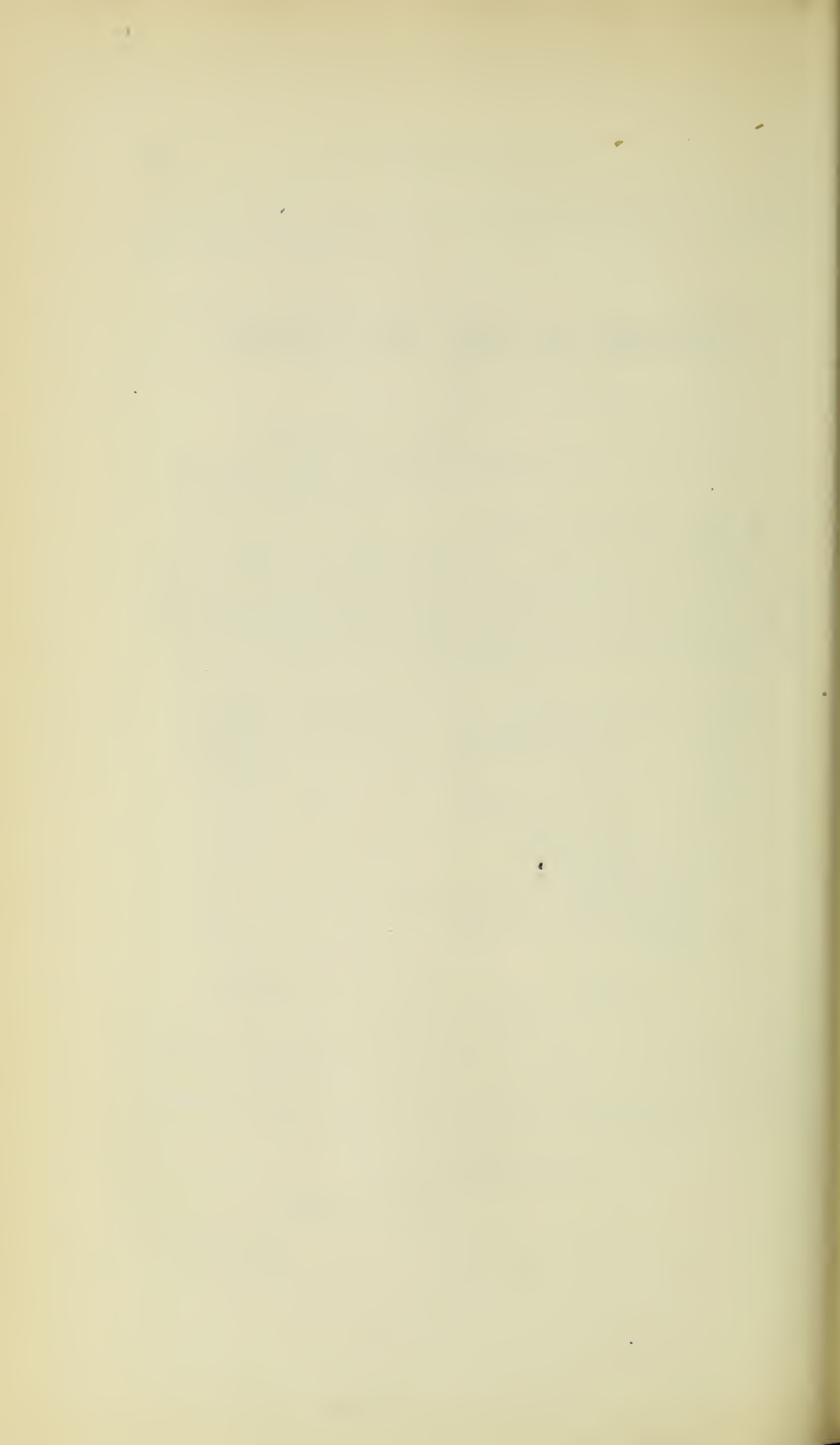
There has been paid to Edward A. Brown, County Treasurer, the sum of \$3,303.00 for dog licenses.

Respectfully submitted.

E. H. TOWNE,

*City Clerk.*





# THE CITY HOSPITAL.

---

## BOARD OF TRUSTEES, 1883.

---

<i>Alderman</i> —	CHARLES G. REED,	}	Terms expire 1884.
<i>Councilmen</i> {	GEORGE E. BATCHELDER,		
	JAMES C. COFFEY,		
<i>At Large</i> —	STEPHEN SALISBURY, Jr.,	Term expires 1884.	
	DR. THOMAS H. GAGE,	“	“ 1885.
	DR. JOSEPH SARGENT,	“	“ 1886.
	ALBERT CURTIS,	“	“ 1887.

## ORGANIZATION.

---

<i>President</i> —	ALBERT CURTIS.
<i>Secretary</i> —	STEPHEN SALISBURY, Jr.
<i>Auditors</i> —	{ CHARLES G. REED.
	{ JAMES C. COFFEY.

---

*Superintendent and Resident Physician.*

DR. CHARLES A. PEABODY.

---

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

BENJAMIN WALKER,	Term expires 1884.
CHARLES B. PRATT,	“ “ 1885.
ALBERT CURTIS,	“ “ 1886.

MEDICAL STAFF, 1883.

*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.

George E. Francis, M. D.

*Physicians.*

John O. Marble, M. D.

Leonard Wheeler, M. D.

J. Bartlett Rich, M. D.

Wm. H. Workman, M. D.

Wesley Davis, M. D.

O. H. Everett, M. D.

*Oculist and Aurist.*

LEWIS S. DIXON, M. D.

*Pathologist.*

S. B. WOODWARD, M. D.

*House Officers.*

A. C. GETCHELL.

H. GOODWIN MACKAYE.

## ORGANIZATION.

*President*—RUFUS WOODWARD, M. D.

*Secretary*—CHARLES A. PEABODY, M. D.

*Committee on Reports* { LEONARD WHEELER, M. D.  
J. O. MARBLE, M. D.  
J. BARTLETT RICH, M. D.

J. O. MARBLE, M. D.

J. BARTLETT RICH, M. D.

*Committee of Conference* { J. MARCUS RICE, M. D.  
E. WARNER, M. D.  
A. WOOD, M. D.

E. WARNER, M. D.

A. WOOD, M. D.

*Superintendent of Nurses.*

MISS L. M. CREEMER.

## REPORT OF TRUSTEES.

---

*To the Hon. Samuel E. Hildreth, Mayor, and the City Council  
of the City of Worcester :—*

In conformity with the requirements of the Ordinance, the Trustees of the City Hospital present their Thirteenth Annual Report for the year ending November 30th, 1883.

The Expenses of the Hospital for the year have been as follows, viz :—

For Salaries and pay roll,	\$4,748 84
“ Groceries and provisions,	3,442 02
“ Furnishings and furniture, and repairs of same,	716 13
“ Repairs on buildings,	942 54
“ Fuel, \$1,138.29; Gas, \$886.81; Ice, \$142.94,	2,168 04
“ Medicines, \$550.72; Surgical instruments and repairs of same, \$59.40,	610 12
“ Druggist's glass ware, \$38.03; Rubber goods, \$30.34,	68 37
“ Dry goods, bedding, &c.,	329 76
“ Stationery,	93 44
“ Printing, \$120.98; Advertising, \$3.25,	124 23
“ Rent of telephone and messages, \$56.25; Post- age, express and telegrams, \$23.95,	80 20
“ Water rates,	72 66
“ Hay, grain and straw,	78 54
“ Blacksmithing, \$18.65; Repairs of carriage, \$53.60,	72 25
“ Hardware and tools,	32 96
“ Harnesses and repairs of same,	10 25
“ Hack hire,	51 00
“ Electric gas lighting apparatus,	32 07
“ Lawn dressing,	11 25
“ Traveling expenses,	7 30
“ Trucking,	4 89
	— — — \$13,696 86

There have been other Expenses not properly belonging to the maintenance of the Hospital. These have been for land whose purchase was recommended in the last Annual Report of the Trustees ;

The City Council having authorized the purchase	
May 7, 1883,	\$1,650 00
And for concrete sidewalk outside of grounds, the same having been laid by City,	251 55
And for clearing up grove and grading the same, and various other out-of-door expenses,	564 75
	<hr/>
These expenses, amounting to	\$2,466 30
Added to expenses before specified,	13,696 86
	<hr/>
Make the whole amount expended during the year,	\$16,163 16

The resources of the Hospital during the year past have been :—

City Appropriation,	\$8,000 00
Income of Jaques Fund,	5,553 89
Income of Tenney Fund,	250 00
State aid to State paupers,	1,637 06
Cash for board of patients,	1,863 92
Refunded on bill paid,	4 00
	<hr/>
	\$17,308 87
This amount is accounted for by expenses as above,	\$16,163 16
And by amount refunded to City,	1,145 71
	<hr/>
	\$17,308 87

It appears then that the necessary expenses of the Hospital during the year past have been \$13,696 86. The Trustees see no reason to expect that the Expenses for the current year will exceed that sum. And the Commissioners of the Funds assure us that we may expect from them during the year six thousand dollars (\$6,000 00). An appropriation of \$8,000 00 would probably meet our wants.

The amounts received from paying patients and for board of State paupers the last year were unusually large ; but we see no reason why they may not be as large in the year current.

And it is very satisfactory financially to see how the increasing income from the Funds under the judicious management of the

Commissioners, in the sale of the real estate of our great benefactor, George Jaques, diminishes the draft upon the City Treasury.

Thus the amount actually expended by the City in sustaining the Hospital in 1881 was,	\$8,121 90
In 1882,	7,123 51
In 1883,	6,854 29

And this notwithstanding that our operations are largely increased under the increased number of patients.

Thus in the year 1883 there were under treatment,	393
In the year 1882,	306
In the year 1881,	264
The patients admitted during the year past were,	371
And there were remaining in the Hospital at the commencement of the year,	22
Making	393
who have been under treatment during the year.	

Of the 393 patients treated during the year—

There were,	Males,	283	
	Females,	110	
		—	393
	Medical,	197	
	Surgical,	196	
		—	393
	Paying,	67	
	Free,	326	
		—	393

Of the 371 admitted during the year—

There were,	Residents of Worcester,	317	
	Of other towns in Massachusetts,	39	
	Of other States,	15	
		—	371
And of these 371 there were Americans of American parentage,		84	
And foreigners or of foreign parentage,		287	
		—	371



There have been discharged during the year, 364.

Of these there were discharged as well,	187
As relieved,	113
As not relieved,	19
Not treated,	6
Eloped,	12
Died,	27

---

364

The death rate was 6.87 per cent. ; which is considerably less than in any former year. And of the 27 who died nearly one-half died within 24 hours of admission ; viz. : 8 within 6 hours, 5 within 2 hours, and 3 within one hour. These deaths were mostly from fatal injury.

The average cost per week of each patient in the Hospital during the past year has been \$9.82.

This is considerably less than the usual average cost which in 1882 was \$11.20, in 1881, \$13.75, and in 1880, \$12.77. The diminished average expense is from the larger number of patients ; almost all of the ordinary expenses being the same for a larger number as for a smaller, up to the convenient capacity of the Hospital.

The open land, opposite to the Hospital front, which was purchased from the appropriation, under authority from the City Government, is a proper complement to a public institution, and may be of great advantage to us in some future enlargement of our operations. And the clearing up of the grove, in its neglected condition, was due to the memory of Mr. Jaques and the good name of the City.

The Trustees respectfully call the attention of the City Council to the suggestions in the Report of our Superintendent, Dr. Peabody, as to the need of accommodations for a larger number of patients by enlargement of the Hospital. We have now 40 beds. The largest number in the Hospital at any one time during the year was 39 and the smallest 15. It would have been a misfortune and a chagrin, if not a shame, for us with 39 on hand to have had put on us at once the nine whom we received after the late great disaster on the Gardner Rail Road, and to have been unable to take care of them. But, happily, such accidents are very rare, and we are usually prepared to meet any that occur. We might, perhaps, for a very little time be subjected to

some inconvenience ; but there is never a time when with a large number in the Hospital there are not some convalescents or some unfit patients, who may not be discharged for those who have greater need. The Trustees, therefore, do not recommend any enlargement at present.

The other and humane suggestion of Dr. Peabody as to some provision for unfortunate lying-in women deserves careful consideration. What Dr. Peabody says on this subject is well said, and is all that needs to be said. The Trustees submit it to the City Government, and make no recommendations at present.

Early in the year, viz. in February, the oldest member of our Active Staff, Dr. Joseph N. Bates, died after a long and suffering illness, which he bore patiently, receiving constant manifestations of sympathy and kindness from his brother physicians and from his many friends. His kind and genial and generous spirit will always be pleasantly remembered by all who knew him. He had served the Hospital on its Active Staff from the earliest, and his services should be gratefully recognized.

Later in the year, viz. in October and November, the two next senior members of the Staff, Dr. Rufus Woodward and Dr. George A. Bates, both of whom also had served from the first, sent in their resignations, which the Trustees were obliged to accept. The Hospital and the public cannot be too grateful to physicians who have given so much of their skill and of their valuable time to gratuitous service in care of the sick.

The Trustees repeat their expression of last year of satisfaction with the administration of the Superintendent, Dr. Charles A. Peabody, and of Mrs. Peabody ; and they commend the fidelity and efficiency of the Physicians and Surgeons who constitute the Active Staff of the Hospital.

The Report of Dr. Peabody, Superintendent, will be laid before the City Council as a part of the Report of the Trustees. It presents in detail all other matters concerning the Hospital which should be brought to the notice of the City Government.

In behalf, and by order of the Trustees,

ALBERT CURTIS,

*President.*

WORCESTER, December 27, 1883.

# REPORT

## OF THE

### SUPERINTENDENT AND RESIDENT PHYSICIAN.

*To the Trustees of the City Hospital :—*

GENTLEMEN :—The following Report of the condition and work of the Hospital for the year 1883, is respectfully submitted.

#### PATIENTS IN THE HOSPITAL, DECEMBER 1, 1882.

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

#### ADMITTED FROM DEC. 1, 1882, TO DEC. 1, 1883.

Males,	267	Females,	104	Total,	371
Medical,	190	Surgical,	181		
Paying,	66	Free,	305		
Accidents,	94	Births,	1		

#### TREATED DURING THE YEAR.

Males,	283	Females,	110	Total,	393
Medical,	197	Surgical,	196		
Paying,	67	Free,	326		

#### DISCHARGED DURING THE YEAR.

Males,	264	Females,	100	Total,	364
Medical,	185	Surgical,	179		
Paying,	58	Free,	306		

#### CONDITION OF THOSE DISCHARGED.

Well,	187	Not Treated,	6
Relieved,	113	Eloped,	12
Not Relieved,	19	Died,	27

## REMAINING NOVEMBER 30, 1883.

Males,	19	Females,	10	Total,	29
Medical,	12	Surgical,	17		
Paying,	9	Free,	20		

Largest number of patients in the Hospital, 39; smallest, 15; Daily average, 26.47;—of males, 17.03;—of females, 9.44. Average time in Hospital, 23.31 days; pay patients, 22.42; free, 23.52.

For pay patients the rate per week has varied from \$2.00 to \$20.00; the average being \$10.14.

Of the free patients, there belonged to the City, 141; to other towns, 28; to the State, 136.

*Cause of Death*:—Pneumonia, 8; accident, 7; Bright's disease, 2; hemorrhage, phthisis, typhoid fever, sunstroke, mania-a-potu, heart disease, cancer, exposure, disease of stomach, 1 each.

*Death Rate*:—6.87. Eight of the deaths occurred within six hours after admission.

## RESIDENCE OF PATIENTS ADMITTED.

Worcester,	317
Other Towns in Massachusetts,	39
Other States,	15
	— 371

## BIRTHPLACE.

	Males.	Females.	Total.
Worcester,	19	9	28
Other Towns,	45	20	65
Other States,	34	12	46
			— 139
Ireland,	114	36	150
Great Britain,	16	6	22
British Provinces,	15	7	22
Other Countries,	24	14	38
			— 232

## OCCUPATION.

MALES.		FEMALES.	
Laborers,	113	Housekeepers,	47
Mechanics,	61	Domestics,	36
Farmers,	16	Cooks,	2
Teamsters,	14	Washerwomen,	2
Mill-hands,	10	Nurses,	2
R. R. employés,	6	Operatives,	5
Bakers,	6	Dressmakers,	2
Clerks,	5	Doctor,	1
Business Men,	4	Minors,	7
Painters,	4		—
Peddlers,	4		104
Butchers,	3		
Barbers,	3		
Showmen,	2		
Student,	1		
Waiter,	1		
Undertaker,	1		
Minors,	13		
	—		
	267		

## CIVIL CONDITION.

MALES.		FEMALES.	
Single,	149	Single,	40
Married,	88	Married,	39
Widowers,	31	Widows,	25

Of the male patients 42 *per cent.* were laborers, and 67 *per cent.* were single or widowers; of the females 31 *per cent.* were domestics, and 62 *per cent.* were single or widows.

## REFUSED ADMISSION.

Males,	23	Females,	7	Total,	30
Medical,	17	Surgical,	9		
		Confinements,	4		

Since the Hospital was opened in 1871, 2,700 patients have been admitted; one fourth of these have been cared for at the New Hospital. It will thus be seen that our work is growing. For the past year it has been larger than ever before; and the call for increased accommodations, and increased facilities for meeting the demands upon us, is becoming more and more urgent.



The isolating ward, provided last year, we have been obliged to use as a general ward, because of the number of our patients ; and we really have no efficient and satisfactory means of isolating those septic cases that occasionally do occur, and which, if not isolated, expose the whole Hospital to great danger,—in the immediate risk to other patients, to officers and attendants, and in the hidden danger that ever lurks in walls, floors and furniture that have been contaminated by the germs of infectious disease. The history of hospitals teaches us, very plainly, that unless we can classify and separate our cases properly, we shall be sowing the seeds of disaster, and preparing to give death instead of healing to the maimed and wounded who seek our aid.

The old story of the refusal of confinement cases has again to be repeated. It cannot be too strongly stated, nor too often reiterated that such cases cannot be put in the same ward, or indeed under the same roof, with other patients, suffering from sickness or injury, without incurring the gravest risks. They need to be cared for as much as any patients who come here ; and it is hard to have to turn away a homeless and destitute woman, when she has nowhere else to go. Some public provision ought, in common decency, to be made for such cases.

One-fourth of the patients admitted during the year were suffering from accidents of greater or less severity. An accident ward, where such cases could be received and have the special attention they need at first, would be a relief to the other wards, a convenience to the Hospital and a great advantage to the patients. Also, a few rooms where noisy or dying patients could be placed would be very useful.

Thus I have indicated some of the more pressing needs of the Hospital. We need more room for special cases. We also need more room in a general way. We have 40 beds ; according to authorities on the subject a city the size of Worcester should have hospital accommodations for 80 patients. This city could possibly get along without any hospital at all, but, having one, it ought to be fully equipped, and prepared for those emergencies that are likely to arise. Of the great value of the Hospital to this community there can be no question. We desire to continue to



do as good work, to reach as good results, and to make as good a record as other hospitals do. To accomplish this, we need to have the facilities; and we need, also, to be relieved from the impending danger of contaminating our wards and thus destroying the safety and impairing the usefulness of the Hospital.

The Training School for Nurses was opened in September with five pupils. The need of better nursing both by day and by night was always a real one, and it was with the hope of improving this service, and of adding to the usefulness and the reputation of the Hospital, that the matter was brought before your Board by the Medical Staff. These hopes are now in a fair way to be speedily realized. Miss Creemer, the Lady Superintendent of the School, came to us well fitted for the work by thorough training and extended experience. The results already reached give us the strongest encouragement for the future. It does not seem probable that we shall ever desire to return to the old system of nursing. The School will not only give the Hospital better service, but will, also, provide the community with excellent nurses, trained under the instruction and practice of leading physicians of our own city. In a little more than a year we hope to have a few nurses ready to answer the calls such as even now come to us.

Several applications from persons who desired to enter the Hospital as paying patients, but who were suffering from chronic complaints, have been refused for the reason that this Hospital is maintained for the relief of those who are temporarily disabled by accident or sickness. Chronic cases are not received, unless from the nature of the particular case, considerable benefit is likely soon to result.

The Hospital was established for the poor more especially, but it never was the design to encourage pauperism or improvidence; patients are therefore encouraged to pay, as they may be able, for the benefits which they here receive. The number of paying patients varies from year to year. This year the proportion has been larger than in some years, and the income from this source has been much larger than in any previous year. The average cost, per week, of patients in the Hospital has been rather less

than ever before, and the actual cost of each patient to the City (after deducting revenue and income from the Funds), has been much less.

During the year we have had many reminders from friends of their kindly interest in the Hospital and its work.

Illustrated papers, pictures, flowers, and even many trifles that are no longer useful at home, may serve to while away a weary hour, or lighten some burden of despondency and care. Entertaining books for the Patients' Library are needed and would be valuable additions to our small collection.

Those associated with me in the management, and the employes for the most part, have rendered valuable service which should not go unnoticed.

My thanks are due to the Medical Staff for valuable suggestions, and friendly assistance; and to your Board I am under renewed obligations for many kind indications of your confidence.

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

All of which is respectfully submitted,

CHAS. A. PEABODY,

*Superintendent and Resident Physician.*

WORCESTER, December, 1883.

*Cases treated and their Results, from December 1, 1882,  
to December 1, 1883.*

MEDICAL.

DISEASES.	In Hosp. Dec. 1, 1882.	ADMITTED.			DISCHARGED.								In Hosp. Dec. 1, 1883.
		Males.	Females.	Total.	Well.	Much relieved.	Relieved.	Not relieved.	Not treated.	Eloped.	Died.	Total.	
Albuminuria . . . . .	..	8	1	9	..	1	2	..	1	2	3	9	..
Alcoholism . . . . .	..	9	2	11	6	3	..	..	..	2	..	11	..
Amenorrhœa . . . . .	..	..	1	1	..	..	1	..	..	..	..	1	..
Anæmia . . . . .	..	..	1	1	..	..	1	..	..	..	..	1	..
Bronchitis . . . . .	..	10	4	14	5	5	3	..	..	..	1	14	..
Cephalalgia . . . . .	..	1	..	1	..	1	..	..	..	..	..	1	..
Colic . . . . .	..	1	..	1	1	..	..	..	..	..	..	1	..
Constipation . . . . .	..	2	..	2	2	..	..	..	..	..	..	2	..
Croup . . . . .	..	1	..	1	..	1	..	..	..	..	..	1	..
Debility . . . . .	1	3	6	10	3	1	3	1	1	1	..	10	..
Diarrhœa . . . . .	..	3	1	4	4	..	..	..	..	..	..	4	..
Dyspepsia . . . . .	..	2	1	3	2	1	..	..	..	..	..	3	..
Eczema . . . . .	..	2	1	3	1	2	..	..	..	..	..	3	..
Endometritis . . . . .	..	..	3	3	..	2	1	..	..	..	..	3	..
Enteritis . . . . .	..	1	..	1	..	1	..	..	..	..	..	1	..
Epilepsy (Single Fit) . . . . .	..	2	..	2	2	..	..	..	..	..	..	2	..
Erysipelas . . . . .	..	2	..	2	1	..	..	..	..	1	..	2	..
Febricula . . . . .	..	..	1	1	..	..	..	..	..	..	..	..	1
Fever (Intermittent) . . . . .	..	3	..	3	3	..	..	..	..	..	..	3	..
Fever (Typhoid) . . . . .	3	31	11	45	34	1	1	..	..	..	1	37	8
Furuncula . . . . .	..	1	..	1	1	..	..	..	..	..	..	1	..
Heart Disease (Valvular) . . . . .	..	2	..	2	..	1	..	..	..	..	1	2	..
Hemoptysis . . . . .	1	2	..	3	..	1	1	..	..	..	1	3	..
Insanity . . . . .	..	..	2	2	..	..	2	..	..	..	..	2	..
Insolation . . . . .	..	2	..	2	1	..	..	..	..	..	1	2	..
Locomotor Ataxy . . . . .	..	1	..	1	..	1	..	..	..	..	..	1	..
Mania-a-potu . . . . .	..	1	..	1	..	..	..	..	..	..	1	1	..
Malingering . . . . .	..	1	..	1	1	..	..	..	..	..	..	1	..
Neuralgia . . . . .	..	4	1	5	4	1	..	..	..	..	..	5	..
Opium Eating . . . . .	..	1	1	2	..	1	1	..	..	..	..	2	..
Paralysis . . . . .	..	1	..	1	..	..	..	..	..	..	..	..	1
Peritonitis . . . . .	..	..	2	2	..	2	..	..	..	..	..	2	..
Phthisis . . . . .	..	6	1	7	..	2	3	..	..	1	..	6	1
Phthisis, Acute . . . . .	..	1	..	1	..	..	..	..	..	1	..	1	..
Pleuritis . . . . .	..	4	2	6	4	2	..	..	..	..	..	6	..
Pneumonia . . . . .	1	10	2	13	4	1	..	..	..	7	12	1	..
Rheumatism . . . . .	1	14	10	25	19	2	3	1	..	..	25	..	..
Tonsillitis . . . . .	..	1	1	2	2	..	..	..	..	..	..	2	..
Typhlitis . . . . .	..	1	..	1	1	..	..	..	..	..	..	1	..
Vomiting . . . . .	..	..	1	1	..	..	..	..	..	1	1	..	..
Total Medical Cases.	7	134	56	197	101	26	24	7	2	8	17	185	12

## SURGICAL.

DISEASES.	In Hosp. Dec. 1, 1882.	ADMITTED.			DISCHARGED.							In Hosp. Dec. 1, 1883.	
		Males.	Females.	Total.	Well.	Much relieved.	Relieved.	Not relieved.	Not treated.	Eloped.	Died.		Total.
Abscess . . . . .	.	9	3	12	4	2	2	1	.	.	.	9	3
Bursitis . . . . .	.	1	.	1	1	.	.	.	.	.	.	1	.
Cellulitis . . . . .	.	1	.	1	.	.	.	.	.	1	.	1	.
Cancer of Jaw . . . . .	1	1	.	2	.	.	.	2	.	.	.	2	.
Cancer of Leg . . . . .	.	.	1	1	1	.	.	.	.	.	.	1	.
Cancer of Breast . . . . .	.	.	5	5	1	.	1	.	2	.	1	5	.
Cancer of Uterus . . . . .	.	.	4	4	.	3	.	1	.	.	.	.	.
Congestion of Eyeball . . . . .	.	.	1	1	1	.	.	.	.	.	.	1	.
Conjunctivitis . . . . .	.	1	.	1	1	.	.	.	.	.	.	1	.
Coxalgia . . . . .	.	1	.	1	.	.	.	1	.	.	.	1	.
Cystitis . . . . .	.	1	1	2	1	1	.	.	.	.	.	2	.
Epithelioma . . . . .	.	3	.	3	1	2	.	.	.	.	.	3	.
Felon . . . . .	.	1	.	1	1	.	.	.	.	.	.	1	.
Fistula in Ano . . . . .	.	1	.	1	1	.	.	.	.	.	.	1	.
Fistula of Urethra . . . . .	.	1	.	1	.	1	.	.	.	.	.	1	.
Fissure of Anus . . . . .	.	.	1	1	.	1	.	.	.	.	.	1	.
Hernia . . . . .	.	1	.	1	1	.	.	.	.	.	.	1	.
Hernia, Strangulated . . . . .	.	1	.	1	.	.	.	.	.	1	.	1	.
Hydrocele . . . . .	.	1	.	1	1	.	.	.	.	.	.	1	.
Hypospadias . . . . .	.	1	.	1	.	.	1	.	.	.	.	1	.
Necrosis . . . . .	1	5	.	6	2	3	.	1	.	.	.	6	.
Ophthalmia . . . . .	.	1	2	3	2	.	.	.	.	.	.	2	1
Orchitis . . . . .	.	2	.	2	1	.	1	.	.	.	.	2	.
Paraphimosis . . . . .	.	1	.	1	1	.	.	.	.	.	.	1	.
Phimosis . . . . .	.	2	.	2	.	.	2	.	.	.	.	2	.
Poisoned Wound . . . . .	1	.	.	1	1	.	.	.	.	.	.	1	.
Retention of Urine . . . . .	.	2	.	2	1	.	1	.	.	.	.	2	.
Stricture of Urethra . . . . .	.	4	.	4	2	2	.	.	.	.	.	.	.
Supernumerary Digit . . . . .	.	.	1	1	1	.	.	.	.	.	.	1	.
Synovitis . . . . .	.	1	.	1	1	.	.	.	.	.	.	1	.
Syphilodermata . . . . .	.	1	.	1	.	1	.	.	.	.	.	1	.
Talipes . . . . .	.	.	1	1	.	1	.	.	.	.	.	1	.
Tumor, Abdominal . . . . .	.	.	2	2	.	.	.	1	1	.	.	2	.
Tumor, Fatty . . . . .	.	.	1	1	.	1	.	.	.	.	.	1	.
Tumor, Keloid . . . . .	.	.	1	1	.	1	.	.	.	.	.	1	.
Tumor, Ovarian . . . . .	.	.	2	2	.	1	.	1	.	.	.	2	.
Ulcer . . . . .	2	11	7	20	13	2	1	.	1	.	.	17	3
INJURIES.													
Bruise . . . . .	.	9	3	12	6	1	1	1	.	.	.	9	3
Burn . . . . .	2	1	.	3	2	1	.	.	.	.	.	3	.
Dislocation, Wrist . . . . .	.	.	1	1	1	.	.	.	.	.	.	1	.
Dislocation, Shoulder . . . . .	.	1	.	1	1	.	.	.	.	.	.	1	.

SURGICAL.—*Continued.*

INJURIES.	In Hosp. Dec. 1, 1882.	ADMITTED.			DISCHARGED.							In Hosp. Dec. 1, 1883.	
		Males.	Females.	Total.	Well.	Much relieved.	Relieved.	Not relieved.	Not treated.	Eloped.	Died.		Total.
Fracture, Skull . . . . .	.	3	.	3	1	.	.	.	.	.	2	3	.
Fracture, Jaw . . . . .	.	1	.	1	1	.	.	.	.	.	.	1	.
Fracture, Clavicle . . . . .	.	2	.	2	1	.	.	.	.	.	.	1	1
Fracture, Humerus . . . . .	1	.	1	2	.	2	.	.	.	.	.	2	.
Fracture, Radius and Ulna . . . . .	.	2	.	2	.	1	1	.	.	.	.	2	.
Frac., Radius and Ulna ununited, . . . . .	1	.	.	1	.	.	.	1	.	.	.	1	.
Fracture, Ribs . . . . .	.	1	.	1	.	1	.	.	.	.	.	1	.
Fracture, Vertebrae . . . . .	.	.	1	1	.	.	.	.	.	.	.	.	1
Fracture, Femur . . . . .	.	3	.	3	3	.	.	.	.	.	.	3	.
Fracture, Femur, Ununited of . . . . .	1	.	.	1	.	.	.	.	.	.	.	.	1
Fracture, Femur, Neck of . . . . .	.	.	1	1	1	.	.	.	.	.	.	1	.
Fracture, Fibula . . . . .	1	.	.	1	1	.	.	.	.	.	.	1	.
Fracture, Tibia and Fibula . . . . .	1	4	.	5	3	2	.	.	.	.	.	5	.
Fracture, Phalanges. Comp. of . . . . .	1	4	.	5	1	4	.	.	.	.	.	5	.
Frost bite . . . . .	.	1	.	1	.	1	.	.	.	.	.	1	.
Gun-shot wound . . . . .	.	3	.	3	.	3	.	.	.	.	.	3	.
Injury to Head . . . . .	.	3	.	3	2	.	.	.	.	1	.	3	.
Injury Traumatic of Eye . . . . .	.	2	.	2	1	.	.	.	.	1	.	2	.
Injury to Chest . . . . .	.	1	.	1	1	.	.	.	.	.	.	1	.
Injury to Back . . . . .	.	.	1	1	.	1	.	.	.	.	.	1	.
Injury to Shoulder . . . . .	.	1	.	1	.	.	1	.	.	.	.	1	.
Injury to Arm . . . . .	.	1	1	2	1	.	1	.	.	.	.	2	.
Injury to Elbow . . . . .	.	1	.	1	.	.	.	.	.	1	.	1	.
Injury to Hand . . . . .	.	3	.	3	1	1	1	.	.	.	.	3	.
Injury to Hip . . . . .	.	2	1	3	2	1	.	.	.	.	.	3	.
Injury to Knee . . . . .	1	4	1	6	5	.	1	.	.	.	.	6	.
Injury to Leg . . . . .	.	1	.	1	1	.	.	.	.	.	.	1	.
Injury to Foot . . . . .	1	3	.	4	3	1	.	.	.	.	.	4	.
Multiple Injuries . . . . .	.	10	1	11	.	4	.	1	.	.	5	10	1
Wound of Scalp . . . . .	.	8	3	11	6	2	.	.	.	.	.	8	3
Wound, Lacerated . . . . .	.	1	.	1	.	.	1	.	.	.	.	1	.
Wound, Punctured . . . . .	.	2	.	2	.	1	.	.	.	.	1	2	.
Total Surgical Cases . . . . .	15	133	48	196	85	49	15	11	5	4	10	179	17



## DONATIONS.

*December, 1882.* Mrs. W. Armington, pieces ; A class at Thomas St. School, pieces and papers ; Mrs. F. W. Blacker, pieces ; Miss Kate A. Taft, periodicals ; Susannah E. Thayer, pieces ; S. S. Class of little girls, a book ; Miss Martha Valentine, Christmas cards ; Mrs. W. W. Rice, shirts.

*January.* Carl Johnson, Swedish books ; Mrs. Alfred Parker, pieces ; Mrs. Parker, pieces ; Miss Moore, pieces ; Knickerbocker Club of girls, a bed quilt made by themselves.

*February.* Mrs. C. B. Damon, pieces ; J. C. Bean, six shirts ; Mrs. B. C. Moore, pieces ; Mr. Salisbury, pieces ; Mrs. Wood, shirts ; Ladies of Church of Unity, infants' clothing ; Mrs. Adin Thayer, pieces and books.

*April.* Mrs. N. Harkness, papers ; Mrs. Stephen Foster, pieces ; Mrs. Hiram Fobes, pieces and shirts ; S. B. Thorndike, linen ; Mrs. C. M. Lamson, pieces ; Estate of Charlotte Thayer, pieces and magazines ; Mrs. D. Merrill, magazines.

*May.* Mrs. Nash, magazine ; M. Hawkes, papers ; E. A. Willard, pieces ; Mrs. H. P. Evans, pieces ; Mrs. Wm. Dickinson, pieces ; Mrs. Grover, pieces ; Mrs. Otis Warren, periodicals ; Mrs. Swan, magazines and pieces ; Mrs. Buzzell, shirts and pieces ; Mrs. G. W. Mathews, pieces.

*June.* Mrs. H. D. Green, pieces ; Mrs. L. Coes, pieces ; Mrs. C. B. Pratt, pieces ; Mrs. Osgood Bradley, pieces ; F. M. Clark, pieces ; Mrs. Lovell, pieces ; Dr. J. Marcus Rice, papers ; Mrs. T. W. Hammond, shirts and pieces.

*July.* Miss Rebecca Jones, periodicals and pieces ; Dr. L. H. Hammond, papers ; Mrs. C. B. Pratt, papers ; Rev. Geo. S. Paine, shirts ; Mrs. H. S. Dewey, periodicals and pieces.

*August.* Mrs. H. G. Chase, pieces ; Mrs. S. A. Budding, pieces ; I. N. Smith, papers ; Mrs. Eames, pieces ; Arthur Comins, papers ; Mrs. Moen, flowers ; Mrs. Geo. Estabrook, magazines : Miss M. Valentine, magazines, slippers and pieces ; Rev. D. Scannell, magazines.

*September.* Mrs. F. O. Eastman, books and pieces ; Mrs. C. E. Brooks, flowers ; Mrs. Whitcomb, pieces ; Mrs. E. L. Davis,



pieces ; Miss Bigelow, pieces ; Mrs. Jason Wood, reading matter ; Mrs. Brooks, flowers.

*October.* Mrs. Brooks, flowers ; Knickerbocker Club, peaches.

*November.* Mrs. Ball, pieces ; Mrs. Colton, magazines ; Mrs. H. P. Draper, papers and pieces ; Mrs. Gill, pieces.

Publishers of the *Daily Spy*, a copy of the *Spy* for the year ; publishers of the *Evening Gazette*, a copy of the *Gazette* for the year.

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.

#### ADMISSION OF PATIENTS, ETC.

Applications for admission of patients should be made to the Superintendent at the Hospital, on each day of the week, Sunday excepted, between 9 and 11 o'clock A. M.

Whenever able the patient should apply in person. When not able to appear in person, application may be made by a friend.

Persons carried directly to the Hospital from the place of an accident are admitted immediately and at all hours.

No person having any contagious disease can be admitted, and no person can be admitted whose case is judged to be incurable, unless temporarily for urgent symptoms which are deemed capable of being relieved.

The ordinary charge per week for accommodation in the wards is \$10—which includes medical and surgical attendance, together with medicine, nursing and washing. Persons who are unable to pay, and whose place of legal settlement is Worcester, are admitted as free patients ; all other free patients are charged to the State or to the Towns where they belong. Patients in private rooms are charged \$14.00 or more per week according to the requirements of the case.

No person shall visit any part of the premises except on business or at such times as may be fixed for the reception of

visitors without the permission of the Superintendent or some one of the Trustees.

On Monday, Tuesday, Thursday and Saturday of each week, from 3 to 4 o'clock P. M., friends may be permitted to visit patients, though no patient shall receive more than two visitors on the same day. In all cases, however, the Trustees or Superintendent may exercise discretionary power as to excluding or admitting visitors.

No visitor shall be allowed to give any article of food or drink to a patient, unless by permission of the nurse; and any article sent to a patient shall be left with the Superintendent.

### TRAINING SCHOOL FOR NURSES.

The Trustees have made arrangements for giving, at the Hospital, two years' training to women desirous of becoming professional nurses.

Persons wishing to receive this course of instruction must apply to the Superintendent of the Hospital.

Candidates must be over twenty-two and under thirty-five years of age. They must be of sound health, and must present, on application, a certificate from some responsible person as to their good character.

After approval, applicants are received for one month on probation. During this month they are boarded and lodged at the Hospital, but receive no compensation.

They are subject to the rules of the Hospital, and are under the authority of the Superintendent of the Hospital and Lady Superintendent of Nurses, who have full power to decide as to the fitness of the nurses for the work, and the propriety of retaining or dismissing them at the end of the month of trial. The same authority can discharge them at any time in case of misconduct or inefficiency.

They reside in the Hospital and serve for the first year as assistants in the wards of the Hospital; the second year they will be expected to perform any duty assigned them by the Lady

Superintendent, or to be sent to private cases among the rich or poor.

### TRAINING.

Those fulfilling the conditions of the probationary month are accepted as pupils. They must sign a written agreement to remain at the school for two years, and to conform to the rules of the Hospital.

The instruction includes:—

1. The dressing of blisters, burns, sores and wounds; the preparation and application of fomentations and poultices, of cups and leeches, and of minor dressing.
2. Administration of enemias, and use of catheter.
3. The best method of rubbing and exercising the sick.
4. Management of helpless patients; changing their clothing, giving baths in bed, preventing bed-sores, and managing position.
5. Bandaging, making bandages and rollers, and lining splints.
6. Making beds and changing sheets while the patient is in bed, the care of patients' rooms; ventilation.
7. Certain emergencies and how to treat them.

The pupils are taught to prepare food, together with drinks and stimulants for the sick, and all that pertains to night, in distinction from day, nursing.

They are taught to make accurate observations of the state of the secretions, expectoration, pulse, skin, appetite, temperature of the body, intelligence (as delirium or stupor), sleep, condition of wounds, eruptions, effect of diet, stimulants, or medicines; and to learn the management of convalescents.

Instruction will be given by attending and resident physicians, and surgeons at the bedside of the patients, and in various other ways, also, by the Superintendent of Nurses. Examinations will take place from time to time.

The pupils will pass through the different wards, serving and being taught, for one year. They are supplied with board, and lodging, and will be paid ten dollars (\$10) per month for the first year, for their clothing and personal expenses. At the expiration of one year they will receive such increase of pay as the Trustees shall see fit.

When the full term of two years is completed, those who have passed a satisfactory examination will receive diplomas, certifying to their period of training, their proficiency and good character.

The right is reserved to terminate the connection of any nurse or pupil with the school for any reason which may be deemed sufficient.

A blank form will be furnished to applicants to be filled in with answers to the following questions in the candidates' own hand writing, and sent to the Superintendent of the City Hospital, Worcester, Mass.

#### QUESTIONS TO BE ANSWERED BY CANDIDATE.

1. Name in full and present address of Candidate.
2. Are you a single woman or widow?
3. Your present occupation or employment?
4. Age last birthday, and date and place of birth?
5. Height? Weight?
6. Where educated?
7. Are you strong and healthy? and have you always been so?
8. Are your sight and hearing perfect?
9. Have you any physical defects?
10. Have you any tendency to pulmonary complaint?
11. If a widow, have you children? How many? Their ages? How are they provided for?
12. Where (if any) was your last situation? How long were you in it?
13. The names in full and addresses of two persons to be referred to? State how long each has known you. If previously employed, one of these must be the last employer. One of them must not be a relative.
14. Have you ever been a pupil of any other training school?
15. Have you read and do you clearly understand the Regulations?

I declare the above statement to be correct.

## REPORT OF THE VISITING STAFF.

---

*To the Trustees of the Worcester City Hospital :—*

The Committee appointed by the Visiting Staff to report to the Trustees upon the condition of the Hospital respectfully submit the following :—

The object of our report is to make known to the Trustees the directions in which the Visiting Physicians and Surgeons have found the Hospital lacking in its service to the public, and in which it seems to them that improvements can be made.

In the first place, there is not room enough for male patients even without proper division and isolation. Several times the male ward has been overrun, the private rooms filled and beds placed in the corridor, while the new isolating ward is most of the time occupied by ordinary patients.

The lack of accommodations is more troublesome still when it comes to the matter of isolating patients who should be kept by themselves, either because of the bad effect they have, or are likely to have, on other patients or other patients on them. A patient with erysipelas or septicæmia is a source of danger to other surgical patients. A wounded man would be safer most anywhere else than in a ward where these infectious diseases exist, but in our Hospital such exposure has been necessary more than once during the past year.

On the other hand a man with an approaching delirium tremens is more hopefully treated with a view to avoiding the attack if he is alone than if he is in a ward with other patients. An extremely sick, dying or delirious patient often requires to be alone.

There is a special class of patients who have never been admitted for whom provision should be made, namely : women



expecting confinement. The number is not great and the provision required not extensive, but the hardship which might be relieved is often extreme.

The accommodations for ordinary female patients are sufficient, but facilities for isolation are lacking here as well as on the male side. There is now no place for a woman requiring isolation but the end of the corridor, and that is by no means fit.

Some further suggestions in regard to hospital management, coming properly within the sphere of the Superintendent, have been made and left in his hands.

LEONARD WHEELER.

J. O. MARBLE.

J. B. RICH.

WORCESTER, December 27, 1883.



REPORT OF THE COMMISSIONERS  
OF THE  
JAQUES FUND AND OTHER FUNDS  
OF THE CITY HOSPITAL.

---

WORCESTER, Mass., Jan. 7, 1884.

*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 charge, for the financial year ending November 30, 1883:

Balance on hand, Dec. 1, 1882,	\$127,838 36
Receipts to Nov. 30, 1883, inclusive,	15,409 19
	<hr/>
Total,	\$143,247 55
Payments to Nov. 30, 1883, inclusive,	5,965 16
	<hr/>
Balance, Nov. 30, 1883,	\$137,282 39

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. Sundry statements, prepared by the treasurer of the board, showing, in aggregates and in detail, the receipts and payments on account of the several funds, together with the investments and cash balances carried forward at the end of the year, accompany this report and make a part thereof.

In presenting this account of the financial condition of the hospital funds the undersigned desire to add thereto a brief

statement giving some statistics relative to the disposition of the real estate bequeathed to the city by the late George Jaques, of honored memory. Of the nearly twenty acres of land, originally belonging to the estate, some thirteen and  $\frac{7.8}{100}$  acres, or about 600,413 square feet, in all, have already been sold, to fifty-eight different purchasers, in seventy parcels, of varying dimensions. One parcel, consisting of 8,905 square feet of land, was disposed of July 20, 1877, under the direction of the trustees of the hospital; and, since the 11th of January, 1878, when this board was organized under the City Ordinances, sixty-nine parcels, comprising about 591,508 square feet of land, have been sold under the supervision of the Commissioners. The proceeds of the sales of said land, during the period from July, 1877, to November, 1883, inclusive, amount to the sum of \$84,075.01, the average price per foot for the land sold being about fourteen cents. There still remains undisposed of a balance of about 245,622 square feet of land, some five and  $\frac{6.4}{100}$  acres, in all, the bulk of which is located between Wellington, Chandler and Piedmont streets, and on both sides of Jaques Avenue, as extended easterly to Wellington street. It may be of interest, in this connection, to state that nearly all of the land sold under the direction of this board has been built upon, and otherwise improved, by the purchasers, and that the Jaques Fund investments, which are in charge of the undersigned, consist largely of notes secured by first mortgages of the land so sold.

Respectfully submitted,

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

*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, in tabular form, and in detail, covering all cash transactions on account of the several hospital funds during the financial year ending November 30, 1883:

STATEMENT OF THE FUNDS.

Dec. 1, 1882, to Nov. 30, 1883.

No.	TITLE OF FUND.	Balances Dec. 1, 1882.	Receipts during year.	Total.	Paym'ts during year.	Balances Nov. 30, 1883.
1	Geo. Jaques Hospital Fund,	\$119,770 66	\$14,977 84	\$134,748 50	\$5,707 16	\$129,041 34
2	Isaac Davis " "	1,865 13	115 41	1,980 54		1,980 54
3	Albert Curtis " "	1,014 03	40 80	1,054 83	8 00	1,046 83
4	John B. Shaw " "	188 54	25 14	213 68		213 68
5	Jos. A. Tenney " "	5,000 00	250 00	5,250 00	250 00	5,000 00
	Totals,	\$127,838 36	\$15,409 19	\$143,247 55	\$5,965 16	\$137,282 39

INVESTMENTS AND BALANCES.

Nov. 30, 1883.

No.	First Mortgages on Real Estate.	Stock in National Banks.	Bond of R. R. Co.	Special Bank Deposits.	Cash on Deposit.	Balances Nov. 30, 1883.
1	\$125,700 00	\$1,500 00		\$432 55	\$1,408 79	\$129,041 34
2			\$1,000 00	980 54		1,980 54
3				1,000 00	46 83	1,046 83
4				213 68		213 68
5	5,000 00					5,000 00
	\$130,700 00	\$1,500 00	\$1,000 00	\$2,626 77	\$1,455 62	\$137,282 39

## RECEIPTS AND PAYMENTS.

## RECEIPTS.

Dec. 1, 1882, to Nov. 30, 1883.

No. 1.	Proceeds of sales of real estate, viz.: 6 parcels, containing 52,001 square feet of land, . . .	\$8,679 10	
	Proceeds of sales of turf, . . . . .	13 00	
	Interest on mortgage notes, . . . . .	6,035 95	
	Interest on National Bank deposits, . . . . .	137 50	
	Dividends on 15 shares of Bank stock, . . . .	82 50	
	Bank tax of 1882, refunded by Commonwealth, .	29 79	
			<hr/>
			\$14,977 84
No. 2.	Interest on Rail Road bond, . . . . .	\$80 00	
	Interest on Savings Bank deposits, . . . . .	35 41	
			<hr/>
			\$115 41
No. 3.	Interest on Savings Bank deposits, . . . . .	\$40 80	
			<hr/>
			\$40 80
No. 4.	Rent of Shaw estate, one-fifth part (net), . . .	\$17 75	
	Interest on Savings Bank deposits, . . . . .	7 39	
			<hr/>
			\$25 14
No. 5.	Interest on mortgage note, . . . . .	\$250 00	
			<hr/>
			\$250 00
			<hr/>
			\$15,409 19
	Cash balances, Dec. 1, 1882, viz:		
	Fund No. 1, . . . . .	\$830 31	
	Fund No. 2, . . . . .	14 03	
			<hr/>
			\$844 24
			<hr/>
	Total, . . . . .		\$16,253 43

## PAYMENTS.

Dec. 1, 1882, to Nov. 30, 1883.

No. 1.	Surveying and preparing plans, . . . . .	\$28 67	
	Concrete walk on Chandler street, . . . . .	24 60	
	Salary of treasurer, . . . . .	100 00	
	Net income to Oct. 1st, paid into city treasury, .	5,553 89	
			<hr/>
			\$5,707 16

No. 3.	Sundry medical books, . . . . .	\$8 00	
			\$8 00
No. 5.	Net income to Oct. 1st, paid into city treasury, . . . . .	\$250 00	
			\$250 00
			\$5,965 16
Transferred to investment acc't, viz :			
	Fund No. 1, . . . . .	\$8,692 10	
	Fund No. 2, . . . . .	115 41	
	Fund No. 4, . . . . .	25 14	
			\$8,832 65
Cash balances, Nov. 30, 1883, viz :			
	Fund No. 1, . . . . .	\$1,408 79	
	Fund No. 3, . . . . .	46 83	
			\$1,455 62
	Total, . . . . .		\$16,253 43

WM. S. BARTON,

*Treasurer.**Worcester, Mass., Dec. 19, 1883.*

# 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 closed on the Thirtieth day of November, A. D., 1883, is herewith submitted as required by the Twenty-First (21st) section of the municipal Charter :

COMMISSION OF PUBLIC GROUNDS,

*In account with*

CITY OF WORCESTER.

*Cr. :*

Annual Appropriation,	\$6,500 00
-----------------------	------------

*Revenue :*

Grass from Elm Park,	\$50 00
Labor (lent),	30 60
	\$80 60
	\$6,580 60

*Per Contra, Dr. :*

Grading—regular labor for year,	\$2,287 46
Occasional hire of men and teams,	158 75
Plants, shade-trees, and planting,	1,338 15



Loam and manure,	675 06
Seeds (grass, &c.),	97 65
Printing,	51 16
Freight, express, and trucking,	9 15
Blank-books, stationery, and stamps,	30 56
Tools, and hardware,	167 30
Blacksmithery,	14 25
Blue Herons and Water-fowl,	26 62
Grain and keep for same in winter,	16 45
Lumber and carpentry (Tree guards),	662 33
Stone, for flagging pools, &c.,	348 39
Building tool and boat-house (shelter),	525 00
Water department—plumbing (pumps),	18 40
Engineer office—marking for shade-trees,	10 52
Settees—new, and repairs to old,	95 00
Plant and flower stakes,	9 95
Advertising,	16 06
Cement,	1 40
Sewer (rubber) boots,	9 15

---

\$6,568 76

To be *sunk*,

\$11 84

COMMISSION OF PUBLIC GROUNDS.

Worcester, Massachusetts,

December 24th, A. D., 1883.

To

Henry Griffin, Esq.,

*Auditor:*

In response to your request for an estimate of the sum that should be appropriated for the purposes of this COMMISSION, I have the honor to state that the amount ought not to be less than Seven Thousand Dollars (\$7,000.00).

With each successive year the demand for *Shade-Trees* increases and grows more importunate. The opening of new streets anticipates and exceeds the wisest possible prevision by this COMMISSION. They can but do what they may with inadequate means. On every hand they are reproached for not asking for a larger sum.

Again,—as *Elm Park* becomes more and more a Public Garden, the cost of maintaining it properly is correspondingly increased.

Appreciating the great and pressing demands upon the Public Treasury, from all quarters; demands never to cease until the City elects to stagnate and become worthless as a place of residence; the COMMISSION OF PUBLIC GROUNDS continue moderate in their requests.

I have the honor to subscribe myself,

Very Respectfully and Truly,

EDWARD WINSLOW LINCOLN,

*Chairman.*

Consider the case of the PARK, as stated in that note to the *Auditor*. It is not wholly graded in the judgment of the COMMISSION; whereby will be understood, by those who read as they run, that more work remains to be done at the S. W. corner,—and thoroughly. Slatternly or slipshod grading and trenching do not pass muster with men who would approve themselves honest servants of the city. But even when superficial labor is completed,—if so that may be termed which fixes the soil and forms the turf; the season of bud and bloom supervenes, with its own peculiar, oft-times overwhelming toil. Weeds must be kept down; not the easiest task, when soaking showers and torrid suns combine to force vegetation of every kind into premature and rank development. The grass must be cut or clipped; for only in the early stages of improvement is it permissible to make hay,—deriving some small revenue therefrom. Where there are Islets,—they must be cared for, so far as to look neat, at least; and when, as in the case of ELM PARK, they are purposely studded to profusion with flowering and fragrant shrubs, manuring and pruning become absolutely necessary—yet not to be undertaken as botch work. Never, within the past four years, have the COMMISSION been able to purchase as much manure as they imperatively required. The City, through its Highway Department, doubtless finds its advantage in peddling the ordure from its stables. Raw dung would be unsuitable for Park purposes, save at rare times and for hap-hazard needs. But an abundance to compost, so as to have it in mass and quality when wanted, should be supplied by the City, either by money-appropriation or in kind; if it would have its Public Grounds kept in a condition that might inspire contentment, if not pride, when displayed to the official, or espied by the casual stranger within our gates. For possibly our inns will not always repel Conventions that represent the brains and not the stomachs of Massachusetts!

The Public Garden of Boston is a theme for admiring compliment with those who can see a good thing—away from home! even if they cannot properly judge it or compute its cost. But our ELM PARK is three (3) acres larger, and, all told, has never had expended for its development as much as was lavished upon

the Boston Garden in single years. Yet it is the simple truth to state that there is a greater diversity and wealth of flowering and rare shrubs, as well as of deciduous and coniferous trees, in ELM PARK, than could be discovered by the most diligent search in the pet pleasure-resort of the metropolis. As heretofore suggested,—two-thirds of the charm attributed to the Boston Public Garden is reflected from the massive piles of striking architecture that encompass it; by which the gaze is fascinated and whereto it constantly recurs after the diverted attention of the moment. The COMMISSION OF PUBLIC GROUNDS, in Worcester, neither challenge nor invite comparison of their work with any in other cities: but being fully cognizant of actual results as accomplished here and elsewhere, they shrink from no competent criticism or scrutiny. Again,—elsewhere, they have paid service, if only for superintendence. Here,—the COMMISSION not only serve for the honor and satisfaction of it, finding their own team; but the *Chairman* is crowded out from the garret and cellar of his house by the bulbs and tender plants belonging to the city, because nowhere else is there a place wherein to protect them from the severity of winter. Not for them is the greenhouse or cold-house, to multiply or preserve! Split slabs instead of hammered blocks, the wooden bridge rather than the monumental Arch; one man with his wheelbarrow where, in any other place, you would block the way by a hundred with their horses and carts! If the COMMISSION appear to move slow it is because now, as in the old song, it is

“Money that makes the mare to go.”

But yet, whatever has been achieved in ELM PARK has been done within Nine (9) years, as means and opportunity allowed. And so far as the work accomplished is not submerged, it is conspicuous to every one who has taken note of the gradual steps in landscape improvement.

Since their last Report was submitted, the COMMISSION have caused two new Islets to be constructed,—one by the deposition the other by the retention of earth; have had a new channel excavated along the westerly shore of the Oval Pool; have had, or

will have had, by the time the ice breaks up, the entire retaining wall or embankment of that Pool reconstructed, and finished with a coping of large, split stone from the civic quarries on Millstone Hill. Almost the entire shore line will be completed, when the ground is free from frost; thereby affording a safe, level, and agreeable promenade for those who enjoy proximity to sparkling water, cheerful companionship, the sight and cheer of passing boats, and it is to be hoped, the resonance and echo of instrumental music "making a joyful noise unto the Lord" upon the First day of the week.

They have in process of thrifty development, a very great variety of ornamental plants and shrubs which will serve, as they enlarge, to decorate the PARK; and they possess even now suitable for the roadside, a superior lot of Shade-Trees that are designed for the suburban districts, if only through the local Granges or otherwise the task of planting may be assumed upon the assurance that the trees themselves, having been procured for little or nothing, as saplings, are paid for once and forever. Quite a number of the outlying School-Districts have their roadsides well shaded at present, thanks to the energy and self-sacrifice of men who found their remuneration in those very virtues. But the COMMISSION have noted gaps that ought to be closed up, in various directions; and they will be glad to supply the trees, upon the assurance that they will be properly planted along highways that might be neglected otherwise; and that they shall not be browsed down thereafter without complaint or effort at redress.

As to the actual condition of the *Shade-Trees* of the City, the COMMISSION would assert nothing with confidence. They have continued planting, as was alike their preference and duty; yet they cannot but dread the revelations of the coming summer. They are aware of what "Science" assumes—that taking the years in their sequence, the amount of rainfall from one to another, scarcely varies. Yet they have greater faith in facts, whether the theory conflicts with them or not. They know, from positive experience, that the little patches of earth intrusted to their care were drier throughout the last three years than ever



before. They can understand that with digging for Gas and Water Mains; and much more by the construction of Sewers, ever porous and always draining; the highways may get parched so that scarce even the Ash or Elm should maintain a miserable vitality. Besides, brick and stone pavements, or that queer macadam,—if a mulch after a fashion,—can hardly be accounted manure or moisture. But ELM PARK re-inforces the argument. The Pools keep up their level until the in-gathering of hay. Thereafter, at once as it were, throughout the whole alluvium or diluvium, for the spade can justify either term, the water subsides in a night, sinking into the veins that percolate the shifting subsoil or quicksand underlying all that part of Worcester which stretches from Highland Street to Coes's Reservoir and occupies the entire valley between Fruit and Piedmont Streets to the East and Newton Hill on the West. When heavy showers have saturated the surrounding country, the water in those Pools again rises, evidently supplied from subterranean fountains that respond to the bounteous clouds with the regularity of tides. But, throughout the three years last past, the average flood was sensibly diminished. Cultivation might absorb a part; yet that and evaporation united would fail to respond for even a fraction of the old-fashioned lavish down-pour from that capacious watershed.

Were the writer over-credulous,—more inclined to believe all that he reads,—he might attribute somewhat of the increasing dryness, or at least its manifest effects, to a vastly augmented plant and shrub growth. What that has been found to do elsewhere, as stated in the foot-note,\* was long since observed by the Chairman of the COMMISSION. In cleaning the well, upon

---

\* THE THIRSTY EUCALYPTUS.—Where there is surplus moisture to dispose of, as, for example, a cesspool to keep dry, a large eucalyptus will accomplish not a little, and a group of them will dispose of a vast amount of house sewerage. But if you have water which you do not wish to exhaust, as in a good well, it would be wise to put the eucalyptus very far away. Daniel Sweet of Bay Island farm, Alameda county, recently found a curious root formation of the eucalyptus in the bottom of his well, about sixteen feet below the surface. The trees to which the roots belonged stand fifty feet from the well. Two shoots pierced through the brick wall of the well, and, sending off millions of fibres, formed a dense mat that completely covered the bottom of the well. Most of these fibres are no larger than threads, and are

the *Common* some years since, a precisely similar mat to that ascribed to the eucalyptus was found, whose origin was neither more aristocratic nor far-fetched than our American Elm. Unquestionably vegetation will, nay must absorb moisture: but that well, within the knowledge of the COMMISSION, has ever maintained the same steady level and volume.

The writer has sometimes favored a theory that the continual as it were incessant, jar over City *streets*, would of itself prove fatal to the life of Shade-Trees. The old Town-way, lined by Horse-Chestnut or over-arched by Sycamores, carpeted for half its width on either side with the greenest turf, was seldom disturbed save by the periodical trip of the stage-coach or the more precipitate passage of the village Doctor. The tremendous weight of loaded wire was not imposed upon that tract of virgin soil, to which perhaps it might have been as appropriate as its palpable and evident avoidance of the iron tracks,—alike saving of friction and wear, yet possibly not its exclusive spoil. Nor was there a massive pavement for a mortar, whereon the tramp and concussion of myriad feet,—as a gigantic pestle, could disintegrate and comminute the solid earth beneath. Solid under ordinary conditions and in the usual climatic vicissitudes, but pulverized by chronic drought, without the least moisture for months to make its particles cohere. But it is a question of water,—and the writer's theory may not hold it.

The COMMISSION would fain be discharged upon this occasion, from a renewed load of obligation. At all times they have been the recipients, from green-house or garden, from florist or amateur, of superfluous but valuable plants which, having outgrown the limited premises of their owners might well gain a new and ampler home within a public pleasure-ground. Their efforts to recover for cultivation the hardy perennial plants and shrubs,

---

so woven and intertwined as to form a mat as impenetrable and strong as though regularly woven in a loom. The mat when first taken out of the well was water-soaked and covered with mud, and nearly all a man could lift, but when dry it was nearly as soft to touch as wool, and weighed only a few ounces. This is a good illustration of how the eucalyptus absorbs moisture, its roots going so far as to find water, pushing themselves through a brick wall, and then developing enormously after the water is reached. Mr. Sweet thinks one of the causes of the drying up of wells is the insatiable thirst of these vegetable monsters.—*Pacific Rural Press*.



that formerly lent such attraction to the old-time gardens of Worcester, have been materially aided by the generosity of those whose shrewd sense and fine taste had led them to hold fast what has approved itself, ever and in all seasons, good. The only return possible for the COMMISSION, has been an occasional load of peat which, in the way and of extreme plenty, has enabled them now and then, to make an acceptable if slight acknowledgment of floral gifts and courtesies.

During the last year the COMMISSION have been presented by *Mr.* Charles H. Davis with an elegant representation, in Japanese bronze, of what they assume to be *Ardea Herodias*, the Great Blue Heron ; although not positive that Asia, or the Islands contiguous, are comprised within its habitat. Magnified as is this work of art, the living bird of the same genus betrayed no jealousy, as he did subsequently when beholding the connubial happiness of the pair introduced from Philadelphia by *Mr.* E. S. Knowles. Perhaps he did not recognize the kinship of species ; a matter of less wonder since men and women have been overheard at a distance of but ten feet, marvelling if “the creature were alive” ! The pecuniary value of that gift is of least importance in the estimation of the COMMISSION, considerable though it must have been. But they prefer to recognize in it a new and material evidence of the interest which *Mr.* Davis has always shown in their work ; another proof of his zeal for the adornment of his native City ; additional testimony that some tastes are hereditary, and that his liberality and its direction descend naturally enough from one who, long years ago, made proffer to Worcester of a large tract of land which, it is to be greatly regretted, is not now in municipal possession and popular enjoyment.

The COMMISSION improve this, their first opportunity to express their sense of the loss sustained by themselves in the departure from the City of its late Water Commissioner, *Mr.* Frank E. Hall. Whatsoever assistance he could give them, during many years of official intercourse, was rendered in no halting, hesitating, half-hearted manner. His co-operation was ever most cordial, dictated by a generous nature and confirmed by a clear perception, too seldom evinced, that such thorough accord tends most

directly to promote the public welfare. Perhaps Worcester can afford to dispense with the expert service of men who, like *Mr. Hall*, have grown up in her employment; and surrender them to the better appreciation of private corporations in our smaller towns! A few dollars are doubtless saved for the immediate present. And yet

“The scripture saith, ‘Thou shalt not muzzle the ox that treadeth out the corn. And, The labourer is worthy of his reward.’”

The COMMISSION are observing closely the character of that growing Winter’s dump upon the *Common*. As a convenience for the Highway Department, it will be suffered so long as it is not actually injurious. But the Street Railway Co. has no claims upon their official consideration. And when such messes are loaded up for deposit upon the Public Grounds, as was noticed by the *Chairman* on the evening of the 23rd January, current, near Harrington Corner, it may become necessary to borrow the Salt and Sand Metres used in Boston, by whose disclosures prohibition was rendered imperative upon the Common of the metropolis.

The Ordinances of the City under the broad caption of “Police,” define the following among other duties of the City Marshal:

“It shall be his duty to enforce and carry into effect all laws and City Ordinances, and to be vigilant to detect and punish any breach thereof.”

No portion of his duties, no corresponding obligation of his subordinates, is anywhere or at any time transferred to the strong shoulders of the COMMISSION OF PUBLIC GROUNDS. Yet the Statutes of Massachusetts and the Ordinances of Worcester take Shade-Trees under their care, denounce penalties for any careless or wanton damage to them, and assume that any injury will be punished as promptly as the sale of a glass of beer by some poor woman who uses illegal methods of eking out a wretched livelihood. The *Chairman* of the COMMISSION has complained; although ordinary “vigilance to detect,” by those who are sworn

and paid to do it, should have anticipated or precluded the necessity for such action on his part. The late *Judge Williams* told the *Chairman* as he was detailing instances of neglect, if not of “hush thee my baby! In the tree top!”, to complain thereafter directly to him. Quite recently trees in Elm street, by the Lincoln House; and on Main street before the Central Exchange, and Flagg Block; are gnawed daily. No patrolman sees it, although every other person does: perhaps none care to “detect and punish” the offender. But every man of them concurs in the policy of perpetually increasing the Force!

A year or two since, on a Sunday, the *Chairman* shew a patrolman, just now promoted, where a horse was in the very act of gnawing and destroying one of the largest Elms on Main street. The officer knew who was the owner, saying that he was at his devotions on Walnut street and must shortly be out in the world. Would he take the team to the Police-Office? His beat would not expire for a little while longer. Would he tell his relief to notify the owner, when he came, of his liability, and complain at headquarters when he got there? Yes! but he never did. The *Chairman* went in person to the Police Office, as soon as he could walk thither, and narrated all the circumstances. That was all that came of it. The case was one of lawlessness, but it held neither beer nor rum!

Well,—on this 24th day of January, A. D., 1884, the *Chairman* has himself accomplished a little bit of detective work that he asked a patrolman to undertake weeks since. It was done simply enough: just happening around at the right time.

What this COMMISSION would like to know, is,—if the Ordinances and Laws protecting Shade-Trees are meant to be regarded; if they are comprised among those “Laws and City Ordinances” that the Marshal is sworn to “enforce and carry into effect;” and if not, why not?

Popular attention has been invited, in former Reports of this COMMISSION, to corporate aggression and usurpation. Trees have been mutilated, or cut down, not only without leave, but seemingly without the slightest idea on the part of the offender that

any could be requisite but his own instance and volition. Two or three Telegraph Corporations know more about the true inwardness of the Common and Statute Law than they did, in their callow youth ; and if the knowledge came to them without extreme cost, they may thank the forbearance of the writer. For although vigilant like his colleagues, to guard the City from detriment, within their exclusive province ; he has not, more than they, any fondness for a wanton exercise of authority. If, after long sufferance and slowness to anger, the average man of Worcester had come to think that the gentle dews of Heaven could only be distilled over his garden or farm through a warp and woof of wires ; in whose location he was not consulted and for whose location he was never compensated ; he has mainly to thank a political education whereby the individual is subordinated to the corporation ; the man made in the image of God to the bastard *simulacrum* fostered by a half-century of statutory privilege and municipal concession.

“ The horse-leech hath two daughters, crying Give ! Give ! ”

The Great and General Court can grant much ; being at times profuse in that species of *largesse* that costs him so little who rejoiceth that it is more blessed to give than to receive.

But, for the safeguard of the individual, the unit of a free State ; for the better muniment of the public liberty,—the sum and substance of private right and immunity from all forms of oppression ; all pervading and instinct with the breath of Revolutionary life, exists in actual and hearty force, the Massachusetts Bill of Rights, qualifying, explaining, defining, and restricting. Thus far shalt thou go, and no farther !

Does the latter-day abject,—ready, or even solicitous to pay the duty on Tea ! inquire with bated breath—*Quis custodiet custodes ?* Who shall oversee the watchmen ? The Bill of Rights—never read in our schools ! and therefore scarcely known out of them ; provides for the permanent establishment of a tribunal as

“ Free, impartial, and independent as the lot of humanity will admit.”

And therefore, although the General Court too often “slops over ;” abnegating its sovereignty with but hasty audience or de-



liberation; delegating the tremendous privilege of Eminent Domain to the more importunate and least meritorious; but invariably to those who would buy in open market, at a fair price, if they were not authorized to extort; it has never yet cared, or dared, to enact that a

“Part of the property of any individual can, with justice, be taken from him, or applied to public uses, without his own consent, or that of the representative body of the people.”

Or that

“Whenever the public exigencies require that the property of any individual should be appropriated to public uses he shall (not) receive a reasonable compensation therefrom.”

With how much nicer precision, then, would a concession of such almost absolute power be guarded, when sought to be exercised by a body of individuals associated for private gain! What exact precaution to ensure that every step shall be carefully indicated in advance! each successive location, whether of rail or wire, designated and allowed by the proper and competent authority; and all of those locations or positions subject to the fundamental rights of property so jealously protected by the Bill of Rights!

The same Charter that creates a CITY COUNCIL, with its *Board of Aldermen*, provides in its very next section, for the establishment of a COMMISSION OF PUBLIC GROUNDS. The same Charter that defines the jurisdiction of either or both branches of that City Council over the highways and streets, is particular and explicit in conferring upon such COMMISSION the

“sole care, superintendence and management of the Public Grounds belonging to said City of Worcester;”

phraseology which, to an ordinary master of the English language, might appear sufficiently comprehensive and definite.

Any trespass upon their authority in derogation of Common Right; whether emanating from ignorance or superciliousness; could not be winked out of their sight, nor neglected when in plain view of the COMMISSION. Distorted and unseemly poles, illegally set within the notorious and well-defined limits of the

*Common*, were felled in pursuance of orders duly issued by the Chairman. Some correspondence that preceded and followed this action is given, in this connection, and in proper sequence, for a more thorough explanation of the whole matter; so interesting, as affecting, in a measure, the most vital interests of the people:

[COPY.]

COMMISSION OF PUBLIC GROUNDS.

Worcester, Mass., December 13, 1883.

FRANK P. GOULDING, Esq.,

*City Solicitor:*

MY DEAR SIR:—

Will you kindly inform me if, by their Acts of Incorporation, or by the General Statutes, Telephone Companies are authorized to enter upon the Public Grounds of this City, and to erect and maintain their business poles thereon, without leave or license from this COMMISSION?

The matter appears plain enough to me—but there are those who will need to be convinced by your official opinion.

Believe me, most sincerely, your friend,

EDWARD WINSLOW LINCOLN,

*Chairman.*

[COPY.]

WORCESTER, MASS., Dec. 14, 1883.

EDWARD WINSLOW LINCOLN, Esq.,

*Chairman, Comm'n of Public Grounds, &c.*

MY DEAR SIR:—

In your letter of 13th inst., you ask me (whether) by their Acts of Incorporation, or by the General Laws, Telephone Companies are authorized to enter upon the Public Grounds of this City;—and to erect and maintain their business poles thereon, without leave or license of your Commission.

In answer, I would say that I am aware of no law which gives to Telephone Companies any such right; and I am of opinion that they have no such authority, and that such poles, not being in a highway, but on the Public Grounds of the City;—set and maintained without your permission,—are there without any right whatever.

Yours Truly,

FRANK P. GOULDING,

*City Solicitor.*



As connected with *res gestæ*, and illustrative of the inch and ell theory; the following note deserves insertion, here:

TO THE EDITOR OF THE GAZETTE:—

I desire to state to the public my connection with the setting of the Telephone poles on the Common, which were cut down yesterday, by order of Commissioner Lincoln. Mr. Wilson, of the Telephone Co., applied to me, as Chairman of the Committee on Highways, for leave to set poles so as to concentrate a large mass of wires with a cable. *Alderman* Coes, of the Committee, *Alderman* Tatman, of the Committee on Lighting Streets, and Engineer Brophy, of the Fire Department, were consulted, and we all agreed that the change was a desirable one.

Accordingly, I gave Mr. Wilson permission, informally, to set three poles, but I understood they were to be set close to the inside edge of the sidewalk between Front and Park Streets. The location of the poles, where they were afterward set, was never contemplated by us, and was entirely without the knowledge of the Committee.

CALEB COLVIN,

*Chairman, Committee on Highways.*

And now came a direct application to the City Council, from the Telephone Company, for leave to set poles within the limits of the *Common*. This was referred, as a matter of course, to the Highway Committee, with power to act: although it had become evident to the people, at least, that this COMMISSION claimed sole jurisdiction in the premises. Not desiring any controversy that could be avoided, the *Chairman* addressed a note to *Alderman* Colvin, as follows:

COMMISSION OF PUBLIC GROUNDS.

Worcester, Mass., Dec. 20, 1883.

*Alderman,*

CALEB COLVIN, *Chairman.*

MY DEAR SIR:—

Will you provide for the removal, from the Common, of the pole lately set up illegally, by the N. W. corner of the Old South Meeting-house; or must I seek for redress, and remedy, in the only way that has hitherto approved itself effectual?

I spared it, as it is too good a stick to be spoiled, unnecessarily.

Very Respectfully,

EDWARD WINSLOW LINCOLN,

*Chairman.*

There are other Poles, with their armament of wires, that were set up and are now maintained within the limits of the *Common*; whose location was never sanctioned by this COMMISSION. Assertion was profuse that the Board of Aldermen had designated the positions actually occupied; and courtesy to that Honorable Body seemed to require that this COMMISSION should await its wiser and more considerate action. There would appear, at this time of writing, to have been some fearful lying, in the premises. The Aldermen are understood to disclaim, with entire unanimity, any responsibility for the location of those poles of an Electric Light Company. When due regard for comity ceases, and duty to the public demands action; it will then devolve upon this COMMISSION to determine whether it may be better to tolerate invasion; exacting an annual revenue per pole, or for length of wire; or to eradicate and efface. Possibly the reflection of light upon the COMMON, without charge, may be deemed to afford a partial compensation for that "location" which expects a remuneration, from the municipality, for the illumination of Front Street!

For the invasion of popular sovereignty is flagrant and offensive. In the judgment of this COMMISSION, resting upon that buttress of the Common Law; which, founded on the Rock of Ages, has ever been a sure reliance to him who had no other place whereon to put his foot; no authority entrusted to, or lavished upon any municipal body can delegate power in derogation of Common Right. Whether that position be valid, or not, it cannot be disputed by the most refined casuist that, in their latest codification of the statutes, the "Plain People" have erected a barrier not to be surmounted save by their own idiocy and ignoble surrender:

"No highway, townway, street, turnpike, canal, railroad, or street railway, shall be laid out or constructed over a Common or Park dedicated to the use of the public, or appropriated to such use without interruption for the period of twenty years; nor shall any part of such Common or Park be taken for (widening or altering) a highway, townway or street, unless with the consent of the inhabitants of the City or Town, after public notice, given in the manner provided in cases of the location and alteration of highways, setting forth the extent

and limits of the portion thereof proposed to be taken. Such consent shall be expressed by vote of the inhabitants, if ten or more voters file a request in writing to that effect with the Selectmen, or the Mayor and Aldermen, within thirty days after the publication of the notice; in the absence of such request, consent shall be presumed.”—[*Public Statutes of Mass'tts*, 1882. Chap. 54, Sec. 13-14.

And as the greater includes the less; the mention of so many by name, presupposing that they were every method of infringement, or invasion of Common Right, known A. D., 1876, when that Act was passed; by parity of reasoning the law for the older rail may be considered law for the more modern wire. But, note! those who still enjoy,—as well as those who would grasp it! that the exclusive and unmolested possession and use of their COMMONS and PARKS can only be bartered, for the usual mess of pottage, by the people themselves, in Ward or Town meeting lawfully assembled!

The following correspondence, occurring since the above was written, is inserted here, although it passed within the current official year. It relates to the topic immediately under consideration, however; and is of present interest as defining the fixed position of the COMMISSION upon the entire subject-matter:

[COPY.]

“WORCESTER DIVISION,

NEW ENGLAND TELEPHONE AND TELEGRAPH COMPANY.

Worcester, Jan. 14, 1884.

E. W. LINCOLN, Esq.,

*Chairman, Commission on Parks and Shade Trees*

*of the City of Worcester.*

DEAR SIR:—

In behalf of the New England Telephone and Telegraph Co., I would respectfully request permission to set two poles on the Common, near the Old South Church, on the East line of Main St. sidewalk, to carry cables for Telephonic purposes; also, to accommodate the Fire Alarm wires.

These poles will be tall enough to carry cables over the trees so as not to interfere with them whatever. Your early attention to this will greatly oblige,

Yours, Very Respectfully,

W. F. BLACK,

*Super't.*”

## COMMISSION OF PUBLIC GROUNDS.

WORCESTER, MASS., January 16, 1884.

W. F. BLACK, Esq.,

*Supt. N. E. Telephone & Telegraph Co.*

SIR;

The Commission of Public Grounds have considered your application for "permission to set two poles on the Common near the Old South Church on the East line of Main St. sidewalk to carry cables for Telephonic purposes, also to accommodate the Fire Alarm wires;" and would answer that, in their judgment, they are forbidden by the spirit, if not the letter, of the law, from according such leave.

The Statutes are explicit in their restriction of the power of allowing encroachment, of certain kinds upon Commons or Parks, to the inhabitants of Cities assembled in Ward meetings, duly warned, whereat consent or denial shall be formally expressed by ballot. The Telephone is not specifically designated, as are highways, street-railways, &c. But, it must be borne in mind that the Telephone is a recent discovery,—the actual priority of invention being even now a subject of litigation; and that your own patent is almost precisely coëval with the date of enactment of that Statute whereby it was designed to protect the integrity of Public Grounds.

The Commission cannot forget that just previous to the passage of what may well be termed the Disabling Act, the People of Worcester had made strenuous efforts and endured some sacrifices for the purpose of reclaiming their Common. Those efforts and sacrifices must have been familiar to the members of the General Court who passed the Statute of A. D. 1876. It is not doubted, by this Commission, that it was the deliberate intention of the Legislature to forbid and prevent any concession of right, or privilege, within "Commons or Parks dedicated to the use of the Public," save such as should be sanctioned by the People themselves, in their collective sovereignty.

The Commission do not conceive that you are subjected to inconvenience by their decision, adverse to your request, since the highways are open to you, by law, upon your compliance with legal requirements. If, as you assert, you charitably propose to accommodate the Fire Alarm wires, the Commission do not doubt that a suitable location, along such highways will be designated by the Honorable Mayor and Aldermen.

But, for themselves,—this Commission recognize but one duty: that of inflexible fidelity to the trust committed to them.

I remain, Very Respectfully,

EDWARD WINSLOW LINCOLN,

*Chairman.*

In the precipitate erection of Poles, by an electric construction company, somewhat earlier in the season, throughout Main Street,



statements were made to the Chairman of this Commission which led to the subjoined correspondence :—

[*Copy.*]

COMMISSION OF PUBLIC GROUNDS.

Worcester, Mass'ts, 1 P. M., November 8, A. D. 1883.

*My Dear Sir,*

As it has become evident that an attempt has been made to impose upon this Commission;—in order to gain for a private interest and behoof a concession which the Commission would not unreasonably withhold from a stated demand by the City, for public uses; this is to give notice that no wires, electric or otherwise, will be suffered to be affixed to the Shade-Trees of the City, whether by direct attachment; through eye-bolts; or, in any manner whatsoever.

EDWARD WINSLOW LINCOLN,

*Chairman.*

The original was personally left by the Chairman, at the office of Charles B. Whiting, Electric Manager; and copies handed to William Brophy, Electrician for the City; as well as to the City Marshal,—with the following postscript to the latter:

“The Marshal is requested to direct the officers to see that the above is complied with.  
E. W. L.”

[*Copy.*]

Nov. 9, '83.

“Mr. LINCOLN,

*Dear Sir,*

In reply to your communication of the 8th inst., I will say that it is not the intention of parties interested in the Electric Light Co. to “affix to the Shade-Trees of the City, by direct attachment through eye-bolts” any wires, or to injure the trees in any manner.

It will be necessary to pass wires between the limbs of trees occasionally, which I presume you will not object to as the wires which are insulated will then pass through rubber piping.

Very Respectfully,

CHAS. B. WHITING.

How far that explicit notice, and the unconditional acceptance of its terms, have been observed in fact may be judged by any one who will use his eyes as he passes along the North front of the *Common*.

Yet, where it might help that company,—at the same time accomplishing work needed by the City, this COMMISSION has not

hesitated to allow trees to be pruned of superfluous wood, under the competent supervision of *Mr. J. G. Kelley*, the expenses being defrayed by the Electric Light Corporation.

The COMMISSION will not protract this Report by enlarging upon their cherished design for a Broad Avenue to encompass the City. So much of it has already been built; so great and increasing is the use of it so far as completed; so valuable has it become as a practical thoroughfare and also an agreeable and inviting way of introducing strangers to Worcester; that further argument in its behalf seems almost supererogatory. Along Park Avenue a settlement of homes is rapidly advancing; population increases; and public opinion has crystallized in firm support of the whole far-sighted measure. What is now lacking, chiefly,—are the cross-sections from Southbridge Street to Quinsigamond; and from West Boylston Street to Burncoat; affording what does not now exist, a facile and safe mode of intercommunication for those growing portions of the City.

As for the completion—*Northwardly*,—of Lake Avenue,—legally decreed as it has been for years, it might seem that the need of work for some of our unemployed townsmen who do not wish to beg nor loaf, would suggest also an opportunity. That Avenue will be comparatively idle and useless until constructed to its Northern outlet into Lincoln Street. When so completed it will not only furnish a most convenient way of access and egress for the people, to and from the Lake, but present an admirable mark of delimitation between the land reserved for especial use by the Hospital and that which should be secured by Worcester for a *Common* or *Park*.

The *Public Grounds* of Worcester, A. D., 1883, had their full representation of those “miserable curs” that render even Governors morose and disturb his present Excellency’s serenity of temper. The plague of Dogs, upon the *Common*, is chronic, omnipresent. Sooner or later, a *battue* will be inevitable in the interest of common decency. As a “twin relic,” it were better abated there where “the offence is rank,” than at the distance of thousands of miles whither the “force of example can no farther



go." In *Elm Park*, they are an unmitigated nuisance. They scurry through the flower beds; they plunge into the shallow Pools, roiling the water, chasing the Water-Fowl, [almost killing the oldest heron last Summer], and when they emerge, they spoil all the holiday clothes in the neighborhood as they shake the drops from their flea-bitten, mangy coats. The seasons impose no check upon those exuberant, gushing natures; the canine range being as accurate and far-reaching in mid-winter as when Sirius rageth. If those sharp-shooters once "get on" a target,—be it Rose, Azalea, or Rhododendron,—it matters not how rare or priceless! their continual, if intermittent, fire by file is surely lethal. The patience of the COMMISSION, like a stone, is worn out by constant dripping. The *mitraille* will be indispensable if floriage and fragrance are to be perpetuated in *Elm Park*. Their apologists say, "Good doggie! he never had a friend like you!" But what man or woman of them all is willing to control them properly or to tend their illicit vent when at loose in the *Public Grounds*? The string by which each fond mistress affects to guide the reckless steps of her adored tip-tilted skye becomes far more effectual to destroy some precious plant than the little beast would tangle in a worse snarl than it utters. And, at best, it only fetters errant feet: peccant humors are not of such easy restraint. As Shakespeare might have said—

The evil that dogs do smells after them.

The scent is ne'er interred with their bones.

A. D. 1854, in a Valedictory Address to the Board of Aldermen, the late JOHN S. C. KNOWLTON thus referred to the acquisition, by the City, of what is now known as ELM PARK, which had been accomplished during his mayoralty:

"During the year, and under your direction, a large tract of land has been purchased for an additional Public Common. In purchasing this, you have consulted the health, the comfort, and the convenience of a large body of our citizens. In busy communities, it is natural for people to congregate upon territories of small extent. It is wise, therefore, to induce them to expand their settlements over a greater extent of land. It not only conduces to the public health and comfort, but it enhances the value of property in their localities and thus promotes the general welfare."

At that time, the population of the City was 21,237; and its valuation \$17,077,800. A generation has passed away, and now A. D. 1884, Worcester is reasonably credited with 70,000 inhabitants; the valuation, in round numbers, being \$48,570,000. It will be noticed that souls have increased in greater proportion than dollars: although could corporations sole be constrained to disclose their secrets, as freely and fully as corporations aggregate, the assessors might perhaps acquire that "transparent eyeball" of the transcendentalist, whereby reversion getteth to itself great gains, and introversion findeth fresh fields and pastures new. Yet that official proposition of *Mayor* Knowlton, one of the most discreet, yet when occasion needed, audacious servants whereof this City has been privileged to boast; that the diffusion of settlement should be a prime object with a wise municipality, is sustained to a remarkable degree by that latest civic return. If it was desirable, in the interest of the whole body politic, to disperse or scatter wide a population of twenty-one thousand; how much more vociferous and imperative should be the clamor and necessity for diffusion and space when seventy thousand must find suitable and adequate provision! The ancient charm of Worcester, as of so many other New England villages, was to be discerned in the happy combination of pleasant homesteads, ample roadways, and over-arching Elms or massive Maples. The City succeeds, or rather supplants, the village; but of what nature is the substitute? Its individual citizen encroaches upon an immemorial Main street; stealing from the community, that meanest of all thefts whereof the civilized man, can be guilty; he foregoes to temptation or surrenders to necessity that front-yard wherein the early settler planted and enjoyed his lilac-bush or syringa; he builds to the skies, climbing by flats and flattening as he ascends, neither reserving as owner, nor having assignment of space as tenant, to hang out a weekly wash; he enlargeth his school-house by robbing his children of their playground, not scrupling to instruct the young in edifices whose architecture! the godless heathen would reject for their graven images; he procureth a teacher who catechiseth his twelve-year old girl upon the music of Athens in the age of Pericles! he ad-

vocateth protection to home industry—meaning thereby his own home; and at last having fructified an uneasy but money-getting existence, he passes a sleek hand over a smooth paunch, saying to himself:

“What shall I do, because I have no room where to bestow my fruits?”

“And he said, This will I do: I will pull down my barns and build greater; and there will I bestow all my fruits and my goods.

“And I will say to my soul, soul! thou hast much goods laid up for many years; take thine ease, eat, drink, and be merry!

“But God said unto him, Thou fool! this night thy soul shall be required of thee; then whose shall those things be, which thou hast provided?”

“*Facilis descensus Averni!*” but this COMMISSION prefer the other road, if the gate is strait and the way narrow. In the current election between God and mammon their choice has never wavered. Of that ultimate, already now imminent, necessity, a necessity alike for municipal development as for popular enjoyment; this COMMISSION were never forgetful. In their very first Report, as now constituted, A. D. 1870, they write, as follows:

“The farm takes precedence of the shop; and yet, while no sum can be too great to lavish upon the intricate network of alleys, courts and streets which separate the centre and heart of the Municipality into infinitesimal subdivisions, every dollar is grudged that is required to promote the convenience of those without whose toil man could not live. The farm and its produce are indispensable; the middleman and his store are not absolute necessities. Whatever, then, has a tendency to open up the surrounding country; to develop its natural charms; and to encourage settlement and cultivation where now the bramble and the woodchuck hold undisputed possession; substituting smooth lawns, neat gardens, and improved stock; inducing the street loafer to become the independent yeoman, and attracting, by the simple aspect of rural loveliness the permanent sojourn of the chance wayfarer; surely here, and in all this, is an object worth striving for, worth far more, in fact, than even current extravagance could possibly make it cost in realization.”

Again, in their Report, A. D. 1873, the veriest clod-head reaping where he had not sown, in a field theretofore suffered to lie fallow and in which thistles and sheaves were in inverse ratio to

their actual worth; the wisdom of inducing settlement whither there had been only cow-pastures; of planting men and women in place of the chipmunk and coney; of clothing the hill-sides with human dwellings instead of abandoning them to the birch, kalmia, or even huckleberry; was presented in a light that could have been inspired only by the most earnest conviction, and to which the COMMISSION can hope to add nothing by mere repetition.

Shade will be requisite and rest: the trees not less than the seats beneath them, will require room. But, although, in detail, every cavil might be answered, it is only necessary in a case so explicit, to repeat that the plan of this COMMISSION, be that of others what it may, contemplates an AVENUE which shall open up, for culture and domicile, a large and ever-increasing territory. Which shall make land accessible to the artisan or day laborer, so that by reasonable thrift he may acquire a homestead at a tolerable price. And yet which shall rank among the finest of our thoroughfares, to be sought out, occupied, and improved by the tasteful from abroad, who have eyes to see and the means to gratify their inclination. Is it not but too painfully clear that our population is closely crowded? Huddled together in a narrow valley, between two abrupt ridges? Will it be denied that all concerned, the community and the individual, parents and children, the public health and private comfort, would be vastly benefited by an immediate and wider dispersion? And, if such gregariousness is of evil tendency, does not that municipality act wisely taking measures, at one and the same time, to augment the sum of individual happiness and promote the general welfare?

Yet as the COMMISSION behold the rapid expansion of the City; as they see the occupation on every side of tracts of land, heretofore depastured or left to lie waste; as they note the natural, scarce-repressed impatience of a tired, thronging multitude, alike too numerous and too poor to worship God in cushioned seats, albeit the roof and the floor pay nothing to Cæsar; but who would yet reluct at an arrest for trespass on the First day of the week, because they followed the example of their Saviour by betaking themselves to the open fields—not their own—possibly; they feel as though their duty would be but partially discharged were they not, in and out of season, to



impress upon their fellow-citizens,—well blessed with superfluous substance, and upon the City Council, that alone can take the initiative, the impolicy, almost danger, of postponing every thought for the acquisition of Public Grounds for the Worcester of the future. That Worcester will be powerless to procure them; they will have been taken up, long since, for the various purposes of our diversified industries. But it is not an altogether pleasant reflection that our children and grandchildren, as they exhume the talent and napkin from the ground wherein we buried it, shall curse our memory as of a selfish, improvident generation; a people that looked only to its own immediate, pressing needs or gratification: which put nothing at interest in that grandest of Savings Institutions whereby provision is made for the wants, comforts, luxuries—if such you please to esteem pure air, and green fields, and bright flowers;—for calm repose, upon one day in seven, after the dust and grime of a toilsome week;—a repose among those scenes all the better that they have not been marred by the sciolist of landscape gardening, who rushes in to pervert or spoil that earth whereon its Creator looked, when He had made it, and “saw that it was good.”

Treating of “Open Spaces In Towns,” and in that connection describing a meeting in the Town Hall of Manchester, England, at which the munificent sum of £35,000 was subscribed on the spot for the procurement of additional public grounds; *The Gardeners’ Chronicle* (London) says aptly:

“It was distinctly understood that, in providing these parks, they were to be no mere walks or places for fashionable promenade, but healthful and enjoyable spaces for legitimate and intelligent recreation, open alike to rich and poor, to young and old, free all the year round, the sole condition of entrance being good behavior. To a town, with a population consisting in proportion so immense of the laboring classes, factory hands, men employed all day in foundries, dyeworks, and scores of other scenes of mechanical industry, more than the half of it implying an atmosphere charged with steam, smoke, or chemical vapors, and the most monotonous and unpoetical of scenery, engines, looms, and so forth, and in which at the most moderate computation, 10,000 of the inhabitants live in cellars, the proffered boon was at once seen to be of value and importance absolutely inexpressible. That beyond the suburbs there were green fields and country lanes was altogether beside the argument.”

Which all, with more to the same effect, would apply, *mutatis mutandis*, to this our Worcester.

The COMMISSION have ever kept steadily in view a consistent and practicable plan of public improvement. They would enlarge ELM PARK in a way that would at once add greatly to its area and contribute a feature to its landscape which might be almost unique among Public Grounds. Newton Hill,—now enjoyed by trespass,—should be thrown open to a community that is continually climbing its easy acclivities. When,—as must very shortly be the case,—Tatnuck Brook shall be utilized for all that it can be made to be worth, a Distributing Reservoir will be located upon the summit of that eminence;—equivalent as it is in height and equi-distant as it were from both Hunt's Reservoir and Bell Pond. The two birds would thus be killed by one stone:—the people getting the pleasure-ground, and the Fire Department that cheapest and best of Engines—the incessant, irresistible flow and force of gravitation. The Hill would need no development, save a clump of trees, here and there, to interrupt a monotonous of symmetrical formation; occasionally, for ornament. At a fair price there could be no acquisition that would, in connection with the Public Garden at its base, so thoroughly and wisely complete and supplement the work hitherto outlined or achieved by this COMMISSION. An unfair or exorbitant price ought not to be paid even for the Garden of Eden. But it is scarcely supposable that men whose fortunes have been made, and are rapidly augmenting, because of the attractiveness and proximity of the PARK, should desire to grasp all,—conceding nothing. An expansion of the periphery of ELM PARK, causing it to abut upon a hundred acres, where it now comes in bare contact with one or a dozen, in itself brings back upon a returning tide that bread which far-sighted and prudent proprietors should voluntarily cast upon civic waters. The Assessors will doubtless ascertain when propinquity has lent value, hitherto: but there are men and women in this City who ought not to require a civic battery to startle their pocket nerve; and who, of all else, should be swiftest to perceive that their own good fortune, with the prosperity that has fallen into their lap,



cannot be dis-associated from the policy of the City, originated by this COMMISSION, that has so far fostered and developed their unearned increment.

The City of Worcester has formally assumed guardianship of the immemorial right of its inhabitants to the free and unrestricted use of a stone quarry;—because it is a common privilege and for the general benefit. The City of Worcester bounds—Eastwardly—hard upon four miles,—by or within one of the Great Ponds of the State—widely and favorably renowned as Lake Quinsigamond.\* The earliest settler, searching along its charming shores and slopes for a suitable site whereon to found

“A Church without a bishop,  
A State without a king,”

fell unwittingly upon an imposition of hands that well nigh raised his hair after a most uncanonical fashion. The recent emigrant from military duress in Alsace-Lorraine, or from Victoria's maternal caress in Ireland, haunts its shady nooks and finds welcome repose beside its pellucid waters. The newest arrival from Mammonia, canny and thrifty as becomes his nativity, dares that from which even William Hovey shrank; excavating the source of the Nipnapp—natural outlet of the Lake,—and reducing the volume of the entire sheet of water so that not even the frail shells of our local Boat Club can enjoy their lawfully acquired, if wrongful, easement or fee. The encroachment goes unrebuked, unchecked—is not even challenged! Shrewsbury, nor Worcester, have no interest in that lovely sheet of water. They are Issachar! and may pack their burdens,—the proper occupation for municipalities. They may dig sewers, if they do not drain; create veneers of health; condemn streets and assess betterments—the manna and quails of our modern pilgrimage. They are graciously allowed to locate Tele-graph! phone! any other? poles, at the dictation of the owners of a mercenary franchise, and to the detriment of the people who get no remuneration for the loss of their individual or corporate property. But the shore of the Lake must be *terra incognita!* its waters *mare clausum!*

---

\* See Appendices “A” and “B.”

The Lunatics of the State debar us from the Lake shore whereto we were cordially welcomed by plain Farmer Bowen; and a firm of mill-owners—aliens in fact if not at heart—plant themselves at the outlet of the Lake, determining what size of stream they can squeeze out for the Nipnapp; what volume of water shall be suffered to remain in a Lake that might merit mention with Katrine in any point of view,—were it only in the “wee sma’ hours.”

Were that WATER PARK established, recommended by this COMMISSION for more years than they care to recall, and throughout the whole time strenuously advocated; in the legal creation of which the co-operation of the intelligent and progressive Town of Shrewsbury might safely be assumed, as for every measure enuring to public advantage; there could be no difficulty in retaining a standard level for the Lake. But I Do Not blacks the shoes of I Care Not! and even if of angels the feet once divested of their coverings nowadays trouble no pool wherefrom healing can be derived.

*Lake Avenue* was decreed from the start, for and throughout its whole length. The consent of the Commonwealth, through its constituted authorities, had been previously accorded, and by every form of Law, under the decisions of the Supreme Court, the entire location, so much of which was originally constructed, is defined and determined as a Public Highway. But between that Avenue, protracted north from Belmont street according to the Decree, and the shore of the Lake, is a tract of land of undefined area, but of obvious advantage and convenience, for which the Commonwealth need have no uses to the exclusion of Worcester, and for which, if it would part with its ownership, it ought to accept a fair and moderate price. At present, Massachusetts owns here in Worcester a principality when, like her maniacs, she were better possessed of a devil so that only it could be cast out! Were it a private citizen, taxed for and obliged to improve or cultivate such an extensive territory, his despairing cry might well be, as he marshalled the procession, Assessors to the front! Next,—Overseers of the Poor! Worcester does somewhat in the way of out-door relief, even now; but whatsoever load she can

take from shoulders that are already bent beneath the weight of Hoosac Mountain shall be accounted to her credit in that school of the prophets which ever relucted at burdens grievous to be borne.

Thoroughly persuaded as was this Commission from the first, that the best interests of Worcester demand the acquirement, by the City, for the purposes of a *Common* or *Park*, of so much of the land lying between Lake Avenue and the Westerly shore of Quinsigamond Lake as the State will release; they have taken the pains to procure from the Registry of Deeds a statement in detail of territory and dollars, so far as they appear upon record, whereby title passed to and is now vested in the Commonwealth. *Register* Wilder will accept the thanks of the COMMISSION for the trouble to which he put himself,—a habit alike individual and hereditary.

[COPY.]

“COMMONWEALTH OF MASSACHUSETTS.

County of Worcester.

Registry of Deeds,

HARVEY B. WILDER, *Register*.

Worcester, Jan. 9, 1884.

EDWARD W. LINCOLN, Esq.,

DEAR SIR:—

I find a deed from John Bartlett to Trustees—Worcester Lunatic Hospital, of about  $\frac{1}{2}$  acre of land, dated Oct. 14, 1870; consideration named \$700.

Also a deed from Chas. Bowen to Trustees—Worcester Lunatic Hospital, of about 136 acres, dated Sept. 17, 1870, consideration named \$40,000.

Also a deed from Robert Taft, of Uxbridge, to Trustees—Worcester Lunatic Hospital, amount of land not given\*, dated Aug. 30, 1870; consideration named \$36,250.

Also a deed from Henry Prentice to Trustees—Worcester Lunatic Hospital, of about 32 $\frac{1}{4}$  acres, dated Sept. 14, 1870; consideration named \$20,500.

Also another deed from Henry Prentice to Trustees—Worcester Lunatic Hospital, of about 12 acres, 13 rods, dated Sept. 14, 1870; consideration named \$2,500.

Also a deed from Lucy A. Watson, Executrix of Will of Sam<sup>l</sup> B. Watson, to Trustees—Worcester Lunatic Hospital, of about 18 acres, 115 rods, dated Aug. 26, 1870; consideration named \$11,000.

Also a deed from John Bartlett and Silas Phillips and wife to Trustees—Worcester Lunatic Hospital, amount of land not named, dated April 24, 1871; consideration named \$2,500.

Yours truly,

HARVEY B. WILDER.”

---

\* The books of the Assessors disclose that the amount of land in question was estimated at Sixty-Two (62) acres: being valued for taxation at Five Thousand Dollars (\$5,000.)  
E. W. L.

The Commonwealth, it would thus appear, became and doubtless remains owner of something like 260 acres of land for which it paid the sum of \$113,450. The cost per acre varied widely ; but the tract upon which this Commission keep a covetous eye was purchased most cheaply of all.

Now why cannot this City at least get from the General Court, now in session, the terms upon which the Commonwealth will convey the tract in question, between Lake Avenue,—Northerly,—and the Lake itself, for the purposes of a *Common* or *Park* ? The effort would cost nothing, being a courteous and simple inquiry which might prove futile. But it is not probable that the State would decline to accede to our request to let us have, upon reasonable terms, a territory whereof our people formerly had the enjoyment, and of which they are now in actual need for holiday recreation and constant daily resort. As heretofore suggested in these Reports, ownership and police-supervision vested in this City need not impair a single existing right ; nor divest even the lunatic wards of the Commonwealth of a solitary liberty or privilege wherewith, so far as affects that land, they are now intrusted. It would merely enable Worcester to have a suitable *Common* or *Public Ground*.

The *Alderman* from Ward *Two* is the sole survivor, in official life, of that City Government which, thirty years ago, acquired ELM PARK. Not one of his associates of that day remains in the municipal service, by far the greater portion being employed upon Public Works in the Celestial City. What more fitting close to a long and useful career, in behalf of his fellow-citizens, could he desire, than to initiate the steps that will have to be taken preliminary to the acquisition from the Commonwealth of that land by the Lake Shore ? A careful guard over the public expenditure can never come amiss. But there are rare periods when a judicious exercise of the public credit shall earn a just meed of gratitude from the community that is, if lightly burdened, permanently blessed thereby. And, if there be, in fact,

“a tide in the affairs of men,  
Which, taken at the flood, leads on to fortune,”

he who, in civic counsels, shall evince the quickest perception of



the opportunity, following up such appreciation by prompt action, will realize most thoroughly the ideal of a consummate public servant:—one who recognizes and fears not to fulfil an absolute, imperative duty.

All which is respectfully submitted,

(by)

EDWARD WINSLOW LINCOLN,

*Chairman.*

*Worcester, Massachusetts, January 28th, A. D., 1884.*

## APPENDIX A.

As everything which concerns Lake Quinsigamond must be of great, and continue of increasing, interest to the population of this City, the subjoined description of that body of water, as it appeared to the careful observer, Fifty years since, is reproduced, from WILLIAM LINCOLN'S History of Worcester :—

“ Along the eastern boundary of Worcester, and partly within its territory, lies Quinsigamond Pond, sometimes called Long Pond, a beautiful sheet of water, which, in any other country, would be dignified with the name of *lake*. It extends from North to South, in crescent form, about four miles in length, presenting by reason of disproportionate breadth, the appearance of a noble river, with bold banks covered with wood, or swelling into green hills. There are twelve islands, varying in extent from a few square rods of surface to many acres. Some of them, of singular beauty, are still clothed with their original forests. At the South end, the waters, with those of Half-Moon, Round, and Flint's Ponds, which are connected with Quinsigamond, flow out in a South-Easterly direction into the town of Grafton, forming the stream anciently called ‘ Nipnapp River,’ now the little Blackstone, a principal tributary to the main stream. When the Blackstone Canal was constructed, the Ponds were raised by a dam, and made a reservoir for that work.\*

\* An estimate of the quantity of water contained in this reservoir, between high and low water mark, exhibiting the extent of surface, has been kindly furnished by Henry Snow, Esq., of Shrewsbury, made from actual admeasurement by that accurate surveyor. Low water is estimated at 2 feet 10 inches above the bottom of the flume at the Irish dam, for all water below the neck of Quinsigamond, and 1 foot 5 inches above the bottom of the flume at that point, for all above :

	<i>Surface :</i>		<i>Depth :</i>		<i>Cubic feet.</i>
	<i>Acres.</i>	<i>Rods.</i>	<i>Feet.</i>	<i>Inches.</i>	
Above the Old Road,	28	120	2	0	2,504,700
Quinsigamond,	437	06	3	3	61,871,398
“	17	31	2	3	1,746,415
Half-Moon Pond,	14	155	3	3	2,119,126
“ “	2	00	2	3	196,020
Flooded Meadows and					
River,	202	18	2	4	20,542,714
Round Pond,	6	50	3	3	893,660
Flint's Pond,	45	147	3	3	6,500,717
“	36	125	2	0	3,204,382

Making 99,579,135 cubic feet, rejecting minute fractions. About 21 millions of cubic feet cannot be drawn down by reason of the back water from the pond of the New England Village Factory.



## APPENDIX B.

---

A full description of this Pond, heartily appreciated by both the local historians, yet not even to this day fairly and fully estimated, is given at length as recited in Andrew H. Ward's History of Shrewsbury :—

\* \* \* \* \*

“ This pond was called by the natives, Quinsigamond Pond, but is now better known by the name of Long Pond; it lies partly in Shrewsbury, and whether the residue is in Shrewsbury or Worcester, will probably be a subject of future investigation. Worcester was laid out in 1668, to be bounded Easterly on Quinsigamond Pond, and when Shrewsbury was laid out in 1717, it was bounded by Worcester on the West. As Keyes' survey does not include all of the Pond in this town (why he departed from the line as originally established between Shrewsbury and Worcester is not known) it would seem, if he is correct, that a part of it belongs (and there are no islands in that part) to neither Town. Long Pond extends North and South; and is a very large body of water, nearly in the form of a crescent, and is about four miles in length on the western shore; yet, on a straight line, as measured on the ice, it is but little more than three miles; its width varies from one hundred rods to three-fourths of a mile; it is the largest body of water in the County, and deserves rather the name of a Lake, than a Pond.”

\* \* \* \* \*

“ There are several brooks, which empty their waters into this Pond. It is clustered with no less than twelve islands of various sizes. The first is Ram Island, at the West end of the Floating Bridge; it contains about two acres, and is mostly covered with wood. Little Pine Island, the second, is one and one-half mile down the Pond, it is about 40 rods from the Western shore; it contains half an acre, principally covered with small pines. The third is three rods South of the last, of one-fourth of an acre, covered with fruitful grape vines, and called Grape Island. The fourth is Grass Island, of one-eighth of an acre, mowed sometimes, and is twenty rods from Grape Island, and nearer the middle of the pond. Bowman's Island is the fifth, covered with wood, and lies Southeast twelve rods from Grass Island and contains three acres. The sixth is Bayberry Island, near the West shore, of about two acres. The seventh is Sherman's Island, of one and a half acre, near the east shore and covered with wood. Nearly South, and about thirty-five rods, is the eighth, called Grass Island, of one-eighth of an acre, and has been mowed. The ninth is called Shoe-Make Island, of one and a half acre, and is twenty-five rods south of Bayberry Island. The tenth is Sharp Pine Island,

of half an acre, and twenty-five rods south of Shoe-Make Island. The eleventh is a small Grass Island, half a mile south of Sharp Pine Island, of one-eighth of an acre, and twenty rods from the South-West corner of the Pond. The twelfth is called Stratton's Island, and contains one hundred and fifty acres, principally under cultivation, and has several families living upon it.

Some of the other islands are more or less cultivated, and are known by different names.

“Some idea of the boldness of the shores, the depth of the water, and the unevenness of the bottom of the pond, may be formed by viewing the land on its borders and adjacent to it. So large a body of water was not destined to lie always dormant and unimproved. This pond, and the others connected with it at the south end, unite in one outlet, which, passing in a South Easterly direction, enters the town of Grafton, and becomes a principal tributary to Blackstone River, upon which a canal is now constructing to Providence. This pond rises and falls, according as there are heavy rains and sudden thaws in the Spring, or dry seasons, about two feet; though it has been known to vary considerably more.”

\* \* \* \* \*

“Stratton Island is bounded on the west and north by Long Pond, on the east by Round Pond, south by Flint's Pond, and south-west by Half-Moon Pond; all of which communicate with each other. The communication of the waters on the southwesterly part of the Island between Half-Moon and Flint's Pond has been stopped by means of a gravel causeway having been constructed there. The outlet from Long Pond is into Round Pond, and is at the North-East corner of the Island; it is very narrow, and by means of a short bridge, the Island and the main land are connected. A dam was erected here about four years ago, at a trifling expense, with a small flume and gate; by means of which the water was raised in the Pond several feet; yet, on account of its steep banks, it did not overflow so much land as might naturally have been expected. It is now in contemplation by means of a dam at this place, to raise the water still higher (from four to nine feet), for the purpose of procuring and retaining a head of water sufficient for the use of mills, &c., situated below, and manufacturing establishments about to be erected there.”

It would thus appear, from contemporary history, that there was a time when the Lake maintained a definite, scarcely fluctuating level. Could the youthful Athletes of the Quinsigamond *Boat Club*; who find intermittent occupation in screaming farce, and occasional pastime in *dolce far niente* boating; enlist their superfluous languor in any better cause than this,—of guarding and securing that peerless sheet of water in its pristine integrity?

E. W. L.

## SUPPLEMENT.

---

The subjoined special communication was addressed to the City Council, because of the imperative necessity therein indicated for certain Legislative action :—

### COMMISSION OF PUBLIC GROUNDS.

Worcester, Massachusetts.

*Worcester, Mass., January 22d, A. D. 1884.*

TO THE HONORABLE CITY COUNCIL :

The Commission of Public Grounds would represent that they are painfully impressed with the insufficiency of the Commons and Parks, belonging to the City, for its present uses, to say nothing of its imperative future necessities. They simply ask each member of the City Council to reflect upon the distance to which the City has expanded within his individual memory.

Shall no provision be made for the future? In their Annual Report, simultaneously offered, the Commission have gone into this matter at length. What they would now submit for your consideration is, briefly, as follows :

Assuming that Commons or Parks are essential to the beauty, comfort, and development of a City such as Worcester is and trusts to continue,—shall this living generation take any steps to provide them? If yes? When and where?

As to the when,—why not now? Thirty years have elapsed, this coming March, since Worcester acquired Elm Park. Of all the members of the City Government who participated in that sagacious measure, the efficient Alderman from Ward Two alone survives in official life and in perennial vigor. Is it not time to take a fresh departure?

The Commission would most earnestly ask the Honorable Council to acquire Newton Hill for the City and add it to Elm Park, in the full conviction that no measure would so fully commend itself, not alone to those who have taxes to pay but to those who should, now and then, be privileged to enjoy free air and soil. They would submit to no extortion. The Act empowering the City to buy and hold that Hill for the purpose of a Reservoir and Park will soon expire by its own limitation. The Commission advise that the City

insist upon a restoration of the right to take; a right once accepted by a three-quarters popular vote, and subsequently eliminated from the Act through misrepresentation that it is not worth the while to expose.

And the Commission would also most urgently impress upon the Honorable Council the wisdom and necessity of obtaining, from the Commonwealth, that large tract of land lying along the westerly shore of Lake Quinsigamond, between Lake Avenue, as decreed, and low-water mark. It should be available; it should be obtainable at a fair price; the Commonwealth ought to be grateful to a purchaser that will give something for it and yet leave it in common; and it can be made still more accessible by the probable future extension of the Worcester & Shrewsbury Railroad, to Northborough and Marlborough. The sum paid by Massachusetts, for its entire freehold by the Lake, as stated upon the Registry, is set forth by the Commission, in their Annual Report. How much or little the State would part with; how little or much should satisfy the wants of an active growing City like Worcester; the Commission prefer not to estimate, leaving the decision where it must ultimately rest, with the Honorable Council subject to the General Court.

The Commission are not unmindful of the fact that different parts of the City have, or think they have, pressing wants of a similar nature. Their original plan of a Broad Avenue encircling the City was intended to supply such necessities in a measure where they could not be met otherwise. But just now they confine themselves to projects that are of imminent consequence; that would appear to be of possible realization; and that would, if achieved, give such an impulse to the future fortunes of Worcester as to place it beyond all reach of envy, hatred, or malice.

No debt should be incurred without good reason. No opportunity should be lost, for lack of reason. Parks may be luxuries in the judgment of some who will be beyond hearing, when posterity vents its maledictions upon those who buried their talent in a napkin. Yet reflect, Gentlemen of the City Council! A Common, of somewhat less than Eight Acres, due to the forethought and self denial of men who were probably never in their whole lives, possessed of One Hundred dollars in ready cash!

And a Park, or Public Garden, of Twenty-Eight acres, for which you may thank men who were esteemed ultra conservative in their day and generation,—“old fogies”—as the slang phrase was; but whose little finger upon the throttle was thicker, as it seems at this distance from the event, than all your loins as they bear heavily upon the brakes.

Shall not the City of Worcester repose some trust in the future?

Put some investment at interest, letting posterity for whom the debt was incurred, gladly pay the principal?

Shall she not afford her sons and daughters some little cheer; some trifling respite by hill or dale from grinding toil; though the return should be slightly less than cent per cent as reckoned upon the ledger, perhaps only a deposit where moth and rust do not corrupt, and where Barre & Gardner is neither watered nor preferred.

In this, his fifteenth and final year of official service, the Chairman of the Commission appeals to you, Gentlemen of the City Council, to advance the



City. In the ordinary course of nature, he could not be always pleading with you. In the logical sequence of events, it ought not to be required. For the men of this especial Worcester have ever approved themselves equal to any emergency; have never yet failed to perceive the apt occasion; and will not omit, when their attention is arrested, to deserve and achieve a newer and more "crowning mercy."

All which is respectfully submitted for the Commission

(by)

EDWARD WINSLOW LINCOLN,

*Chairman.*

It was referred to a joint special Committee, consisting of *His Honor* Mayor Reed, *Aldermen* Thayer and Porter; with *President* Parker and *Councilmen* Rich, Gallagher, and Whitney.

*Dirge :*

"The City of Worcester, in Massachusetts, has an annual report upon its Parks and Trees which ranks among the eccentricities of official literature. This year the condensation of it is only three columns long. We regret that the *Courant* hasn't room to reprint the whole, but we take pleasure in publishing its closing paragraph. It is unique, and we might add opaque, also."—Hartford (Ct.) *Courant* : Jan. 31, 1883. (Copied into the *Spy*.)

NOTE : If a thing is *unique*, surely a fellow-feeling might commend it to the "Gentleman-In-Politics!" "Eunuch, did you call him, sir? John! stir the lion up!" &c., &c.

The writer of these Reports addresses himself to the meridian of Worcester, and hapless Hartford is elsewhere located. The Transit of Venus was adapted to observation in Connecticut—but Hartford could not see! "Opaque," eh?

"He that has light within his own clear breast,

"May sit i' th' centre, and enjoy bright day."

"Opaque" John Milton.

But seriously,—may not an official report, in Worcester (whether in condensation or diffusion matters little), be addressed to its local constituency, without keeping both eyes upon the Hartford *Retreat* ! If this is all that *Dr.* Butler achieved in the devotion of a life-time, had he not better stayed in Worcester ?

The writer has never forgotten that if he had occasion to appeal to the brain of Connecticut, and not to the belly of the Putnam Phalanx, he must keep New Haven steadily in view.

E. W. L.





# 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, Assistant City Engineer* and *Water Registrar*, for the year ending November 30th, 1883.

For all details we refer to these reports, from which it will be observed that the past year has been a busy one for the department.

### WATER SUPPLY.

The subject of an additional supply of water for our city has occupied much of the attention of Water Committees for several years, and the adjustment of the question in all its phases proved no easy task. The report submitted to the City Council by the Committee of last year being adopted, the initiative step was taken, and in January of the present year orders were prepared for the taking of the water of Tatnuck Brook, and for the purchase of such iron pipe as might be needed, which orders passed the Council February 6th, 1883. The work pertaining to the Reservoirs and Pipe Line involved much time and labor, and was performed, under the supervision of sub-committees, to their satisfaction. The season was remarkably propitious for the enterprise, and the delay in the progress of the work, by reason of

inclement weather, was so slight that no detriment was experienced. No accident of a serious nature occurred, which fact, considering the magnitude and nature of the work, was something unusual.

The work was virtually completed November 27th, 1883, when your Committee realized a relief from responsibilities which were attended with duties of no ordinary nature. They have the satisfaction of knowing that the long contemplated question of an additional supply of water has been settled, and can naturally, with some degree of pride, review their participation in the attainments of results so beneficial to the interests of a large and growing community. They deem it a privilege afforded them in stating that the new source is being practically utilized, which, in a great measure, rewards them for efforts made in achieving such a desired object.

The accomplishment of the work occurred none too early, for without a rain-fall of unusual amount, the present supply of water stored will hardly prove adequate to the expected demands for the next three months.

The cost of the New Supply will of course augment the city debt, but when the constant growth of the city, with the urgent necessity for a further supply is considered, the expense created in securing it will seem a lighter burden to our citizens, and prove a rich legacy to bestow upon coming generations.

Boundary lines have been established for land in Holden taken by the city, and the matter of land damages will subsequently require attention.

The total cost of the work of New Supply to December 1st, 1883, exclusive of land damages, is \$223,574.34.

#### THE DEPARTMENT.

A large amount of work has been performed by the department foreign to that pertaining to the new pipe line to Holden. Numerous petitions for the extension of mains were granted, and a larger number of services were laid than in any previous season for ten years. A large quantity of cement lined street mains

has been taken up or discarded, and new cast iron mains substituted therefor.

The short supply of water necessitated pumping part of the season, which work ceased October 9th, 1883.

We refer to the reports\* of the Commissioner and Registrar for details of the Account for Construction and Maintenance, which in the aggregate shows that the past year has been one of unusual activity.

#### RESERVOIRS.

Five Reservoirs are now owned by the city, which are in good condition. The land adjacent to Bell Pond was purchased last year, and early this season buildings were removed, and the surroundings placed in better condition than ever before. This basin is a valuable auxiliary to our water system, and the money expended in improving it has been wisely disbursed. Under the direction of the Commissioner, Lynde Brook Reservoir has received much attention, and a great abundance of vegetable matter, stumps, and *débris* has been removed. The channel above the road has been widened and straightened, a substantial stone wall has been extended on the boundary line of the basin, which improvements are in marked contrast to the former state of things in this locality.

The basin of the Holden Reservoir has been cleared and burned over; the channel between the upper and lower reservoirs has been cleaned; and no pains spared in effecting results which would insure a good quality of water, and there is no apparent reason why it should not be excellent.

S. E. HILDRETH,	}	<i>Joint Standing Committee on Water.</i>
CHAS. G. REED,		
JOHN G. BRADY,		
E. O. PARKER,		
BENJ. BOOTH,		
D. J. SAVAGE,		
B. W. CHILDS,		

Worcester, December 17th, 1883.

# REPORT

OF THE

## WATER COMMISSIONER.

---

*To the Joint Standing Committee on Water :*

The Commissioner's annual report of the operations of the Department for the year ending November 30, 1883, is respectfully presented.

### LYNDE BROOK RESERVOIR.

The water in this reservoir has been of uniform quality, but in quantity not equal to the consumption. The deficiency was supplied by pumping at New Worcester from Tatnuck Brook. In Table A is given the record of the daily height of water in this reservoir, also the rainfall.

By referring to this table it will be seen there was a gradual loss from November 30, the date of the last report, to January 12, and a gain from this time to June 12, when 32.83 feet was the highest elevation for the year, or 4.57 feet below the rollway. November 30 of this year there was 24 feet on hand or two hundred and sixty-one million, nine hundred and ninety-nine thousand gallons. The brook above the reservoir has been turned from its former crooked course into a new trench which has been dug as far north as land owned by the city, so that in time of severe storm the water will be confined to one trench and not overflow the valley as formerly. The gate houses and horse shed have been painted, the extension of the wall, and the land around the reservoir have received the usual attention, while many of the stumps have been taken out and some of the mud removed from the bottom.

### BELL POND.

This reservoir has not been full since it was partially cleaned in 1882, owing to the severe drought and the increased use from here, but it has been filled from Lynde Brook Reservoir. No



complaint has been made of the quality of the water since the reservoir was cleaned, though with low water it is plainly seen that not enough was done. There is evidence of a leak at the north-easterly corner of the reservoir, which is thought to come through a culvert leading from the pond, and should be repaired in warm weather. The buildings have been removed from the land at the westerly end of the pond and the land will be sown with grass in the Spring.

#### HUNT RESERVOIR.

The calls upon the department have been so frequent that nothing has been done here.

The fence should have some repairs and be painted next season and some work done on the embankment to prevent future wash by rains.

#### NEW SUPPLY.

A contract was made, March 7th, with A. H. McNeal of Burlington, N. J., to furnish the twenty, twenty-four and thirty-inch pipe for the new pipe line from the Tatnuck Brook distributing reservoir to Main street for thirty-five and  $\frac{8.5}{100}$  dollars per ton of 2,240 pounds, delivered in Worcester.

The contract for drawing the pipe from the cars to the line of work was given to H. S. Pike, for sixty-seven cents per ton. These parties presenting the lowest bids in each case.

Work on this line was commenced May 1st and continued without interruption till the line was completed from the distributing reservoir to Main street, October 10th, two days after the last invoice of pipe was received in Worcester. Thirty-inch pipe was laid from the reservoir to the intersection of Chandler and Mill streets; twenty-four-inch in Chandler street from Mill street to Park Avenue; and twenty-inch from Park Avenue to Main street. The four and eight-inch pipe in Chandler street from Abbott to Main street was taken out and all street, hydrant and service connections were made with the new line. Two hydrants were set in Tatnuck, one at the corner of Pleasant street and the other at the corner of Mill street. One at the corner of May street and another at the corner of June street. Most of the

houses along the line are now connected and supplied with water. A pipe has been laid through June street to May street, and a petition is now before you for a pipe in Pleasant street from Chandler street easterly.

The cost of pipe line is as follows :—

For Pipe and special castings,	\$93,271 26
Valves and hydrants,	3,191 15
Lead,	3,658 36
Freight and trucking,	2,702 08
Powder and fuse,	209 27
Labor (men),	27,359 80
Transportation (men),	1,878 46
Packing, fuel and cement,	244 49
Traveling expenses,	142 87
Engineering,	97 22
Repairing sewer,	82 45
	<hr/>
	\$132,837 41

Length of new supply pipe line 22,120 feet or 4.19 miles as follows :—

20 in.,	4,346 feet.
24 “	10,714 “
30 “	7,060 “
	<hr/>
Total,	22,120 feet.

#### STREET MAINS.

All the mains ordered by the City Council have been laid except Bloomingdale street, which will be laid as soon as the pipe is received.

Table B shows the streets where mains have been laid this year and the number of feet laid, with the number of gates and hydrants in each street, also the number of feet re-laid. Pipe laid for extension of mains 27,771 feet to replace pipe taken out 10,074 feet, making the total length of pipe laid 37,845 feet.

The building of the new bridge over Cambridge street, on line of the Providence & Worcester R. R. required that 760 feet of the 16-inch high service pipe in Cambridge street be changed to conform to the new grade of the street.

The number of feet of wrought iron cement-lined pipe taken out or abandoned is 11,161.

As considerable apprehension exists in the minds of many of our citizens relative to the merits of wrought iron cement-lined pipe as compared with cast iron, it may be well to mention some of the reasons for the changes made. In Providence street the cement pipe was laid for a light pressure in 1864. In 1872 a connection was made with the high service and this pipe subjected to a pressure of from ninety to one hundred pounds per square inch, and has frequently burst, sometimes doing extensive damage to the highways and also to private property.

East Worcester street was re-laid because of the close proximity of the sewer trench and water pipe, and the sandy soil causing a settling of the pipe, so that a slight change in location was necessary.

Hudson street pipe was burst by lightning during the shower of June 8th, nearly the entire length of the street.

The grade of Piedmont street has been changed since the pipe was laid, so that the pipe was from nine to twelve feet below the surface, making unusual expense for all street, hydrant and service connections that were called for.

A change in the grade of Southbridge and Lafayette streets last year necessitated a change of pipe in this locality.

The pipe in Chandler street was of too small diameter to be used in connection with the new line from Tatnuck Brook.

A careful investigation will no doubt convince all of the wisdom of the Water Committee of 1864 who, after extended investigation, decided upon this kind of pipe, in that time of fluctuation in prices, especially when the difference in price between this and cast iron, revenue from the sale of water, protection from fire, and the many indirect advantages that follow the introduction of water are considered.

The number of hydrants set this year is twenty-eight, located as follows:—

Ætna street, corner Providence street.

Ascension street, corner Bloomingdale street.

Baker street, corner Wayne street.

Cambridge street, opposite Cambridge street place.

Camp street, between Southgate and Cambridge streets.

Chandler street, between King and Queen streets.

Chandler street, corner Bellevue street.

Chandler street, corner June street.  
Chandler street, corner May street.  
Chandler street, corner Mill street.  
Chandler street, corner Pleasant street.  
Colton street, corner Washburn street.  
Douglas street, corner Douglas court.  
Douglas street, corner Cambridge street.  
Endicott street, between Ward and Vernon streets.  
Grand street, corner Douglas street.  
Grand street, corner Grand street court.  
Hacker street, corner Hacker court.  
Hacker street, corner Cambridge street.  
Hanover street, between Kendall and Belmont streets.  
Illinois street, corner Grand street.  
Illinois street, corner Gates street.  
June street, corner May street.  
Mason street, corner Parker street.  
Mitchell street, at west end of street west of Wire Mill.  
Musquego street, corner Albany street.  
Pattison street, corner Batchelder street.  
Prospect street, opposite Normal street.

Gates set during the year, twenty-six.

Table C shows the number of service pipes, with the amount of pipe in feet and miles. Number of service pipes put in, four hundred and fifty-nine. Number feet of service pipe laid, 21,552. Pipe laid for temporary mains, 8,023 feet, the expense being charged to the parties supplied.

Meters set during the year, five hundred and nine; making five thousand one hundred and ninety-seven now in use.

Bills have been rendered to the Treasurer, for labor and materials, \$21,593.85.

The value of stock and tools on hand November 30, as per inventory, is \$40,194.80.

Number of leaks repaired, one hundred and forty-seven. On cement pipe ninety-seven, on cast iron pipe twenty-four, on service pipe twenty-four, on hydrant and stop one each. Thirteen hydrant boxes, seventy-three gate boxes and seventy stop boxes have been replaced. One hundred and eighty-five service pipes have been cleaned out.

Respectfully submitted.

FRANK E. HALL,  
*Water Commissioner.*

WORCESTER, December 20, 1883.



# T A B L E B .

LENGTH AND SIZE OF PIPE LAID AND NUMBER OF GATES AND HYDRANTS PUT IN DURING THE YEAR.

## REPORT OF WATER COMMISSIONER.

183

STREET.	LOCATION.	PIPE.		No. of Hydrants.	No. of Gates.
		Size.	Lgth. in ft.		
13 Ætna Street,	From Providence Street.	6	16.	1	1
Albany Street,	" Musquago Street east.	6	83.		
Ascension Street,	" Norfolk Street to B. & A. R. R.	6	14.	1	
" "		{	311.		
" "		2	150.		
Baker Street,	" Southgate Street to Cambridge Street.	6	900.	1	2
Camp Street,				1	
Cambridge Street,				1	
Chandler Street,	" Main Street to Park Avenue.	20	4346.	2	4
" "	" Park Avenue to Mill Street.	24	10714.	3	4
" "	" Mill Street to Pleasant Street.	30	800.	1	1
Colton Street,	" Southbridge Street to Washburn Street.	6	497.	1	1
Crescent Street,	" Extension northerly.	6	302.		
Douglas Street,	" Grand Street to Cambridge Street.	6	873.	2	1
East Worcester Street,	" Shrewsbury Street to Henry Street.	6	926.		
Endicott Street,	" Ward Street to Vernon Street.	6	970.	1	2
Grand Street,	" Southgate Street to Grand Street Place.	6	691.	2	1
Hacker Street,	" Southgate Street to Cambridge Street.	6	718.	2	2
Hanover Street,	" Kendall Street to Belmont Street.	6	628.	1	1
Hudson Street,	" Pleasant Street to Townsend Street.	6	700.		
Illinois Street,	" Grand Street to Gates Street.	6	527.	2	1
June Street,	" Chandler Street to May Street.	{	758.	1	1
" "		8	50.		
Lafayette Street,	" Southbridge Street.	12	159.		
Mason Street,	" Parker Street, northerly	6	284.	1	1
Mitchell Street,	" Pitt Street westerly.	4	441.		
Mower Street,	" Pleasant Street to Olean Street.	30	892.		
Musquago Street,	" Shrewsbury Street to Albany Street.	6	408.	1	1
Norwich Street,	" Foster Street to Mechanic Street.	4	358.		2



TABLE B.—CONTINUED.

STREET.	LOCATION.	PIPE.		No. of Hyd'nts.	No. of Gates.
		Size.	Length, in ft.		
Olean Street, Parker Street, Pattison Street, Piedmont Street, Prospect Street, Providence Street, Southbridge Street,	From Mower Street and through lot to lower reservoir.	30	5368.		2
	" Park Avenue to Mason Street.	6	632.		
	" Boylston Court to Arlington Street.	6	480.	1	
	" Main Street to Austin Street.	8	1932.		
	" Eastern Avenue to Normal Street.	6	443.	1	1
	" Union Avenue to Winthrop Street.	6	1106.		
	Lafayette Street south.	12	368.		
	CEMENT-LINED PIPE TAKEN OUT.			28	29
Chandler Street,	From Main Street to Abbott Street.	4	37,845.		
"		{	2968.		
East Worcester Street,	" Shrewsbury Street to Henry Street.	8	1672.		
Hudson Street,	" Pleasant Street to Townsend Street.	6	926.		
Lafayette Street,	" Southbridge Street.	4	700.		
Hanover Street,	" Kendall Street.	10	159.		
Piedmont Street,	" Main Street to Austin Street.	3	243.		
Providence Street,	" Harrison Street to Winthrop Street.	6	1932.		
Southbridge Street,	" Lafayette south.	12	2193.		
			368.		
			11,161.		

TABLE C.

SERVICE PIPE LAID TO NOVEMBER 30, 1883.

	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	6,009.5	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	.992	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
1883	9,237.10	1.749	12,315.10	2.332	459
	145,755.78	27.602	146,636.62	27.770	6,367

# TABLE D.

LENGTH AND SIZE OF PIPE LAID AND NUMBER OF GATES AND HYDRANTS PUT IN TO NOVEMBER 30, 1883.

	2 inch.	3 inch.	4 inch.	5 inch.	6 inch.	8 inch.	10 inch.	12 inch.	16 inch.	18 inch.	20 inch.	24 in.	30 in.	Miles.	Gates.	H'd's
Prior to 1883	13,691.65	8,238.25	135,735.76	1,487	95,105.78	76,615.47	12,938.16	36,909.75	55,148	1,980	15,186	700		85.80	769	690
1883	150		1,110		11,957	1,982		527			4,346	10,714	7,060	7.17	29	28
Total,	13,841.65	8,238.25	136,845.76	1,487	107,061.78	78,597.47	12,938.16	37,436.75	55,148	1,980	19,532	11,414	7,060	92.97	798	718
Pipe taken up		243	3,668		5,051	1,672	159	368						2.11		
Total in feet,	13,841.65	7,995.25	133,177.76	1,487	102,010.78	76,925.47	12,779.16	37,068.75	55,148	1,980	19,532	11,414	7,060			
Miles,	2.62	1.51	25.22	.282	19.32	14.57	2.42	7.02	10.45	.375	3.69	2.16	1.34	90.86	798	718

# REPORT

## OF THE

# WATER REGISTRAR.

---

*To the Joint Standing Committee on Water :*

GENTLEMEN :—The following report is respectfully submitted for the year ending November 30th, 1883 :

Four hundred and sixty (460) applications for water were received during the year, and four hundred and fifty-nine (459) service pipes were laid, including ten (10) applied for but not granted last season. Eleven (11) applications remain to be acted upon next year.

Bills for water have been rendered to the City Treasurer for collection, as follows :

For Metered Water . . . . .	9,792 . . . . .	amounting to \$89,410 25
Annual Rates . . . . .	1,985 . . . . .	“ “ 16,014 46
Total,	<u>11,777</u>	<u>\$105,424 71</u>

The amount of revenue received from water rates for the financial year was \$100,635.85.

The amount of uncollected bills in the hands of the City Treasurer, December 1st, 1883, was \$12,199.06.

The amount appropriated from Water Rates to Sinking Funds was \$47,058.41.

The water was shut off from the premises of eight takers on account of non-payment of bills, and in cases of settlement immediately turned on.

During the year the sum of \$5,696.55 has been deducted from the amount charged for water rates and metered water, owing to the adjustment of bills of water takers, votes of the Committee and for other causes. Of this amount the sum of \$1,941.11 is for metered water bills now in litigation.

The quantity of measured water furnished during the twelve months ending September 30th, 1883, inclusive of water used for street watering, waste, and leakage, was as follows :

From October, 1882, to April, 1883, . . . . .	209,243,539	gallons.
April, 1883, to October, 1883, . . . . .	227,671,468	"
Total,	436,915,007	

### METERS.

During the year five hundred and nine (509) meters have been placed upon the works, and the total number in use at the present time is five thousand one hundred and ninety-seven (5,197), the sizes and kinds of which are given below :

KINDS.	SIZES.								
	$\frac{3}{8}$	$\frac{3}{4}$	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.	8 in.
Union, Piston .	1,479	297	61	8	14	. . .	1	. . .	. . .
Union, Rotary .	2,169	110	40	24	68	13	3	1	1
Desper . . . .	849	34	2	. . .	. . .	. . .	. . .	. . .	. . .
Crown . . . .	4	. . .	. . .	. . .	1	. . .	. . .	. . .	. . .
Gem . . . . .	10	. . .	1	. . .	1	. . .	3	. . .	. . .
Worthington .	. . .	3	. . .	. . .	. . .	. . .	. . .	. . .	. . .

Nearly every application for a service the past season was accompanied by an order for a meter, a fact which certainly intimates that inducements are offered the consumer in the rates for measured water. Water furnished for less than one cent a barrel can be safely classed in the list of cheap luxuries, and so long as the water taker directs his efforts for the prevention of wilful waste or careless use of water the payment of the tax imposed ought to be cheerfully made. The rates now established in this city are lower than those assessed in thirty cities and



towns from which returns are received. I have heretofore advocated the propriety of having a minimum rate, and still maintain the justice of establishing such a standard in our city, in support of which allow me to offer a few reasons. The time devoted in procuring the monthly registration of meters, the transfer of the same to proper books and the rendition and collection of bills to the amount of fifty cents, entails as much expense upon the city as would a tax of fifty dollars. When a minimum sum is charged such as does not exceed the cost of maintaining a cistern or pump for a family, or when a rate is assessed a dwelling having sinks, water closets, bath tubs, etc., is less than expense incurred before city water was introduced, the charge cannot consistently be deemed exorbitant. When the high price of meters prevented a universal demand for them, many water takers dissatisfied with rates by fixture schedule, expressed a willingness to pay ten dollars annually, asserting that benefits received from city water warranted such an assessment. Subsequently, however, attaching a meter and learning that their bills were much less than anticipated, their opinions as to the worth of water faded away, and satisfaction is evidently obtained in ascertaining how small a quantity of water will float them along. Many instances occur where families are stinted in the use of water by avaricious and parsimonious landlords, and false economy often prevents a quantity of water being used which is actually sufficient for sanitary needs. Many more arguments could be advanced in favor of the adoption of a minimum rate which would command attention.

#### WATER SUPPLY.

The absolute necessity for an ample supply of water for our city was never more clearly demonstrated than it has been during the past season. In all sections of the city wells failed to furnish a quantity sufficient for domestic use, and the number of applicants for city water exceeded any for ten years. The value of an abundant supply of water cannot be over-estimated when protection of property from fire, the sanitary benefits which our citizens desire, and the purity of the water obtained is duly

considered. The new additional supply for which you as a Committee have spared no pains in effecting a speedy utilization will prove a priceless treasure to our city. The consummation of an enterprise which has been agitated for so many years reflects great credit upon your management of the undertaking and cannot fail to result in a blessing to the community.

#### REMARKS.

The daily routine of business in the water department embraces details which increase in number annually and are as varied as the changes in a kaleidoscope. To thoroughly satisfy the hundreds of water takers that visit the office with demands which they think reasonable, would require what the officials consider a sacrifice of the interests of their employers. Many persons appear unwilling to grant the same rights to the city which they would not hesitate to allow an individual under similar circumstances.

The fact that a large bill is incurred by reason of waste of water owing to defective fixtures, or caused by careless or wilful tenants, does not warrant a request that the city should suffer a loss. The city furnishes a commodity at a certain price in the same manner as a merchant furnishes his goods.

The pecuniary value of water is being speedily recognized, and the old theory that "water is as free as air" is pleasant to dwell upon, but when a bomb from the columns of General Expense explodes in the camp of the tax payers, the effect produced is the realization of the intrinsic value of a water supply.

Respectfully submitted.

J. STEWART BROWN,

*Water Registrar.*

WORCESTER, December 17, 1883.

# REPORT OF THE ENGINEER

IN CHARGE OF CONSTRUCTION OF

## DAM AND RESERVOIR ON TATNUCK BROOK

TO THE COMMITTEE ON WATER.

---

*To the Joint Standing Committee on Water :*

GENTLEMEN.—In the absence of the City Engineer, the undersigned would beg leave to submit the following report of work done under his direction in procuring a supply of pure water from Tatnuck Brook.

The work to be done was the repair of a dam for a storage reservoir, the construction of a distributing reservoir and laying of a line of 30, 24 and 20-inch pipe from the distributing reservoir to Main street.

### STORAGE RESERVOIR.

The storage reservoir is situated in the south-westerly part of the Town of Holden, and upwards of five miles north-westerly of the City Hall.

The work consisted of repairing and strengthening a dam formerly used by the mill owners on the stream, and built in 1865, the construction of a gate-house, a pipe line through the dam and the building of a new rollway. It having been decided by your sub-committee on building dam, to board the workmen on the premises, work was commenced on the necessary buildings on May 7th. A boarding-house was erected for the accommodation of 100 men, and afterwards enlarged to accommodate 130 beside the employés of the house. A barn for 20 horses, a shed, blacksmith shop and cement shed were also built, and work com-

menced on the dam May 14th. A temporary dam about 50 feet above the old dam, 6.0 feet high and 242 feet long, was made across the pond by dumping from wheelbarrows. A flume about 80 feet long, 4 feet wide and 3 feet high, carried the water from the pond to a 30-inch pipe already laid through the dam. These were completed about June 1st. This dam and flume were built that the foundations of the embankment and spiling wall might be kept free from water. They answered the purpose admirably, and gave no trouble from leaking. The removal of the old slope paving was commenced at once, and proved to be slow and expensive work. There was a thickness at the foot of the slope of from 10 to 15 feet, of stone, mostly embedded in mud, and very slow and difficult to remove. A large portion of the upper part of the paving was used directly in the spiling wall, and the convenience and ease with which the stone were procured made a considerable saving in the expense of the same.

The spiling wall was located at the foot of and partly in the upper slope of the old dam.

A trench was dug for the foundation, most of the distance from 6.5 feet to 7.5 and 8.0 feet below the level of the mud in the bed of the pond. The depth of mud was usually two or three feet, and the excavation below, through clay, and still lower, a mixture of clay and gravel increasing in hardness and compactness as the depth increased. The foundation throughout the whole length was excellent. The masonry was built against the down stream side of the trench, and wherever sheeting was used it was left in place and the top of the plank cut off as low as practicable. The amount of water percolating into the foundation trench was at no time large, and almost wholly from the pond side. One man with a hand pump was able to readily drain the trench at any time. No springs were encountered. At one point the water made its way into the trench quite freely; this was confined in a chimney which was raised as the filling proceeded.

After being allowed some time to develop itself, it was found to only rise to the height of the water in the pond.

Finally on September 4th, the water was pumped out and the



chimney filled with pure liquid cement—125 gallons being used ; it was allowed a few days to harden, when the embankment was filled over it.

The length of the spiling wall is 370 feet, its thickness from 4 feet to 5 feet, and its height from 4.5 feet at the ends, to 18 feet at its crossing of the natural channel of the brook. The greater portion is from 15 to 17 feet high. The top of the wall is 11.5 feet below the crest of the over-fall stone in the rollway, and its up stream face 29 feet from the top line of the upper slope of the embankment as finished. The stone were small-sized field cobbles from the old slope paving, all carefully cleaned and laid by hand in cement mortar composed of two parts of sand and one part best hydraulic cement. The faces of the wall were left rough and uneven. With the exception of a gap for the flume, the wall was finished about August 10th, and the gap closed about September 5th.

The pipe line through the dam was located at the extreme east-erly end. It consists of two lines of 30-inch cast iron pipe, laid 12 inches to 14 inches apart, weighing 400 lbs. to the foot in length, and  $1\frac{1}{4}$  inches in thickness, ending at the upper end in a gate house, and each line controlled by a 30-inch gate. Above the gate house the water flows in an open trench to the pipes. The pipe line runs at right angles to the centre line of the dam from the gate house to the top line of the lower slope, then turns an angle of 50 degrees toward the centre of the dam, and ends near the natural channel of the brook. The open trench is 240 feet in length, from 11 feet to 19 feet in depth, and runs to deep water in the pond. Excavation on the pipe trench was commenced as soon as possible, the ground cleared of a thick growth of wood, and the work progressed as rapidly as circumstances would permit. The bottom width of the trench was from 8 to 9 feet, near the gate house, *more*, and its depth from 10 to 24 feet. The object of locating the pipes at this point, was to have them pass through a ledge cutting ; this ledge was soon encountered, and was found to extend nearly from end to end of both pipe and open trenches.

The total length of trench is 535 feet, of which more than 400 feet was from 4 to 10 feet in depth in rock ; the greatest depth



being at the end of the dam. This rock was very hard to remove, but although hindering the work to some extent, it answered the purpose, and made a most substantial foundation for the pipes, gates and gate house.

A portion of the pipes were laid in the latter part of July, and the remainder, including the gates, was finished August 24th. The westerly line of pipe, 287 feet long, terminates in the gate house—the easterly line, 297 feet long, runs through the up stream wall of the gate house, and is arranged to draw water from the bottom of the pond only ; this pipe will draw within 21 inches of the extreme bottom of the pond.

The upper end of these pipes is 20.1 feet below the crest of the over-fall stone in the rollway, and have a fall of two feet to the outlet.

The lower end of the trench was filled with earth, but 72 feet of the upper portion of the pipes were imbedded in, and surrounded by, masonry.

In the bottom and sides of the cutting great care was taken to clear away all loose and seamy chips and stone, the ledge was carefully cleaned and washed, and all possible care taken to insure a perfect piece of work. The masonry was carried one foot higher than the tops of the pipes. On the line of the top of the lower slope of the dam, there is a main cut-off wall, four feet thick at top, built to within three feet of the top of the dam. At the westerly end, above the ledge, the wall extends 17 feet into the solid bank and dam. Where uncovered, the ledge was smooth and free from cracks or seams. On the easterly side, the wall extends into, and becomes a part of the rollway. Between this main wall and the gate house, there is another cut-off wall extending to the top of the ledge. Below the main cut-off wall, there are too others, similar to the last described. At the outlet of the pipes there is an end wall, extending 3 feet below the bottom, and 2 feet above the top of the pipes.

This wall connects with the one at the lower end of the rollway, and effectually cuts off any back wash of the water flowing from the pipes. For a distance of 20 feet from the outlet of the pipes, there is a cement paving 2 feet thick, and from that point

to the channel of the stream the surface is covered with a loose rip-rap.

The gate house is built of cut stone, backed by rubble masonry, and cemented inside; it is 10.5x8.0 feet inside, with walls 6 feet thick at the bottom, 5.3 at the top and 25.0 feet high from bottom of waste pipe. This is surmounted by a house built of wood, containing the gate hoisting apparatus. On the up stream face there is an opening 3 feet wide, extending down to within 3 feet of the bottom of the pipes. In the sides of this opening are 3x3 and 2x2-inch grooves for the reception of stop plank, and four screens each 5 feet in height; the former of 2 $\frac{3}{4}$ -inch oak plank, and the latter of heavy brass wire woven 3 to an inch, soldered to heavy brass frames. But planks and screens are removable and interchangeable. The stone work was finished October 13th.

There are heavy retaining walls on the upper side of the gate house, extending about 40 feet into the pond. The down stream face of the gate house is nearly on the line of the top of the upper slope of the dam.

The earth between the westerly side of the open trench and the dam, was taken away and used in the embankment. The earth on the easterly side was sloped and covered with rip-rap to protect from washing. The trench was completed on August 29th, and the temporary flume removed at once, although the small amount of water in the stream did not pass through for some days, the pond being drawn lower than the bottom of the pipes. Very little water came into the trench, and it was only necessary to occasionally bail the water out of the excavation. The earth bank at the gate house and end of the dam was of a very hard compact clay.

Immediately on the removal of the temporary flume, excavations for the removal of the old 30-inch pipe, about 166 feet from the rollway, through the dam, were commenced. This necessitated a cut through the main part of the old dam to the very bottom. This work was completed and pipe removed September 13th. A wall built in the same manner as the spiling wall, 4 feet thick, 17.5 feet high, and 26.5 feet long, extending

to within 10 feet of the top of the dam, was built across the gap, four feet above the line of the top of the lower slope of the dam; the embankment was found in good condition, and built of excellent material. Previous to the removal of the flume and old pipe, some filling had been done on the up stream side of the spiling wall. Before the removal of the slope paving, the slope of the old dam was  $1\frac{1}{4}$  horizontal to 1 vertical. It was even less than that after the removal of the stone and loose earth. On both sides of the main spiling wall, and on the slope of the dam, all objectionable material was removed, and the embankment founded on the best of materials throughout. Efforts to obtain satisfactory material on the pond side of the dam proved failures, and the embankment was mainly filled from pits on the lower side of the dam. This filling proved to be of excellent material. The filling was put in in 6 inch layers, sufficient water being used to compact the whole, thoroughly rolled and carefully rammed near the spiling wall, in the gap, where the old pipe was removed, and wherever the roller could not be used to advantage.

The filling was proceeded with more rapidly after September 13th, and finished, as directed by your sub-committee, on November 10th.

The embankment was carried two feet higher than the old dam, and is 29.5 feet high. The slope as finished is 2 horizontal to 1 vertical. The lower slope was left mainly as before, although all roots, briars, and stones, were carefully removed, and some material filled on to bring the embankment to a good line and slope. The lower slope is about  $1\frac{1}{3}$  horizontal to 1 vertical. The old embankment was 12 feet, and the new is about 25 feet wide on top. The season was too far advanced to permit of grassing over any portion of the work, which should be done in the spring. The upper face of the embankment is covered by a layer of large ledge and field stone, two feet or more in thickness, carefully laid, and is a very thorough piece of work. This was finished November 9th. From the gate house the centre line of the dam bears S.  $62^{\circ}$  10' W.

In the early part of the season your committee decided to

locate the rollway in the hillside at the easterly end of the dam. It runs beside of and parallel with the pipe trench. Owing to the press of other portions of the work, excavations were not commenced on the rollway until October 5th. From about the 10th of October the work was carried forward more rapidly, and finished November 27th. The crest, or overfall stone, were set November 8th. The length of the rollway on the centre line is 321.5 feet, and its width 30 feet inside the walls. All the stone-work in the rollway is laid in cement and done in a most thorough manner. The upper end of the paving is on the line of the up-stream side of the gate house; from that point to the overfall stone, 45.5 feet, the paving is 2.25 feet deep. The retaining walls are 9.5 feet high, and 5 feet thick, the top level with top of the embankment, and 5.0 feet above the overfall stone. A portion of that next the gate house is 16 feet high, to gain a good footing in the natural bank. The easterly wall of the gate house forms a part of the westerly wall of the rollway.

The foundation of the overfall stone extends down 7 feet in very hard compact clay. The easterly end abuts against a clean solid ledge, connects with the wall across the pipe trench, extending into the dam on the westerly end, is built 10 feet into the bank on the easterly side of the rollway. The length of this wall is 87.5 feet. The over-fall stone projects six inches above the paving on either side, and is two feet thick, and two and one-half feet in depth. Southerly from the overfall stone for 46 feet the paving is 4.5 feet thick.

The side walls extend one foot below the paving, and are about 11 feet high, and 4.5 to 5 feet thick. The next 50 feet of paving runs to 2.5 feet, and the side walls 3 to 3.5 feet thick, and 6 to 8 feet high. The remainder of the paving is from 2 to 2.5 feet, and the side walls 3 to 3.5 feet thick, and 6 to 8 feet high, and 3 feet above the paving on the sides. The paving, in cross-section is laid on a curve, the centre sagging 2 feet lower than the sides. The grade of the main portion of the paving is seven feet per hundred.

At the lower end, a cut-off wall extends 2 feet below the bottom of the paving, and connects at the westerly end with the



cut-off wall at the outlet of the pipe line. The end of the paving is on a line with the end of the pipes, and in the centre is 4.65 feet above the bottom of the same. The total fall in the rollway is 17.37 feet. A closely laid pavement was laid 23 feet farther, and the side walls extended the same distance, to protect the outlet of the pipes. In excavating for the rollway, all loam and objectionable material was removed, and the walls and paving laid on a hard, firm foundation. Many nests of rocks and large boulders were met and removed, as far as necessary, and were utilized in the building of the masonry. No solid ledge was encountered except as mentioned above. The excavation for the most part was shallow, usually four to six feet, but opposite the dam and gate house, much deeper, the greatest being nearly 23 feet. In the construction of the rollway, the project of raising the dam 11 or 12 feet was kept in view, and all parts that would be affected were built sufficiently heavy and substantial, so that they might be built upon without any reconstruction. The old rollway at the westerly end of the dam was taken out and the space carefully refilled.

The change in direction of the rollway, at the end of the dam, is made by a curve with a radius of 37.8 feet on the centre line.

During most of the season from 65 to 80 men were employed, and from 16 to 24 horses.

In the early part of October, transportation was furnished all laborers who chose to ride, and the force largely increased. The men at the boarding house remained there from choice almost without exception. During a part of October and November, the number of men of all classes employed was 250, and 37 horses. In the construction of the rollway, one steam and two hand derricks were used, and 30 stone masons and 100 men were employed. The length of the dam, including the rollway, is 671 feet.

The net expenditures for the construction of the storage reservoir have been as follows :

Embankment, clearing and grading,	\$24,705 22
Rollway,	9,666 00
Spiling wall, &c.,	4,020 96
Gate-house,	5,554 86



Pipes, gates, and masonry around same,	6,782 78
Pipe and open trench,	5,182 80
Engineering and superintendence,	1,133 42
	<hr/>
Total cost,	\$57,046 04

## DISTRIBUTING RESERVOIR.

The Distributing Reservoir is located on land taken from the farm of Charles T. and Sarah E. Foster, and is situated partly in Worcester and partly in Holden.

Work was begun on May 24th; the trees and brush were cleared away, a temporary channel for the stream excavated around the north-easterly side of the location of the basin, and excavation begun on the same about June 1st.

As the work progressed a ledge was developed on the westerly side of the basin, and extended some distance toward the centre. This somewhat curtailed the area and depth, as it was not thought advisable to excavate any large amount of rock. The material excavated was mostly clay, with quite a large amount of stone toward the southerly end of the basin. Very little water was encountered in the excavation, and it was readily disposed of by one hand pump. A spiling wall was built on the south-easterly side across the original channel of the brook, and extending on both sides of the rollway. This wall is 190 feet long, mostly 12 feet in height, and 3.5 feet thick. It is in the centre and extends to within three feet of the top of the embankment. The south-westerly end of the wall is 26 feet south-westerly of the rollway. The rollway is 30 feet in width, side walls of cut stone with rock face, 3.5 feet thick, and the level of the crest of the overfall stone five feet below the top of the embankment. On the lower side of the overfall stone, the pavement is four feet thick to foot of the outer slope of the embankment, terminating in a cut-off wall six feet deep. The foundations of the side walls to the rollway, are seven feet below the overfall stone. All the masonry was carefully laid, and embedded in good firm materials. The basin is pear shaped with the gate house at the small end. The gate house is at the south-westerly end of the basin.

The foundation is embedded in rock to a depth of from two to four feet.

The upper face is built of cut stone, and the remainder of rubble. There is an opening through this upper wall 3 feet in width, and 12 feet from the top down. There are grooves cut in the sides of this opening, of the same size and with the same arrangements for stop plank and screens as at the storage reservoir. The inside, 8x10 feet, is smoothly cemented.

The walls are four feet thick at the bottom, and three feet at the top, and surmounted by a brick building containing the gate hoisting apparatus, which was put in complete here and at the Storage Reservoir on November 23d.

The gate house stands in the embankment, retaining walls being built from the upper face to the foot of the inside slope.

There are also wings or cut-off walls 6.5 feet and 9.5 feet long, running into the bank on either side, and extending from the ledge to three feet below the top of the dam.

The 30-inch supply pipe to the city terminates in this gate chamber. It is laid on a foundation of masonry for about 75 feet below the gate house. The depth of water that can be drawn through this pipe is seven feet.

A 16-inch waste-pipe runs from the channel of the brook below the rollway, through the gate chamber to the basin, which it effectually drains. The bottom and inside slopes of the basin are paved with field cobbles 10 to 12 inches in depth to within 2 feet of the top of the bank. The slopes of the embankment are  $1\frac{1}{2}$  horizontal to 1 vertical, and it is 15 feet in width on top. After the completion of the basin, it was decided by your committee to enlarge and make permanent the temporary channel around the basin. This was done, an acre of land being bought of Oliver K. Cook, to be used as an outlet, and also to have control of the channel from the waste pipe, a sufficient distance. The slope of this channel next the basin is paved. The bottom width is 15 feet. At the head of this channel a bulkhead is built, with side retaining walls and foundations, all laid in cement mortar, and four openings, each 4.5 feet long and 4 feet high. The channel or inlet to the basin has the same arrangement, and by the use of stop plank, the stream can be controlled at will and made to pass down either or both channels. This may be of

great use in time of heavy rains, or if the water is roily from any cause.

Each channel is spanned by a neat wooden bridge. The bulkhead in the inlet channel is 185 feet from the basin. This channel is 20 feet wide at the bulkhead and 30 feet at the basin, with retaining walls on each side from four to five feet high.

The basin was partially paved ready for the reception of water, had there been any, on October 6th. The embankment was fully completed and all grading in connection with the basin finished November 10th. The waste trench and bulkhead were completed December 1st.

The number of men employed has generally been about 40, but during a part of October and November the number was increased to 75 or 80.

The net expenditures for the construction of the Distributing Reservoir have been as follows :—

Earth excavation, grading, trench, &c.,	\$14,561 22
Masonry,	2,838 42
Pipe and gates, and excavations for same,	1,954 56
Gate house,	1,777 44
Paving basin, laying of,	748 67
Bulkheads and foot bridges,	544 59
Engineering and superintendence,	375 74
Total cost,	\$22,800 64

There was at the close of work on the dam and reservoir, tools and materials on hand to the amount of \$2,424.00, most of which have been turned over to the Water Department.

The pipe used was furnished by A. H. McNeal of Burlington, N. J. The gates and gate opening apparatus by the Boston Machine Co., and all were laid under the direction of the Water Commissioner, to whom the undersigned is under obligation for cordial co-operation and assistance. The erection of the build-ings, superstructure of the gate houses, flume, bulkheads, foot bridges and all other wood work has been done by J. C. French in a very satisfactory manner. The cut stone were furnished by Webb & Batchelder, and the paving of the Distributing Reservoir was done by C. O. Richardson. The excavations, embank-

ments, masonry, and all other work, has been done by day labor. All materials have been of the best quality, and the work done in the most thorough and substantial manner, and as economically as was consistent with good work.

The season has been remarkably good for the prosecution of the work, the streams and springs being unusually low, and very little time lost on account of bad weather. Plans and profiles of the pipe line have been made, and such lines and grades given during the season as the occasion required.

Accurate measurements of the capacity of the Storage Reservoir have not been made. In former reports it has been estimated at 450,000,000 of gallons.

No calculation of the amount the Distributing Reservoir will hold above the overfall stone in the gate house, has been made, but it is believed to be not far from 2,500,000 gallons.

Stone monuments have been set on the pipe line, from where it leaves the highway to the Distributing Reservoir, also around the latter, and along the line of the stream from the Distributing to the Storage Reservoir.

Surveys are now being made of the land taken around the Storage Reservoir, but are not yet completed.

Practically all the water that has come into the Storage Reservoir, has been allowed to accumulate till on December 7th, there was a depth of 6.3 feet ; since that time the water has been let into the Distributing Reservoir daily, and used through the main supply pipe.

The depth of water now in the reservoir is 6.00 feet. The water was first turned into the Distributing Reservoir October 13th.

Table of elevations on reservoir dams connected with the Worcester Water Works.

STORAGE RESERVOIR, TATNUCK BROOK.

Rollway,	740.88
Overfall in gate house,	723.88
Bottom of 30-inch pipes,	720.78
Top of dam,	745.88

## DISTRIBUTING RESERVOIR, TATNUCK BROOK.

Rollway,	658.00
Overfall in gate house,	651.00
Bottom of 30-inch supply pipe,	649.45
Bottom of 16-inch waste pipe,	648.75
Top of dam,	663.00
Rollway, Lynde Brook Reservoir,	828.67
Top of dam, Lynde Brook Reservoir,	832.67
Bottom of pipe, Lynde Brook Reservoir,	791.27
Bell Pond, surface of water,	666.50
Hunt Reservoir, surface of Water,	658.00
Main street, at City Hall,	481.00

Respectfully submitted.

LUCIAN A. TAYLOR,

*Engineer in charge.*

WORCESTER, December 17, 1883.





# REPORT

OF THE

## JOINT STANDING COMMITTEE ON SEWERS.

---

WORCESTER, Dec. 1st, 1883.

*To the Honorable City Council of the City of Worcester :—*

IN obedience to Sec. 7, Chap. 40 of the Laws and Ordinances of the City, the Joint Standing Committee on Sewers present their Annual Report, together with the Report of the Superintendent of Sewers.

The condition of the Sewers of the City, and a detailed statement of the expenses incurred during the financial year of 1883, are recounted in the Report of the Superintendent, and your Committee desire to adopt so much of said Report, as their own.

Your Committee, realizing the urgent necessity for the completion of the Cambridge street Sewer, which is the grand outlet for the large territory West of Main street and South-west of Piedmont street, have directed that the work be continued in favorable weather through the winter, and we urge upon the Council the importance of pushing this work to completion at the earliest possible day. The consideration of the petition now before the Council for a sewer in Washburn and Southbridge streets, demands, and should receive, early attention. The thickly-settled district South of Ripley street, and East of Main, to Crystal street, would be drained by this sewer, and it could be immediately utilized.

The orders passed this year for the extension of the Pine Meadow Sewer, and the reconstruction of the invert of Mill

Brook, should be carried into effect early in the season, and when completed will go far to provide for the immediate necessity of these sections. Until the work mentioned is completed, very little can be done in the way of lateral sewers, as the districts provided with main sewers are practically completed. The work thus outlined indicates a busy season for the department, and we would bespeak the generous support of the Council in the execution of work so important to the sanitary condition of our rapidly growing City. In closing our Report we desire to commend the Superintendent of Sewers for the faithful and efficient discharge of his duties, and to express our belief, that the City has received an ample return for the moneys expended in the Department of Sewers.

S. E. HILDRETH,  
ANDREW ATHY,  
LORING COES,  
E. O. PARKER,  
W. F. DEARBORN,  
F. W. BLACKER,  
JOHN B. O'LEARY,

*Joint Standing Committee on Sewers.*

# REPORT

## OF THE

### SUPERINTENDENT OF SEWERS.

---

WORCESTER, Dec. 1st, 1883.

*To the Joint Standing Committee on Sewers :—*

The Superintendent of Sewers has the honor to present the following Report of the doings of the Sewer Department during the financial year of 1883.

The Department of Maintenance has been carried on for a reasonable cost, and the Sewers and their appendages are in the very best condition for service.

Three hundred and sixty-two permits to enter drains to Common Sewers have been issued during the year. Your attention is called to the ventilation of the Public Sewers. There is at present no systematic ventilation. The subject is one of grave importance. The use of perforated Manhole Covers is recommended on the highest streets, and a tall shaft or chimney for the ventilation of the Main Sewer in the central part of the City.

The season just closed has been exceptionally favorable for Sewerage operations.

The work of construction was begun early in the year, and has continued without interruption to this date.

The largest and most expensive sewers constructed are the Pine Meadow, so called, and the Cambridge street Sewers. The Pine Meadow 48"x72" brick sewer has been laid in E. Worcester street 900 feet to the W. line of Plum street.

The Cambridge street 84" round, 60"x84" and 48"x72" Brick sewer has been laid from the P. & W. R. R. to Chelsea street.

Orders passed the City Council October 8th, 1883, for the continuance of the trunk sewer in Cambridge street from Chelsea street to Crystal street, in Crystal street and Maywood street to Park Avenue, the extension of the Pine Meadow Sewer through Plum and Shrewsbury streets, a distance of 1000 feet, and for the reconstruction of the invert of Mill Brook sewer from Green street to the B. & A. R. R.

In consequence of the lateness of the season when the orders were passed, and the probability of immediate freezing weather, but one of these orders has been commenced:—viz. Cambridge street. The work is in progress at the present time at two points with good results. A ledge of 18 feet has been encountered in a trench of 31 feet depth near Chelsea street. Temporary buildings have been erected and supplies purchased sufficient for the continuance of the work through the winter.

Two Carson Excavators are employed on the work at a fair rental, and their established reputation as economical labor-saving machines does not suffer by continued use.

The gross amount of work done by the Department for the year is as follows:

Fourteen thousand four hundred and sixty-one feet or 2.73 miles of sewer laid, 97 manholes and 62 catch-basins built. Making the entire system of sewers at present to consist of

45.63 miles of sewers.  
1,722 manholes.  
994 catch-basins,

Herewith appended is a statement in detail of the work on each sewer and cost of same. A schedule of City property in charge of the Superintendent of Sewers may be seen at the office of the Sewer Department. Estimated value \$8,140.05.



## SEWERS LAID DURING THE FINANCIAL YEAR OF 1883.

STREET.	LOCATION OF SEWER.	SIZE.	LENGTH.	MAN-HOLES.	COST.
Bradley,	Gold to Washington,	18"	870	7	\$1,349 14
		15"			
		12"			
Shrewsb'ry,	E. Worcester to Larkin,	12"	663	5	1,361 55
		18"			
		12"			
Lafayette,	Quinsig. ave. to Southbridge,	15"	425	2	508 10
Langdon,	Lafayette to Lamartine,	12"	469	4	476 24
Grosvenor,	Lafayette to Lamartine,	12"	485	4	487 21
Larkin,	E. Worcester to Shrewsbury,	12"	224	2	267 90
Cambridge,	P. & W. R. R. to Washburn,	84"	1,000	3	20,000 00
E. Worcester,	Shrewsbury to Plum,	48"x72"	989	5	15,000 00
Washburn,	Curve from Cambridge,	51"	54	1	540 00
Kansas,	Curve from Cambridge,	24"x36"	55	1	605 00
Endicott,		24"x36"			
Vernon and	Ward to Winthrop,	20"x30"	1,258	7	2,586 78
Winthrop,		18"			
Gold,	Assonet st. Westerly,	12"			
Mead,	Lafayette st. Northerly,	12"	295	3	263 90
Home,	Extension Westerly,	9"	57		39 50
Harringt'n av.	Westminster Easterly,	12"	254	1	206 30
Millbury,	New st. Northerly,	18"x27"	635	4	793 47
		16"x24"			
		12"			
Arlington,	Jefferson Southerly,	12"	377	4	467 60
Cambridge,	Washburn to Chelsea,	60"x84"	1,100	5	13,156 83
Gold st. ct.		48"x72"			
and		16"			
Assonet,	Bradley to Gold,	12"	952	9	1,081 56
Vernon,	Union ave. to Endicott,	12"	341	3	317 10
Westminster,	Harrington ave. Northerly,	12"	281	2	232 89
Millbury,	Foyle st. Northerly,	12"	545	4	525 90
Ingalls,	Vernon to Fox,	12"	525	5	552 15
Taylor,	Millbury to Ward,	12"	330	2	238 58
Pattison,	Vernon Easterly,	12"	403	2	328 33
Worth,	Millbury to Ward,	12 "	397	3	352 85
Prospect,	Mulberry Easterly,	12"	200	1	247 80
Lincoln,	Lincoln pl. Easterly,	18"x27"	1,151	6	2,772 17
		16"x24"			
		18"x15"			
Catharine,	Curve at Lincoln,	12"	32	1	75 00
Harringt'n av.	Curve at Lincoln,	12"	29	1	43 50

Respectfully submitted.

R. H. CHAMBERLAIN,

*Supt. of Sewers.*



# ANNUAL REPORT

OF THE

# CHIEF ENGINEER

OF THE FIRE DEPARTMENT.

---

CHIEF ENGINEER'S OFFICE,  
WORCESTER, *January 1st, 1884.*

*To his Honor the Mayor, and the Honorable City Council :*

GENTLEMEN :—In presenting this Eleventh Annual Report for the consideration of your honorable body, the Board of Engineers endeavor to review the workings of the Department for the year ending January 1st, 1884, and describe its condition at that time. As Chief of the Department the duty devolves upon me to include therein suggestions and recommendations which, it is thought, will promote the efficiency of the Department.

## MANUAL FORCE AND DISCIPLINE.

The manual force includes a Chief and four Assistants, 35 members of Steamer Companies, including drivers ; 31 members of Hook and Ladder Companies, including drivers ; 63 members of Hose Companies, including drivers ; and 4 members of the Chemical Engine Company, including driver ; a total of 133. Volunteer Hose Companies are maintained at Quinsigamond Village, Coes Square, and Northville, where an active interest is taken, and the organizations are kept in good working order, to the general satisfaction of the respective neighborhoods.

The work of the Department has been such during the past year that it has fully retained the confidence of the public, won the

praises of those whose premises have been visited by fire, and earned the commendation of its officers. Promptness and efficiency have been prominent features of the work of every company. Fires have been numerous; they naturally must increase as the number of buildings increases. To keep the losses proportionately small, the facilities for fighting fires must increase as the size of the city increases, and the record of the past shows to what uses the facilities furnished have been put. It is not economy to subject all the material to the greatest strain it can bear until it breaks, necessitating an entire renewal at one time, and the policy of the management of the department has been to renew a portion each year, that the general condition of all the apparatus may at all times be good. Such it is proposed to retain as the policy of the future. Changes in the members of the department should be only for cause, as in the work which the men have to do, as elsewhere, the trained and tried have always proved the most efficient.

#### FIRES AND INSURANCE.

The record of the year shows 74 Bell Alarms, 118 Still and Telephone Alarms, a total of 192. The losses aggregate \$62,558.90, and the property damaged insured for \$468,305. It is my belief that the cause of every fire should be carefully investigated, both for the value of the information obtained in preventing repetition from like causes, and as a means of restraint upon those who are willing to see their buildings burned for the sake of getting the insurance, by increasing the chances of detection of the real causes of the fires.

There seems to be no way of preventing the gathering of crowds at fires, but there should be better means for restraining those present than have been adopted; and I would suggest that the police force be detailed, each man having certain boxes assigned to him, that the prompt arrival of several of them may always be depended upon. The existing fault is not with the officers, but with the system, which I am confident the police authorities, who have ever shown a willingness to co-operate with this department, will be willing to improve if the way of im-

provement is only suggested by your honorable body. There is also frequent need of more officers for guarding property, as the firemen have work of altogether a different nature to perform. It may also be appropriate under this head to speak of the Company at Quinsigamond, which is guarding more property than the one at Webster Square, and to suggest that, at an early day, the members thereof be added to those already drawing compensation for their services.

#### LEADING HOSE.

During the year there has been purchased 1800 feet of hose, 600 feet of American Jacket, 600 feet of Leather, and 600 feet of Rubber; and during the coming year I would recommend that 2000 feet additional be secured. The annual renewal of a portion of the hose commends itself to the Board of Engineers, and we trust will continue to meet with your approval, that an emergency may not find us unprepared.

#### APPARATUS.

The use of the Hose Wagon purchased in 1882 has proved so satisfactory in its results that, during the past year another has been secured for Steamer Co. No. 1, and has just been put into service. The heavy reel which it succeeds, although nearly worn out, will answer for some time to come as a relief carriage, and for such uses it is intended.

The Steamer formerly kept at New Worcester has been transferred to the Pleasant street house, where it is kept in reserve. The house at New Worcester has been remodelled and is now used for a horse carriage, a horse being kept and a man permanently stationed in the house. The demand for better apparatus and better quarters for Hose No. 4, is still unsupplied. If no other arrangement can be made, it is my opinion that the Exchange street house should be abandoned at an early day and a new house erected for the accommodation of this company. Their hose carriage should also be replenished by a horse carriage at the earliest possible day, as the amount of property in



the section in which this company is located, is much too large to be left to the protection of apparatus which is retained only because no other can be kept in the house ; with proper apparatus it will be far easier to retain a higher standard of efficiency among the members of the company.

At present the apparatus includes 4 Steamers—3 in service and 1 in reserve, 12 Hose Carriages, 2 Hose Wagons, 2 Hook and Ladder Trucks in active service and 1 in reserve, 4 Hand Hose Carriages which are used for volunteer companies, save Hose No. 4, 8 small Chemical Engines and 1 large Chemical Engine, and 2 small Chemical Engines carried by the Protective Department ; all the apparatus is in good repair, save the ladders on Truck No. 1, which should be repaired.

#### THE PROTECTIVE DEPARTMENT.

Past endorsements of the Fire Patrol for efficiency can truly be supplemented by similar endorsements of their work during the past year. The value of this branch of the Department is established beyond question. They work in harmony with the Department, and do a work which never ought to be expected save of companies specially organized for such purpose. They have spread 129 covers on uninsured, and 158 covers on insured property.

#### HORSES.

Two horses have been purchased during the year and one sold, being unfit for service for this department, making 24 now attached to the department. There are six pairs of double and ten single harnesses all in good condition save one, repairs having been made as needed. Two horses should be exchanged the ensuing year to keep them up to the proper standard of efficiency.

#### FIRE ALARM SERVICE.

The working of the fire alarm telegraph the past year emphasises the demand repeatedly made, but not yet complied with,

for the thorough reconstruction of this branch of the service. In my judgment the work cannot be longer delayed without incurring risk from fire coupled with losses which, the cost of the work called for will be trifling. The present system has been outgrown, and has already been made to do more work than it was designed for. The circuits are too long for safety as the disabling of any one of them needlessly exposes large interests which are entitled to protection much longer than is necessary. The boxes should be replaced by non-interfering boxes and the system divided into at least eight circuits. There is also a demand for the extension of the service to Lake View, Valley Falls, Tatnuck, Bloomingdale and Adams Square, and for additional boxes in the centre of the city. I earnestly recommend that an appropriation be made, not only for the reconstruction of the entire system, but for the extension of the service to the localities named and the addition of more boxes in the centre of the city. The boxes in the centre of the city should be constructed so as to open without the use of a key, while those in the outlying districts should be more carefully guarded. The plan of keeping the keys of boxes where they can be obtained without difficulty has worked satisfactorily since its adoption, some six months ago, and I can see no reason for apprehending trouble in the future if the boxes are left unlocked in many localities.

#### CHEMICAL ENGINES.

The Chemical Engines have established themselves so firmly in public favor that they are indispensable in any well organized fire department. There is no better apparatus for the work for which they are intended, and I would recommend the purchase of two small extinguishers, one for Hose No. 8, and one for the new Hose Wagon, the coming year.

#### HOUSES.

The house on Lamartine street which was in process of construction a year ago has been completed and occupied. Its arrangement is satisfactory. Although your attention has already

been called in this report to the Exchange street house, its condition is such that we again urge that it receive early attention. At no distant day the location of the department headquarters must in my opinion receive serious attention. The present location is inconvenient because of its approaches, which are used, in common, by the occupants of several estates, and one which this department has no right superior to those of other occupants. The apparatus can be put into the house only through the exercise of the greatest care, and then only as one of our neighbors claims by occupying land upon which we have no claim.

The growth of the southwestern section of the city which, within a few years has been thickly covered with wooden dwelling houses, makes it clear to my mind that, at an early day your honorable body should seriously consider the erection of another engine house near the junction of King and Woodland streets. No repairs have been made in the houses the past year save those absolutely necessary to keep them in good condition.

#### LADDERS AND FIRE ESCAPES.

During the coming year it will be necessary to make general addition to the ladder service, as many of the ladders now in use cannot be considered as in good condition for much longer service. I would recommend the purchase of a new 65-foot Bangor, two 35-foot ladders and a complete set of stub ladders for No. 1 Truck. The two 35-foot ladders now in use should be taken to New Worcester and kept where they can be used in case of necessity, for this service they will answer for a number of years to come although not in condition for the more severe work near the centre of the city. By the use of ladders at one fire on Main street 17 persons were taken from the fourth story of a burning building when other means of exit were cut off, without injury,—one of the strongest arguments I can offer in support of recommendation that this branch of the department should be as well if not better provided with the necessary apparatus than any other.

Several fire escapes have been constructed by the owners of buildings during the year, for which there is reason to be grate-

ful, although there is abundant opportunity for continued activity among the most expensive buildings in the city. I would also recommend the adoption of Rice's fire escape for this department. By its use ladders can be raised where it is now impossible for the firemen to work, and with it in more favorable locations a few men can do the work of many. The trials which have been made have given such satisfaction that I do not hesitate to express the opinion that, once adopted, the Rice fire escape will be admitted to be so valuable in the near future that it will be retained indefinitely.

#### WATER AND HYDRANTS.

By the introduction of the water of Tatnuck Brook the amount of pressure on the low service hydrants, particularly those on the west side, has been greatly improved. The setting of new hydrants has been continued wherever the water pipes have been extended, and by the order recently adopted by the City Council, the village of Tatnuck will soon be protected in a similar manner, which reinforces my recommendation for the extension of the Fire Alarm service in that direction.

Although not strictly in my province, it is a matter of so much importance that I do not hesitate to call your attention to the importance of extending the water service to Lake View, where there is a great deal of property now unprotected. With a hydrant service there I do not anticipate trouble in maintaining a volunteer hose company in that section.

The section around Bloomingdale should also have better fire protection.

Harmonious relations continue to exist between the Water and Fire Departments.

#### EXPENDITURES.

The appropriation for the year was \$51,000.00, and the revenue \$1,172.13, a total of \$52,172.13. The expenditures were \$50,812.08, leaving a balance of \$1,360.05.

The estimate for the ensuing year calls for an increase in the



appropriation, while believing that it is necessary always to be economical in the expenditures of the money of other people, it seems to me that the truest economy calls for such an outlay as will keep the department most efficient. The increase comes from the call for the reconstruction of the Fire Alarm Telegraph, which, in my opinion cannot longer be delayed without incurring unreasonable risk.

#### RELIEF ASSOCIATION.

The conservative management of the Fireman's Relief Association has firmly established it in favor with the firemen and the public. Its object, the assistance of firemen injured while in the discharge of their duties, has commended itself to the public. Without solicitation there have been handsome contributions to the Association's fund during the year, which have been received with grateful acknowledgments. During the year the payments amounted to \$550.25, and January 1st, the cash on hand amounted to \$4,061.07; cash paid out during the year to firemen injured, \$163.00.

#### CONCLUSION.

The work of the year has been satisfactory as a whole in results. The fire losses have not been serious when the nature of the premises in which the fires have started is considered, although showing an increase over the year 1882. The effort has been to advance the standard of efficiency where possible, the determination, not to allow the department's reputation to suffer. In both directions we are satisfied to let the record tell the story to the many who have in any way aided the work of the men and to your honorable body for the generous consideration of our recommendations. In conclusion I desire to express my individual thanks to his Honor the Mayor, for his interest in, and kind consideration of, all matters connected with this department, and to the Joint Standing Committee on Fire Department, whose assistance and co-operation have been promptly and cheerfully rendered, and to City Treasurer Barton, City Clerk Towne, and



City Auditor Griffin, the thanks of the Board for the friendly interest they have taken in the Department, and for their devotion of extra time and services for our accommodation.

It is a gratification to note the good attention paid by the Water Department to the good improvement and increased water supply for fire purposes, all of which contributes to the efficiency of the department; to the Superintendent of Public Buildings, Charles H. Peck, for many favors shown; to the Press, which has taken kindly notice of the department on many occasions, and done much to encourage the institution, my hearty thanks are hereby extended.

SIMON E. COMBS,

*Chief of Department.*

## FIRE DEPARTMENT.

Appropriation,	\$51,000 00
Less amount transferred to Interest,	1,000 00
	<hr/>
	\$50,000 00

## RECEIVED.

For Buttons and old hose sold,	\$12 80
Manure,	240 92
Use of engine,	22 20
Labor and materials sold,	70 55
Substitute and fines,	4 00
Labor of men and teams,	805 87
Amount refunded,	3 79
Rent of roof of engine house,	12 00
	<hr/>
	\$1,172 13
	<hr/>
	\$51,172 13

## EXPENDED.

For Salary of S. E. Combs, Chief Engineer,	\$1,200 00
“ “ Wm. Brophy, Asst. Engineer,	250 00
“ “ G. S. Coleman, “ “	250 00
“ “ E. L. Vaughn, “ “	250 00
“ “ C. H. Mills, “ “	250 00
“ “ Wm. Brophy, Clerk,	150 00
“ “ Wm. Brophy, Electrician,	795 84
Pay roll of men, Stewards and Drivers,	12,375 50
“ “ Steamer No. 1,	1,792 50
“ “ “ “ 2,	1,774 00
“ “ “ “ 3,	1,757 00
“ “ Hose Co. “ 1,	1,266 00
“ “ “ “ 2,	1,240 00
“ “ “ “ 4,	1,297 25
“ “ “ “ 5,	1,213 92
“ “ “ “ 6,	1,074 25
“ “ “ “ 7,	1,255 00
“ “ “ “ 8,	1,164 20
“ “ Eagle Hose Co. No. 3,	16 00
“ “ Hook and Ladder Co. No. 1,	2,593 50
“ “ “ “ “ “ 2,	1,690 00
“ “ Babcock Extinguisher,	457 00
Paid for horses,	870 00
Hose wagon,	375 00
Repairs of apparatus,	212 12

Paid for repairs of houses,	982 16	
Alarms for fire (blowing whistle),	171 50	
Horses for drawing apparatus,	255 00	
Material for and repair of telegraph,	1,307 47	
Hose and repairs of same,	2,315 97	
Harnesses, blankets and repairs of same,	485 13	
Hay, grain and straw,	3,540 84	
Medicine and attendance on horses,	38 75	
Oil, soap, brushes, &c.,	147 42	
Coal and wood,	1,198 85	
Gas,	487 30	
Sleigh runners,	25 00	
Horse-cart and wagons,	245 00	
Painting wagon,	15 00	
Fire alarm and Indicator boxes,	671 20	
Bell striker,	698 75	
Printing,	187 73	
Blacksmithing,	442 44	
Freight, trucking and express,	28 03	
Furniture, bedding, fixtures and repairs of same,	711 29	
Stationery, stamps, &c.,	22 87	
Hardware and tools,	343 43	
Paints and oil,	161 93	
Hack and horse hire,	41 70	
Rent of telephone,	2 26	
Washing bedding, &c.,	314 81	
Waste,	23 65	
Iron and steel,	11 41	
Clipping horses,	4 00	
Traveling expenses,	7 55	
Clerical labor,	15 00	
Rent of power, &c.,	135 61	
Telegrams,	25	
Refreshments for firemen,	2 50	
Buttons,	22 50	
Pasturing horse,	8 70	
Expense of parade, music, hack and horse hire and collation,	170 00	
		<hr/>
		\$50,812 08
Balance unexpended and transferred to Sinking Fund,		<hr/>
		\$1,360 05

NUMBER OF TIMES, ENGINEERS AND COMPANIES ATTENDING AT FIRES AND ALARMS DURING THE YEAR ENDING DEC. 31, 1883.

[illegible]



OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING JANUARY 31, 1883.

Engineers and Co.s attending at Fires during the Month.

Assistant.				Steamers.				Hose Company.									H. & L.				Babcock.	Fire Patrol.
1	2	3	4	1	2	3	4	1	2	3	4	5	6	7	8	9	1	2	3			
1	1	1	.	.	1	.	.	.	1	.	.	1	.	1	1	.	1	.	.	.	.	
1	1	1	.	1	1	.	.	1	1	.	.	1	1	1	.	.	1	.	.	.	1	
1	.	1	1	1	.	.	.	.	.	.	1	I	I	.	.	.	1	.	.	.	.	
.	.	.	.	.	.	.	.	.	.	.	.	I	.	.	.	.	.	.	.	.	.	
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	
1	1	.	.	1	1	.	.	1	.	.	.	1	1	.	.	.	1	.	.	1	1	
1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	1	
1	1	1	1	1	1	.	1	1	1	.	1	1	.	.	1	.	1	1	.	1	1	
6	4	4	I	4	3	1	.	3	4	.	2	7	2	8	2	.	5	1	.	2	7	

OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING FEBRUARY 28, 1883.

Engineers and Co.s attending at Fires during the month.

1 Asst.		2 Assistant.		3 Assistant.		4 Assistant.		Steamers.				Hose Company.									H. & L.			Babcock.		Fire Patrol.	
1	2	1	2	1	2	1	2	1	2	3	4	1	2	3	4	5	6	7	8	9	1	2	3	1	2	1	2
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	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, 1883.

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	4.45 P. M.	41	.	.	102 Thomas Street.	Brick.	Dwelling.	.	Mrs. Penelope Comins.	Two Families.	Partial.	\$2,200 00	\$6 31	\$500 00	.	.	.	Sparks from locomotive.	1	1	.	.	1	1	1	.	.	.	.	.	.	.	1	1	.	1	1		
4	7 P. M.	.	1	.	242 Mechanic Street.	"	Hotel.	.	J. E. Day.	F. G. Heath & Co.	"	.	.	.	\$5 00	.	.	Unknown.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
4	7.40 P. M.	63	.	.	3 Bridge Street.	Wood.	Barber Shop.	.	E. Adams.	E. Adams.	.	.	.	.	.	.	.	Chimney smoking.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
5	10.36 A. M.	41	.	.	73 Hanover Street.	"	Dwelling.	.	Mrs. S. E. Tainter.	Two Families.	Partial.	3,300 00	1 50	.	.	.	.	Sparks from chimney.	1	1	.	.	1	1	1	1	.	.	.	.	.	.	.	.	.	.			
5	11.20 P. M.	64	.	.	35 Mendon Street.	"	Barn.	.	Patrick Scully.	.	Total.	100 00	100 00	.	.	\$90 00	.	Unknown.	1	1	.	.	1	.	.	1	1	.	.	.	.	.	.	.	.	.			
8	5.12 P. M.	42	.	.	14 Colton Street.	"	Wood.	.	Mary Kelley.	James B. Whittum.	Partial.	250 00	85 58	.	.	.	\$20 00	Defective chimney.	1	1	1	1	.	.	.	1	1	1	1	.	.	.	.	.	.	.			
9	9.28 P. M.	.	1	.	34 Foster St.	Brick.	Liquor Store.	.	Mrs. Henry Clark.	George F. Hewett.	.	.	.	.	.	.	.	Smoke from chimney.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
10	6.50 P. M.	.	.	1	Cor. Myrtle & So'dge	.	.	.	.	.	.	.	.	.	.	.	.	False alarm.	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
13	3.47 P. M.	.	1	.	1 Harvard Street.	Wood.	Dwelling.	.	A. B. R. Sprague.	D. W. Pond.	.	.	.	.	.	.	.	Chimney fire.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
15	5 A. M.	.	1	.	20 North Street.	"	"	.	Joseph Davis heirs.	Twenty Families.	.	.	.	.	.	.	.	Incendiary.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
15	1.02 P. M.	46	.	.	20 Pond Street.	"	"	.	Patrick McCarty.	Patrick McCarty.	Partial.	2,000 00	400 00	.	.	.	25 00	Spark from chimney.	1	1	1	1	.	.	.	1	.	.	1	1	.	.	.	.	.	.			
15	1.02 P. M.	46	.	.	22 Pond Street.	"	"	.	Roxana Conlin.	Michael Lavin.	"	5,500 00	6 50	.	.	.	25 00	From No. 20.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
16	10.40 P. M.	.	1	.	480 Main Street.	Brick.	Crockery Store.	.	R. C. Taylor.	Clark, Sawyer & Co.	.	.	.	.	.	.	.	Over heated furnace.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
20	11.4 P. M.	.	1	.	34 May Street.	Wood.	Dwelling.	.	John B. Goodell.	John B. Goodell.	Partial.	4,000 00	13 40	4,000 00	18 50	.	.	Unknown.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
21	7.14 A. M.	.	1	.	Rear of 553 Main St.	Rubbish	.	.	.	.	.	.	.	.	.	.	.	Hot ashes.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
21	7.15 A. M.	32	.	.	Rear 44 Exchange St.	Wood.	.	.	Dwight Foster.	Unoccupied.	.	.	.	.	.	6 00	.	Sparks from chimney.	1	1	1	1	1	1	.	1	1	.	.	.	.	.	.	.	.	.			
24	12.10 P. M.	.	1	.	36 & 38 School Street.	"	Carpenter Shop.	.	City of Worcester.	City of Worcester.	Partial.	.	.	.	.	15 00	.	" " "	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
28	4.50 P. M.	.	.	1	61 Green Street.	"	Dwelling.	.	Patrick Ward.	Patrick Ward.	"	2,000 00	5 00	.	.	.	.	" " "	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
31	4 P. M.	.	1	.	Main Street.	Brick.	Church.	.	1st Unitarian Church.	Society.	.	.	.	.	.	.	.	Over heated furnace pipe.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
												\$19,350 00	\$618 29	\$4,500 00	\$23 50	\$111 00	\$70 00																						
												8	8	3	4	3	6	2	4	5	9	4	4	1	5	2	4	6	7	18									

**MONTHLY STATEMENT**  
OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING APRIL 30, 1883.

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1	6.53 P. M.	15	.	.	40 North Street.	Wood.	Dwelling.	.	Joseph Davis.	Twenty-two Families.	.	.	.	.	.	.	.	Chimney fire.	1	1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.





MONTHLY STATEMENT  
OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING MAY 31, 1883.

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
3	9.13 P. M.	13			Leesville.	Wood.	Woolen Mill.	Steam.	Albert Curtis.	Austin Ward.	Partial.	\$2,600 00	\$2,600 00	\$19,900 00	\$10,272 67	\$400 00	\$2,886 00	Unknown.	1	1	1				1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										</





MONTHLY STATEMENT  
OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING JUNE 30, 1883.

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					
1	8.25 P. M.	32			21 Cypress Street.	Brick.	Novelty Manufg.	Steam.	Wm. T. Merrifield.	N. H. Goodnow & Co.	Partial.				\$10 00			Upsetting kerosene lamp.	1	1	1	1	1		1	1																				
3	3.20 P. M.		1		30 Myrtle Street.	Wood.	Dwelling.		E. E. Wheelock.	E. E. Wheelock.								Kerosene stove.																												
5	5.50 P. M.		1		5 Grace Street.	Brick.	"		J. Kecuan.	Four Families.								Chimney fire.																												
6	9.52 P. M.		1															Reflection from fire on Millbury road.																												
6	11.22 P. M.	42			College Street.	Brick.	Holy Cross College.		Society of Jesus.		Partial.	\$55,000 00	\$700 00	\$10,000 00				Lightning.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
7	6 25 P. M.		1		12 Hudson Street.	Wood.	Dwelling.		S. Putnam.	Three Families.								"																												
10	8.44 P. M.	63			Foundry Street.	"	Barn.		Trumhull heirs.	James C. Luby.	Partial.	500 00	20 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			
10	10.26 A. M.	45			Shrewsbury Street.													False alarm.	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
19	4 P. M.		1		Rear 3 Washington Sq.	Wood.	File Shop.		Wm. J. Hart.	Wm. J. Hart.	Partial.	200 00	10 00					Sparks from locomotive.																												
16	11.20 A. M.	35			1 Suffield Street.	"	Dwelling.		Geo. Prentice.	Geo. Prentice.	"	1,500 00	120 00	1,000 00	60 00			Kerosene stove.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
21	12.20 P. M.		1		22 1/2 Pleasant Street.	"	Boarding House.		R. C. Taylor.	Wm. R. Kendall.	"							Defective chimney.																												
22	11.50 A. M.		1		51 & 53 Thomas Street.	"	Dwelling.		Luther Slater.	Four Families.								Kerosene stove.																												
23	11.17 A. M.		1		6 Columbia Court.	"	"		P. W. Aldrich.	"								Chimney fire.																												
23	11.20 A. M.			1	49 Water Street.	"	"		F. B. Norton.	Frank B. Norton.	Partial.		5 00					Sparks from chimney.																												
23	11.45 P. M.	34			Ingalls Street.	"	Unoccupied.		M. Donahue.		"							Incendiary.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
24	7.12 A. M.			1	4 Linwood Place.	"	Dwelling.		Mrs. Arnold.	Richards.								Smoke mistaken for fire.	1	1			1	1																						
25	7.34 P. M.		1		1 Austin Street.	"	"		R. C. Taylor.	Chas. Lee.								" from chimney.																												
30	12.32 P. M.	51			51, 53, 55 & 57 Main St.	Brick.	Stores & Dwellings.		G. Henry Whitcomb.	Green & Gough.	Partial.			2,000 00	9 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	
30	"	51			" " "	"	Meat Market.		"	E. L. Sherman.	"			500 00	16 78			"																												
30	"	51			" " "	"	Groceries.		"	J. W. Bigelow.	"			5,750 00	27 50			"																												
30	"	51			" " "	"	Boarding House.		"	A. F. Aldrich.	"			1,500 00	545 50			"																												
30	"	51			" " "	"	Dwelling.		C. W. Wood.	C. W. Wood.	"						\$125 00	"																												
30	"	51			" " "	"	"		"	Chas. M. Rice.	"						15 00	"																												
30	"	51			" " "	"	"		"	J. W. Bigelow.	"						20 00	"																												
30	"	51			" " "	"	"		"	E. L. Sherman.	"						16 78	"																												
												\$57,200 00	\$855 00	\$20,850 00	\$685 56		\$160 00																													
																					8	8	6	6	5	8	5	5	6	8	5	7	8	7	1	7	6	4	10							



OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING JULY 31, 1883.

OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING AUGUST 31, 1883.

[illegible]





## FIRE DEPARTMENT.

## MONTHLY STATEMENT

OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING SEPTEMBER 30, 1883.

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.
		BOX.	STILL.	TELEPHONE.								INSURANCE.	LOSS.	INSURANCE.	LOSS.	BUILDINGS.	CONTENTS.	
12	6.15 A. M.	1			21 High Street.	Brick.	Dwelling.		Mrs. M. W. Barton.	Mrs. M. W. Barton.								Chimney fire.
2	5.5 P. M.	15			Plum Street.	Wood.	Barn.		A. M. Eaton.	Unoccupied.	Total.					\$100 00		Smoking.
2	5.5 P. M.	45			19 Lyon Street.	"	Dwelling.		Oliver Connelles.	Oliver Connelles.		\$1,200 00	\$3 00					Sparks from the b
3	12.24 P. M.	28			199 Millbury Street.	"	"		Martin Madden.	Martin Madden.		1,350 00	38 51				\$25 00	Sparks from chimn
4	12.59 P. M.	63			Washington Square.	W. & S.	Union Station.		Boston & Albany R. R.	Boston & Albany R. R.			2,650 00					Spontaneous comb
6	1.20 A. M.	1			11 Lily Street.	Wood.	Dwelling.		W. S. Steele.	James H. Stokes.							5 00	Explosion kerosen
6	2.40 A. M.	1			Lovell Street.	"	Barn.		Loring Coes & Co.	Loring Coes & Co.		50 00	50 00			75 00		Incendiary.
7	9.16 A. M.		1		53 Exchange Street.	"	Dwelling.		Benj. Zaeder.	Two Families.								Chimney fire.
7			1		Bloomington Road.	"	Rolling Mill.		Washburn Rolling Mill Co.	Washburn Rolling Mill Co.								Overheated furnac
8	8.40 P. M.	63			29 Washington Square.	Brick.	Liquor Store.		B. Lynch.	B. Lynch.		5,000 00	75 00	\$7,400 00	\$43 00			Upsetting kerosen
8	8.20 P. M.	1			14 Norfolk Street.	Wood.	Dwelling.		L. J. St. John.	L. J. St. John.		800 00						Alcohol igniting.*
11	7.20 P. M.	1			3 Freeland Street.	"	"		V. F. Prentice.	V. F. Prentice.		2,000 00		500 00				Kerosene lamp sett
13	2.29 P. M.	1			20 Grace Street.	"	"		Dr. Dean Towne.	Two Families.								Upsetting kerosen
14	2 P. M.	1			398 Main Street.	Stone.	Paint Shop.		Brinley Heirs.	Paine & Dean.								Defective chimney
18	8.15 P. M.	1			Langdon Street.	Wood.	Barn.		Five Cents Savings Bank.	Unoccupied.								Incendiary.
19	1.20 A. M.	27			5 Oak Street.	"	Dwelling.		E. W. Lincoln.	E. W. Lincoln.								Burning hornet ne
22	2.59 P. M.	1			Beacou Street.	"	Brush.											Burning brush.
26	5.20 P. M.	46			66 Grafton Street.	Wood.	Rubber Cement Shop.	Steam.	T. K. Earle Mfg. Co.	T. K. Earle Mfg. Co.								Sparks from machi
29	2 A. M.	1			8 Cross Street.	"	Dwelling.		Walter Henry Heirs.	Two Families.								Defective chlmney
29	12.20 P. M.	1			Main Street.	Brick.	Hotel.		Bay State House Co.	Willis L. Shepard.								Smoking.
30	2 P. M.	8			19 Clinton Street.	Wood.	Dwelling.		C. S. Lee.	C. S. Lee.		1,200 00	452 06	1,000 00	313 50		25 00	Rats and matches.
												\$11,600 00	\$3,268 57	\$8,900 00	\$376 50	\$175 00	\$55 00	

\* Mrs. St. John b

## MONTHLY STATEMENT

OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING OCTOBER 31, 1883.

	ALARMS.										TOTAL	BUILDINGS.		CONTENTS.		LOSSES, NO INSURANCE.	





MONTHLY STATEMENT  
OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING NOVEMBER 30, 1883.

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
3	7 P. M.		1		15 Wachuset Street.	Wood.	Grocery Store.		A. J. Tillinghast.	Frank G. Adams.								Breaking kerosene lamp.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</



MONTHLY STATEMENT  
OF FIRES AND ALARMS, INSURANCE AND LOSSES IN THE CITY OF WORCESTER, FOR THE MONTH ENDING DECEMBER 31, 1883.

DATE.	TIME.	ALARMS.			LOCATION.	CLASS OF BUILDINGS.	HOW OCCUPIED.	POWER USED.	NAME OF OWNER.	NAME OF OCUPANT.	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
1	12.12 P. M.	63	.	.	Grafton Street.	Wood.	Lumber Shed.	.	Osgood Bradley.	Osgood Bradley.	.	.	.	.	.	.	\$15 00	.	Sparks from chimney set roof on fire.	1	1	1	1	1	.	.	.	1	1	.	.	.	.	.	.	.	1	1	.	1	1
6	1.15 A. M.	.	1	.	Gold Street Court.	"	Dwelling.	.	James Shea.	Eight Families.	.	.	.	.	.	.	.	.	Hot ashes.	1	1	1	1	1	.	.	.	1	1	.	.	.	.	.	.	.	1	1	.	1	1
6	7.42 A. M.	63	.	.	31 Mulberry Street.	Brick.	Skate Factory.	Steam.	Samuel Winslow.	Samuel Winslow.	.	\$8,800 00	.	\$8,890 00	.	.	.	\$200 00	Overheated japan.	1	1	1	1	1	.	.	1	1	.	.	1	.	.	.	.	.	1	1	.	1	1
8	2 P. M.	.	1	.	Main Street.	"	Church.	.	Piedmont Church Society.	Piedmont Church Society.	.	.	.	.	.	.	.	.	Unusual smoke from furnace.	1	1	1	1	1	.	.	.	1	1	.	.	.	.	.	.	.	1	1	.	1	1
8	9.47 P. M.	5	.	.	1 Park Street.	"	Dwelling.	.	Mrs. S. A. Gates.	H. M. Sorell.	.	.	.	.	.	.	.	.	Children playing with red fire.	1	1	1	1	1	.	.	.	1	1	.	.	.	.	.	.	1	1	.	1	1	
10	12.42 A. M.	12	.	.	120, 122 So'bridge St.	Wood.	Store House.	.	R. C. Taylor.	R. C. Taylor.	.	.	.	.	.	.	2000 00	400 00	Incendiary.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	"	&	.	.	"	"	Stable.	.	"	Herdic Company.	.	.	.	.	.	.	600 00	.	"	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
10	"	26	.	.	"	"	"	.	"	Henry S. Damon.	.	.	.	750 00	\$525 00	.	.	.	"	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
10	"	"	.	.	124 Southbridge Street.	"	Blacksmith.	.	"	T. W. Shaw & Son.	.	.	.	.	.	.	.	.	"	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
10	"	"	.	.	73 Madlson St.	"	Dwelling.	.	Mrs. M. A. Mooney.	Nine Families.	.	1,500 00	64 00	.	.	.	.	.	"	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
10	5.10 A. M.	.	1	.	120, 122 So'bridge St.	.	.	.	.	.	.	.	.	.	.	.	.	.	Fire re-kindling.	1	1	1	1	1	.	.	1	1	.	.	.	.	.	.	.	.	1	1	.	1	1
12	2.59 A. M.	63	.	.	237, 239, 241 Front St.	Wood.	Flour Store.	.	John S. Clark.	John S. Clark & Son.	.	2,000 00	350 00	3,000 00	232 40	.	.	.	Supposed explosion of kerosene lamp.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
12	"	"	.	.	"	"	Fruit Store.	.	"	Alfred Tucker.	.	.	.	2,500 00	2,039 17	.	.	.	"	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
12	"	"	.	.	"	"	Photographer.	.	"	H. B. Tucker.	.	.	.	.	.	.	100 00	.	"	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
14	7.14 P. M.	7	.	.	Gold Street Court.	"	Dwelling.	.	Patrick Shea.	Eight Families.	.	.	.	.	.	.	.	.	Unknown.	1	1	1	1	1	.	.	.	1	1	.	.	.	.	.	.	.	1	1	.	1	1
15	.	.	1	.	84 Front Street.	Brick.	Boot and Shoe Store.	.	G. Henry Whitcomb.	John J. White.	.	.	.	.	.	.	.	.	Mice and matches.	1	1	1	1	1	.	.	.	1	1	.	.	.	.	.	.	.	.	.	1	1	
16	10.40 A. M.	.	1	.	Salem Square.	Wood.	Church.	.	First Baptist Society.	First Baptist Society.	.	.	.	.	.	.	.	.	Unusual smoke.	1	1	1	1	1	.	.	1	1	.	.	.	.	.	.	.	.	.	1	1		
15	10.25 P. M.	.	1	.	5 Kendall Place.	"	Dwelling.	.	Edward Kendall.	J. O. Bemis.	.	.	.	1,000 00	77 00	.	.	.	Upsetting kerosene lamp.	1	1	1	1	1	.	.	.	1	1	.	.	.	.	.	.	.	.	1	1		
17	4.15 P. M.	.	1	.	17 East Worcester St.	"	"	.	H. H. Bigelow.	Four Families.	.	.	.	.	.	.	.	.	Child playing with matches.	1	1	1	1	1	.	.	.	1	1	.	.	.	.	.	.	.	.	1	1		
17	9.15 P. M.	.	1	.	Bloomigdale Road.	.	Car of Vitrol.	.	Boston & Albany Road.	Boston & Albany Road.	.	.	.	.	.	.	100 00	.	Breaking carboy of vitriol.	1	1	1	1	1	.	.	1	1	.	.	.	.	.	.	.	.	1	1			
22	11.10 A. M.	52	.	.	15 Prescott Place.	Wood.	Dwelling.	.	Patrick Creamer.	Patrick Creamer.	.	.	.	.	.	175 00	25 00	.	Defective chimney.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
24	10.40 A. M.	.	1	.	1, 3, 5, 7 Central Ct.	"	"	.	Harrison Bliss Hairs.	Four Families.	.	.	.	.	.	.	.	.	Chimney fire.	1	1	1	1	1	.	.	.	1	1	.	.	.	.	.	.	.	1	1	.	1	1
25	12.1 P. M.	26	.	.	Portland Street.	.	"	.	.	.	.	.	.	.	.	.	.	.	False alarm.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
25	10.45 P. M.	37	.	.	39 North Ashland St.	Wood.	Dwelling.	.	Patrick Haraghy.	Kate Hart.	.	1,500 00	36 50	.	.	.	20 00	.	Upsetting kerosene lamp.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
28	3.37 P. M.	45	.	.	98 Shrewsbury Street.	"	"	.	Jeremiah Sullivan.	Jeremiah Sullivan.	.	.	.	.	.	.	.	.	Chimney fire.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
29	3.22 P. M.	.	1	.	5 to 15 Lily Street.	"	"	.	S. W. Steele.	Fourteen Families.	.	.	.	.	.	15 00	.	.	Rats and matches.	1	1	1	1	1	.	.	.	1	1	.	.	.	.	.	.	.	1	1	.	1	1
		10	10																					12	6	8	9	6	9	7	7	8	9	6	6	3	8	9	6	9	12





# 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.

S. A. PORTER.

JOHN G. BRADY.

COUNCILMEN.

M. D. GILMAN.

WM. H. CRAWFORD.

WM. S. O'BRIEN.

## STEAMERS.

## GOV. LINCOLN, STEAM FIRE ENGINE NO. 1.

## MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	John J. Adams,	Engine House,	6
Asst. Foreman,	Geo. B. Samson,	12 Front street,	7
Driver,	John Barry, Jr.,	Engine House,	17
Engineer,	Wm. R. Shaw,	Bigelow Court,	8
Asst. Engineer,	James D. Shaw,	120 Front street,	9
	S. F. Barnes,	14 Front street,	12
	F. J. Morgan,	594 Main street,	11
	Augustus Harper,	36 Salem street,	15
	Edwin Whitman,	21 Portland street,	13
	Henry H. Wheeler,	Engine House,	10
	Frank B. Williams,	Engine House,	14
Driver,	C. W. Johnson,	Engine House,	16
	Lewis Richards,	Engine House,	13

Number of hours in service during the year, 107.

## A. B. LOVELL, STEAM FIRE ENGINE NO. 2.

## MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	John Wheaton,	Main street,	16
Asst. Foreman,	Joseph Bruso, Jr.,	Engine House,	17
Driver,	H. S. Fowler,	Engine House,	22
Engineer,	Carl E. Noyes,	Beacon street,	19
	A. C. Haraden,	So. Russell street,	22
	T. H. Day,	Queen street,	23
	J. H. Hodgins,	58 Beacon street,	24
	C. P. Green,	Benefit street,	21
	M. P. Roche,	Engine House,	18
	G. E. Martain,	Engine House,	25

Number of hours in service, 103.

## FIRE DEPARTMENT.

241

## S. E. COMBS, STEAM FIRE ENGINE No. 3.

## MEMBERS.

	Names.	Residence.	No. of Badge
Foreman,	Alvin W. Prouty,	Engine House,	26
Asst. Foreman,	C. W. Hurd,	Goulding street,	27
Driver,	C. L. Mahoney,	Engine House,	
Driver,	C. Hassam,	Engine House,	
Engineer,	Geo. P. Blake,	Shelby street,	30
	Wm. D. Luchay,	Belmont street,	33
	Geo. Liberty,	Fountain street,	34
	Wm. Birnie,	Engine House,	31
	Thos. Murray,	Belmont street,	28
	Geo. T. Morse,	Belmont street,	29
	L. W. Prebble,	Orchard street,	35

Number of hours in service, 96.

## HOSE COMPANIES.

## ALERT HOSE Co., No. 1.

## MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	Henry E. Robbins,	School street,	46
Asst. Foreman,	S. W. Buffum,	Orchard street,	47
Driver,	James F. Adams,	Hose House,	
	Chas. Chew,	Grove street,	48
	A. C. Newcomb,	Hose House,	55
	Geo. L. Robbins,	Main street,	51
	S. L. Flagg,	School street,	53
	Chas. L. Leonard,	Main street,	54
	R. T. Thayer,	Hose House,	52

Number of hours in service during the year, 93.

## OCEAN HOSE CO., No. 2.

## MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	David Boland,	5 Cherry street,	56
Asst. Foreman,	James H. Madden,	39 Grafton street,	57
Driver,	Chas. L. Kennan,	Hose House,	
	James Keegan,	50 Chandler street,	62
	Wm. Geary,	21 Burt street,	60
	Dennis Sullivan,	Hose House,	63
	Wm. Cavannaugh,	Hose House,	64
	Chas. Heart,	122 Washington street,	59
	John Kane,	Hose House,	58

Number of hours in service during the year, 123.

## NIAGARA HOSE CO., No. 4.

## MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	A. J. Dresser,	153 Summer street,	76
Asst. Foreman,	E. L. Fuller,	Hose House,	77
	Wm. H. Earle,	76 Hanover street,	84
	W. F. Burgess,	105 Summer street,	81
	D. E. Lovejoy,	Hose House,	85
	Winfield S. Stone,	36 Shelby street,	78
	John Dwyer,	Hose House,	84

Number of hours in service during the year, 93.

## YANKEE HOSE CO., No. 5.

## MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	Cliff O. Lamb,	Hose House,	87
Asst. Foreman,	Frank T. Williams,	Myrtle street,	88
Driver,	A. A. Jones,	Hose House,	
	James B. Lewis,	687 Main street,	89
	Geo. McLeod,	Lynn street,	90
	Hugh McLeod,	Lynn street,	93
	F. Kempton,	Hose House,	94
	F. P. Edwards,	608 Main street,	92
	L. E. Stevens,	10 Madison street,	95

Number of hours in service during the year, 90.

## FIRE DEPARTMENT.

243

## TIGER HOSE Co., No. 6.

MEMBERS.			
	Names.	Residence.	No. of Badge.
Foreman,	F. F. Burbank,	Pleasant street,	97
Asst. Foreman,	Geo. D. Ballou,	4 Winslow street,	98
Driver,	C. S. Combs,	Hose House,	105
	E. D. Burbank,	219 Pleasant street,	101
	Geo. W. Smith,	Hose House,	100
	John W. Morey,	Russell Court,	102
	C. F. Finn,	Hose House,	103
	Geo. M. Rice,	230 Pleasant street,	104
	R. L. Jewell,	Hose House,	99

Number of hours in service during the year, 74.

## PROTECTION HOSE Co., No. 7.

MEMBERS.			
	Names.	Residence.	No. of Badge.
Foreman,	Wm. A. Adams,	86 Lamartine street,	106
Asst. Foreman,	Frank Buxton,	29 Orange street,	107
Driver,	Timothy Sullivan,	Hose House,	
	Timothy Comaford,	Hose House,	113
	Peter Gallagher,	Union Ave.,	109
	J. F. Jennings,	214 Southbridge street,	110
	Joseph Sinnott,	Hose House,	111
	Maurice Fitzgerald,	Vernon street,	112
	Eugene Riley,	89 Washington street,	108

Number of hours in service during the year, 93.

## RAPID HOSE Co., No. 8.

MEMBERS.			
	Names.	Residence.	No. of Badge.
Foreman,	C. A. Humes,	Hose House,	36
Asst. Foreman,	Thos. F. McDonnell,	22 Webster street,	37
Driver,	C. A. Humes,		
	Geo. W. Dickinson,	Lake street,	43
	Frank L. Jenks,	Mill street,	45
	Oney Dickinson,	Webster street,	42
	Geo. D. Plympton,	Mill street,	41
	Fred. Wood,	Hose House,	48
	John Brusco,	Cambridge street,	88
	Geo. E. Marble,	Hose House,	38

Number of hours in service during the year, 65.



## FIRE EXTINGUISHER.

## BABCOCK EXTINGUISHER No. 1.

## 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
Driver,	Wm. Flynn,		

Number of hours in service, 144.

## HOOK AND LADDER COMPANIES.

## J. W. LORING HOOK AND LADDER Co., No. 1.

## MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	J. S. Perkins,		130
Asst. Foreman,	J. E. Kinnington,	Bartlett place,	131
Driver,	Ardell M. Mills,	Truck House.	
	W. H. Whitman,	Layard place,	134
	A. A. Shepardson,	Orchard street,	135
	H. M. Sorrell,	Park street,	137
	Albert Young,	Carbon street,	138
	Wm. L. McLaughlin,	Maple street,	133
	James J. Lavine,	Maple street,	143
	C. C. Brown,	Summer street,	145
	Wm. L. Sheldon,	Bigelow court,	146
	Henry A. Bradley,		140
	Frank B. Jones,	Truck House,	142
	Alfred Harper,	56 Salem street,	141
	Adam Creelman,	Truck House,	132
	C. R. McAulief,	53 Market street,	139
	A. F. Nealy,	Washington street,	136
	Geo. W. Webster,	Truck House,	144

Number of hours in service, 94.

## GOOD WILL HOOK AND LADDER CO., No. 2.

## MEMBERS.

	Names.	Residence.	No. of Badge.
Foreman,	John P. Fay,	Exchange street,	148
Asst. Foreman,	W. H. Chadwick,	53 Grove street,	149
Driver,	H. A. Jones,	Truck House.	
	James P. Murphy,	Pink street,	156
	David McGrath,	Howard street,	153
	Maurace Mulcahey,	55 Union street,	159
	Thos. J. Fay,	Exchange street,	158
	Owen McGarrell,	Hanover street,	154
	Patrick Gilligan,	Truck House,	150
	Edwin Flynn,	Truck House,	152
	Patrick J. Burke,	Summer street,	151
	John W. Wilson,	Truck House.	155

Number of hours in service, 98.

## INSURANCE FIRE PATROL.

## MEMBERS.

## PERMANENT.

	Names.	Residence.
Captain,	Hiram R. Williamson,	Patrol House.
Assistant Captain,	Merritt C. Viall,	Patrol House.
Driver,	Albert Converse,	Patrol House.
	Herbert R. Shippee,	Patrol House.

## CALL MEN.

Leroy M. Alexander,	Patrol House.
Geo. W. Carr,	Patrol House.
J. Frederic Carr,	Patrol House.
Edward W. Kerwin,	Patrol House.

## FIRES AND ALARMS—INSURANCE AND LOSSES,

*For eight years, ending January 1, 1884.*

YEARS.	FIRES AND ALARMS.	INSURANCE.	LOSSES.
1876.	86	\$168,626 00	\$62,795 96
1877.	70	197,225 00	41,085 68
1878.	86	374,025 00	37,485 04
1879.	104	248,321 00	44,721 46
1880.	104	204,465 00	35,831 77
1881.	162	674,755 00	82,361 77
1882.	135	288,125 00	124,482 26
1883.*	192	464,303 00	62,558 90

\* As far as adjusted.

# 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	...	H	1	1	2	4	5	6	...	...	1	2	1	2	3	4
5	H	...	...	1	...	...	...	5	...	7	...	1	...	...	...	3	...
6	H	...	H	...	1	2	...	...	...	...	...	...	2	1	...	...	4
7	H	H	...	...	...	2	...	5	...	7	...	1	...	...	...	3	...
8	H	H	...	1	1	...	...	5	6	...	...	1	...	...	2	...	...
9	1	H	...	1	1	2	4	5	6	7	...	1	2	1	2	3	4
12	1	H	...	1	1	...	4	5	6	7	...	1	...	1	2	3	4
13	1	H	...	...	...	...	...	5	6	7	8	...	2	...	2	...	...
14	H	...	H	1	1	...	4	...	...	...	...	2	1	...	...	4	...
15	1	...	H	1	1	...	4	5	6	...	...	1	2	1	...	...	4
16	H	H	...	1	...	2	...	5	...	7	...	1	...	...	2	3	...
17	1	...	H	...	1	2	4	5	6	...	...	1	2	1	2	3	4
18	H	...	H	1	1	...	...	5	...	...	...	...	2	1	...	...	4
19	1	...	H	1	1	...	4	...	6	...	...	...	2	1	...	...	4
21	...	H	...	1	...	...	...	5	6	7	8	1	2	...	2	3	...
23	H	...	H	1	1	2	4	5	...	...	...	1	2	1	2	3	4
24	...	H	...	...	...	...	...	5	...	7	8	1	...	...	2	3	...
25	H	...	H	1	1	...	4	...	6	...	...	...	2	1	...	...	4
26	H	H	...	1	...	2	...	5	...	7	...	1	...	1	...	3	4
27	1	...	...	1	1	...	...	5	6	...	...	1	...	...	2	...	...
28	H	...	...	...	...	2	...	5	...	7	...	1	...	...	2	3	...
31	...	H	...	...	...	...	...	5	6	7	8	...	2	...	2	...	...
32	H	...	H	1	1	2	4	...	...	...	...	1	2	1	2	3	4
34	1	H	...	...	...	2	...	5	...	7	...	1	...	1	...	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	...	...	H	1	1	...	...	5	6	...	...	...	2	...	2	...	4
38	1	...	H	1	1	...	...	...	6	...	...	...	2	...	2	...	4
41	H	...	H	1	1	2	4	...	...	...	...	...	2	1	...	...	4
42	...	H	...	...	...	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	...	H	1	1	...	4	...	...	...	...	...	2	1	...	...	4
48	...	H	...	...	...	...	...	5	...	7	8	1	...	...	...	3	...
51	1	...	H	1	1	2	4	5	6	...	...	1	2	1	2	3	4
52	...	...	H	1	1	2	4	...	6	...	...	...	2	1	...	...	4
53	1	...	...	...	...	2	...	5	...	7	...	...	2	...	...	3	...
54	H	H	...	1	...	...	...	5	6	...	...	1	...	...	2	...	...
56	1	...	H	1	1	...	...	5	6	...	...	...	2	...	2	...	...
57	H	...	...	1	...	...	...	5	6	7	...	1	...	...	2	3	...
58	...	H	...	...	...	...	...	5	6	...	8	1	...	...	2	3	...
61	...	H	...	...	...	...	...	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	...	...	2	1	...	3	...
65	1	...	...	1	1	...	...	5	6	...	...	1	...	...	2	...	...
67	...	H	...	1	...	...	...	5	6	...	8	1	...	...	2	...	...
68	1	...	...	...	1	...	4	5	...	7	...	1	...	1	...	3	...
71	1	...	H	1	1	2	...	5	...	...	...	1	2	1	2	3	4
73	...	...	H	1	1	...	...	5	6	...	...	...	2	1	2	...	4
75	...	H	...	...	...	...	...	5	6	...	8	1	...	...	2	...	...
76	H	H	...	1	...	...	...	5	6	...	...	...	2	1	2	...	4
81	1	...	H	...	1	2	...	...	...	...	...	...	2	1	...	...	4
82	...	H	...	...	...	...	...	...	...	7	8	1	...	...	...	3	...
91	1	...	H	1	1	...	...	...	6	...	...	...	2	1	...	...	4

CHIEF ENGINEER'S OFFICE.

# WORCESTER FIRE DEPARTMENT.

---

OFFICE HOURS :

DAILY—10 TO 12 A. M., AND 2 TO 3 AND 5 TO 6 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. Each Company, in cases where their apparatus do 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.
5. 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.
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, Steamer No. 1 will respond.

S. E. COMBS, *Chief of Department.*

OFFICE, No. 10 BIGELOW COURT.

WORCESTER, January 1, 1884.

.



# 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 the 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 necessaries 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 the 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 foreman 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 order 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, 1884.

# WORCESTER FIRE ALARM TELEGRAPH.

ESTABLISHED 1871.

## NUMBER AND LOCATION OF BOXES.

4. Front street, City Hall.
5. Trumbull Square.
6. Corner of Laurel and Edward streets.
7. Hose Seven's House, Lamartine street.
8. Corner of Chatham and Irving streets.
9. Scott's Block, Franklin Square.
12. Corner of Main and Chandler streets.
13. Webster Square, New Worcester.
14. Hose One's House, School Street.
15. Washburn & Moen Manufacturing Co.'s Yard.
16. Southbridge street, Sargent's Card Shop.
17. Corner Main and Foster streets.
18. Corner of Lincoln and Catharine streets.
19. Corner of North and Grove streets.
21. Corner of Main and May streets.
23. Union street, Rice, Barton & Fales' Foundry.
24. Southbridge street, opposite Southgate.
25. Salisbury street, near Grove.
26. Corner of Portland and Madison streets.
27. Corner of Pleasant and West streets.
28. Corner of Millbury and Worth streets.
31. Corner of Main and Richards streets.
32. Corner of Exchange and Union streets.
34. Green street, Fox's Mill.
35. Corner of Winthrop and Vernon streets.
36. Corner of Front and Spring streets.
37. Corner of Highland and North Ashland streets.
38. Salisbury street, opposite Highland Military Academy.
41. Corner of Thomas and Summer streets.
42. Corner of Cambridge and Southbridge streets.
43. Quinsigamond Wire Mill.
45. Corner of Shrewsbury and Pine streets.
46. Hose Two's House, Grafton street.
47. Corner of Belmont street and Oak Avenue.
48. Corner of Southgate and Camp streets.
51. Lincoln Square.
52. Prescott street, A. P. Richardson's Shop.
53. Corner of Providence and Harrison streets.
54. Corner of Austin and Newbury streets.
56. Corner of William and Chestnut streets.
57. Hermon street, Taylor & Farley's Factory.
58. Corner of Woodland and King streets.
61. Gardner street, Forehand & Wadsworth's Shop.
62. Corner of Orange and Plymouth streets.
63. Washington Square.
64. Corner of Grafton and Barclay streets.
65. Elm street, opposite Linden.
67. Hose Six's House, Pleasant street.
68. Graton & Knight's Tannery, Bloomingdale.
71. Corner of Main and Central streets.
73. Corner of Wachusett and Dix streets.
75. Corner of May and Woodland streets.
76. Corner of West and William streets.
81. City Poor Farm.
82. Worcester Wire Works, So. Worcester.
91. Corner of West Boylston and Millbrook streets.

OVERSEERS OF THE POOR.



ANNUAL REPORT  
OF THE BOARD OF  
OVERSEERS OF THE POOR,  
FOR THE YEAR 1883.

---

At the Regular Monthly Meeting of the Board of Overseers of the Poor, held Jan. 4th, 1884, the following Report was adopted and the Clerk was instructed to present the same to the City Council with the request that when printed, the Board be furnished with 500 copies for their use and distribution.

Also, that the 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 full report of what has been done by this Board, for the municipal year of 1883.

As will be seen by a perusal of its pages, the old-time declaration relative to the poor being always with us, remains in its full original force. There has been no great business depression, or any special cause for destitution, during the year; yet through the influences of misfortune, and very much more so through those of intemperance with its far-reaching evil results, the great river of poverty ever flows on in our midst.

Under the administration of the later-enacted laws, the number of paupers who are City charges, instead of State ones, as formerly, has been very largely increased. As time goes on, the change will become still more apparent, and that, together with the increase of paupers consequent upon the natural growth of the city, will, during the coming year, give us still larger numbers directly dependent upon us. It is respectfully suggested that this fact should be borne in mind in calculating the appropriations necessary for the year.

One of the great drains upon the City Relief Department has been the full support of insane paupers at the various Lunatic Hospitals. During the year, there have been removed from the latter, at their own request, because of the over-crowded condi-

tion there, twenty-three harmlessly insane patients, who have been subsequently cared for at the City Almshouse.

The removal of these persons has somewhat reduced the expenditures of the City Relief Department, without correspondingly increasing those of the Farm ; while it is fully conceded by authorities competent to judge in the matter, that the patients are fully as well cared for as formerly ; and it is only a question of time when it may be thought expedient to care for all the Worcester insane paupers at its almshouse as is already being done with theirs by some other places.

#### CITY RELIEF DEPARTMENT.

The total number of families having applied for and received aid during the year, is six hundred and forty-two, comprising eight hundred and eighty-nine males, and one thousand females, or eighteen hundred and eighty-nine persons.

Of these, three hundred and ninety-nine families, consisting of six hundred and eighty-three males and eight hundred and sixteen females, or fourteen hundred and ninety-nine persons, have legal pauper settlements in this city or elsewhere ; and two hundred and forty-three families, consisting of two hundred and six males and one hundred and eighty-four females, or three hundred and ninety persons, were State paupers, or had no known place of settlement.

The whole number having a legal pauper settlement who have received full support for the whole or part of the year is two hundred and eight—one hundred and twenty-eight males and eighty females.

The number provided for at the several Insane Hospitals during the year, has been forty-eight—twenty-eight males and twenty females.

Seventy-six State paupers have been sent to the State Almshouse at Tewksbury after having been aided here to a greater or less extent.

One hundred and eight families, consisting of one hundred and ninety-six males, and two hundred and twenty-one females, or four hundred and seventeen 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, five hundred and ninety-eight orders, on various persons, for the following necessities:—

For Fuel,	\$1,479 00
Groceries,	2,825 45
Clothing,	45 18
Medicine, attendance and nursing,	314 40
Burial expenses,	704 00
Transportation of paupers,	337 78
Insane Hospital bills,	7,485 01
State Reformatory Institution bills,	1,091 62
Cash allowances,	280 84
Aid to Worcester poor in other towns,	848 62
Stationery, postage and printing,	218 81
Miscellaneous expenses,	487 16
	<hr/>
Total,	\$16,117 87

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.	Cost of 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, 1882.	328	\$308 00	\$380 50		\$23 75	\$52 00	\$27 84	\$2,135 09	\$2 75	\$480 80	\$31 75	\$13 00	\$85 50	\$3,540 98
January, 1883.	376	259 00	365 00		23 15	60 00	38 05	31 11	14 75	5 14	81 75	33 75	39 37	951 07
February,	314	242 50	329 00		23 45	10 00	43 85		19 25		141 52	13 50	40 30	863 37
March,	369	276 50	374 00	\$8 13	29 25	97 00	31 46	2,066 63	10 75		16 00	41 00	64 25	3,014 97
April,	238	109 00	296 00	6 00	21 40	140 00	11 70		21 30	256 25	31 00	4 00	43 75	940 40
May,	134	25 00	241 30	10 25	26 85	40 00	15 30		4 00		114 72	49 15	31 50	558 07
June,	112	4 50	159 65	4 25	22 90	45 00	16 00	1,940 36	31 84		12 00	4 00	18 37	2,258 87
July,	102	22 50	112 00		25 25	70 00	12 75	150 29	8 60	190 30	171 58	5 00	21 00	789 27
August,	120	13 00	128 00		35 70	55 00	56 70		49 00		35 50	5 00	34 12	412 02
September,	117	25 00	122 00		38 25	50 00	1 00	1,094 16	29 85		25 50	5 25	33 25	1,424 26
October,	158	75 00	146 00	14 55	24 25	60 00	48 40	67 37	22 50	159 13	26 00	22 16	32 00	697 36
November,	230	119 00	172 00	2 00	20 20	25 00	34 73		66 25		161 30	23 00	43 75	667 23
	2598	\$1,479 00	\$2,825 45	\$45 18	\$314 40	\$704 00	\$337 78	\$7,485 01	\$280 84	\$1,091 62	\$848 62	\$218 81	\$487 16	\$16,117 87



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, 1882,	328	\$308 00	\$199 15	\$146 10	\$653 25
January, 1883,	376	398 45	173 00	207 50	778 95
February,	314	324 80	153 00	133 50	611 80
March,	369	421 65	178 75	160 70	761 10
April,	238	294 55	115 60	125 65	535 80
May,	134	172 65	80 40	81 85	334 90
June,	112	160 15	83 65	50 70	294 50
July,	102	110 70	90 65	62 95	264 30
August,	120	96 85	93 15	94 85	284 85
September,	117	112 15	83 95	85 55	281 65
October,	158	182 35	109 95	73 80	366 10
November,	230	243 15	153 10	108 90	505 15
	2598	\$2,825 45	\$1,514 85	\$1,332 05	\$5,672 35

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,	16,117 87
Total Expenditures,	\$18,417 87

The resources have been as follows : —

Appropriation by City Council,	\$15,000 00
Received in reimbursement from State, and other cities and towns, and individuals,	3,460 63
Total Receipts,	\$18,460 63
Total Expenditures,	18,417 87
Unexpended balance, November 30, 1883,	\$42 76

List of Insane persons who have a legal pauper settlement in this city and who have received full support at the Insane Hospital during the whole or a part of the year.

REGISTERED No.	NAME.	AGE.	BIRTHPLACE.	PLACE OF SUPPORT.
2147	Helen Boulger,	19	England,	Wor. Lunatic Hospital.
2259	Wm. H. H. Carter,	—	Unknown,	" " "
1980	Mehitable Cobleigh,	—	Unknown,	" " "
2042	John Curley,	41	Ireland,	" " "
1277	Frank C. Cook,	17	Worcester,	" " "
1903	Thomas J. Drooney,	27	Grafton,	" " "
1292	Abbie Donahue,	—	Unknown,	" " "
1657	Selina Davis,	—	Unknown,	" " "
2370	Thomas Drohan,	36	Grafton,	" " "
2383	Johanna Donahue,	—	Unknown,	" " "
2380	Kate Dooley,	35	Ireland,	" " "
2402	James J. Dunn,	33	Ireland,	" " "
2291	Bridget Finnegan,	25	Ireland	" " "
2341	Patrick Finneran,	—	Unknown,	" " "
729	Bridget Foley,	69	Ireland,	" " "
2466	John N. Ginn,	40	Pittsfield,	Northampton L. Hosp.
312	Patrick Grace,	50	Ireland.	Wor. Lunatic Hospital.
246	Albert S. Garfield,	56	England,	" " "
761	George H. Gates,	—	Unknown,	" " "
759	Michael Goulding,	32	Worcester,	" " "
1281	James P. Hogan,	33	W. Boylston,	" " "
2399	Thomas Higgins,	28	Ireland,	" " "
599	Latham B. Howard,	—	Unknown,	" " "
2115	Patrick Holly,	50	Ireland,	" " "
1276	John Jackson, Jr.,	33	Salem,	" " "
2026	Johanna Kennedy,	33	Ireland,	" " "
1339	John Kelly,	47	Ireland,	" " "
2010	John Looney,	28	Ireland,	" " "
1030	Honora Leary,	46	Ireland,	" " "
2636	Bartholomew Larrin,	38	Ireland,	" " "
2106	Jennie M. Laying,	31	Worcester,	" " "
1012	Mary McGrath,	47	Ireland,	" " "
1347	Morris Maroney,	—	Ireland,	" " "
2054	Frank McGarrell,	39	Ireland,	" " "
1198	Bernard B. McDermott,	48	Ireland,	" " "
655	James P. Mulcahey,	45	Worcester,	" " "
1734	Johanna O'Brien,	50	Ireland,	" " "
1908	Fanny C. Perry,	32	Unknown,	" " "
1273	Edith C. Pierce,	27	Unknown,	" " "
1428	Mary Ronan,	37	Ireland,	" " "
202	John Sweeney,	36	Ireland,	" " "
1052	Catherine Sullivan,	39	Ireland,	" " "
2092	Alonzo V. Stoneberger,	38	Ohio,	" " "
2431	Johanna Sullivan,	31	Ireland,	" " "
1312	Mary Toomey,	51	Ireland,	" " "
2184	Sarah E. Walker,	35	Unknown,	" " "
2260	Peter Walsh,	40	Ireland,	" " "
2381	William Whittaker,	—	Unknown,	" " "

Persons having a legal pauper settlement in Worcester, sentenced to and having full support at Bridgewater Workhouse.

Registered Number.	NAME.	AGE.	BIRTHPLACE.
2208	James T. Courtney . . . . .	47	Ireland.
725	Patrick McGunnigle . . . . .	45	Ireland.
1136	John Radda . . . . .	55	Ireland.
2035	Humphrey M. Tyler . . . . .	57	New Hampshire.
2645	Owen Kennedy . . . . .	29	Ireland.

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.
2330	Thomas Curran . . . . .	16	Unknown.
2330	John Curran . . . . .	15	Worcester.
1250	Thomas Grady . . . . .	19	Unknown.
1565	William Maple . . . . .	16	Worcester.
285	Henry McCann . . . . .	15	Worcester.
1141	Lawrence Quirk . . . . .	17	Worcester.
2041	Orrin A. Seaward . . . . .	—	Unknown.
85 of 1883.	Fred. Vallie . . . . .	15	Leicester.
2579	Franklin W. Burns . . . . .	16	Worcester.

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.
1904	Mary Ann Cahill . . . . .	14	England.
1301	Jennie C. Manning . . . . .	16	Canada.
491	Inez M. Richardson . . . . .	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.
1830	John Boyle . . . . .	13	Worcester.
701	Thomas Breslin . . . . .	16	Worcester.
2389	Joseph Ducette . . . . .	10	Canada.
36 of 1876.	Clarence Gaylord . . . . .	13	Worcester.
667	William H. Kelly . . . . .	—	Worcester.
593	Edward Ratigan . . . . .	12	Worcester.
2416	Austin P. Towne . . . . .	14	Wales.
76 of 1876.	Sarah T. Erwin . . . . .	16	Worcester.

## CITY ALMSHOUSE DEPARTMENT.

As has already been mentioned elsewhere, there have been transferred from the Insane Hospitals, to the Almshouse, during the year, twenty-three harmlessly insane patients. To properly accommodate these, and the more which are likely to follow, as well as to supply room for the additional sane inmates, who in the natural course of events, will have to be provided for at the almshouse, it will probably be necessary during the year, to enlarge the building in some way; and in making the appropriations for this department, it is requested that allowance be made for this purpose, as well as for the increased expenses in the maintenance of the institution on account of the persons above mentioned.

Certain sheds are also very much needed on the premises, and the building of them is strongly recommended.

The enclosure where the demented and partially insane inmates may have out of door exercise in good weather, without the probability of their absconding, which has been spoken of in former reports as being very much needed, has not yet been made, and in view of the still greater necessity for it now, it is strongly urged that it may not fail to be provided at an early day.

The steam appliances for the kitchen, which at the time of writing of our last report were in process of being put in, have, during the year, been completed, and are found to be a great convenience and source of labor-saving.

A fire extinguishing arrangement has been added to the north wing of the building, and a fire escape provided, both of which promise to be great safeguards, in case of their services being required.

The annual inspection of the Farm, by the City Authorities and by a large number of gentlemen connected with the Pauper Departments of other places, and so, interested in such matters, occurred on the 27th of October last.

Every part of the establishment, both in-doors and out, was visited and examined carefully by the gentlemen present, and they expressed the highest commendation of what they saw; and

the institution was pronounced by those eminently qualified to judge, to be in every respect, a model of its kind, and as exhibiting on every hand, the strongest evidence of good management and efficiency on the part of the Superintendent and Matron.

On Thursday, Nov. 22nd, the Board of Overseers of the Poor, together with the Board of Assessors, met at the farm for the purpose of making the annual appraisal of the whole premises; at the conclusion of which, they presented the following as the entire valuation for the year 1883.

96 acres of cleared land at \$80,	\$7,600 00
75 " Wood " " 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 building 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
Swine-house and pens,	10,000 00
Pump-house buildings and water-works,	3,000 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.,	9,150 56
Furniture and household utensils,	6,704 65
Appurtenances of Truant School,	124 37
Scavenger Department,	7,661 00
Telephone line,	300 00
	<hr/>
Total valuation, 1883,	\$93,940 58
Total valuation, 1882,	92,965 23
	<hr/>
Difference in favor of 1883,	975 35

As is usual on such occasions, a minute inspection of the entire premises was afforded to and made by the two Boards; and in the present instance, as has always heretofore been the case, everything was found to be in most excellent shape, and indica-



tive of the utmost faithfulness on the part of Mr. and Mrs. Parkhurst, in the discharge of their duties.

The number of persons who have been supported at the alms-house, for a greater or less part of the year, has been one hundred and fifty-five—ninety-five males, and sixty females. Of these forty-two males, and thirty-five females, or seventy-seven persons, continue as inmates at the present time.

List of paupers who have been fully supported at the Alms-house during the year 1883:—

Registered Number.	NAME.	AGE.	BIRTHPLACE.	PERIOD OF SUPPORT.		REMARKS.
				BEGAN.	ENDED.	
3	David Kimball,	50	Worcester,	Jan. 5, '57	Continues.	
4	Allen Cummings,	46	Ware,	Apr. 2, '57	Continues.	
87	Thomas Crowley,	64	Ireland,	July 23, '68	Continues.	
245	John Luby,	56	Ireland,	Feb. 6, '73	Continues.	
294	Jerry O'Leary,	56	Ireland,	Aug. 1, '73	Continues.	
395	James Mackin,	76	Ireland,	June 29, '75	Continues.	
443	Mary McCarty,	—	Unknown,	Feb. 29, '76	Continues.	
519	Roxanna Lennon,	52	Ireland,	Sept. 17, '77	Continues.	
533	William Gardiner,	76	Conn.	Dec. 11, '77	Continues.	
581	Louisa Hood,	—	Unknown,	July 1, '78	Continues.	
604	Peter McGirl,	80	Ireland,	Nov. 25, '78	Continues.	
612	Joseph Lawler,	21	Worcester,	Dec. 21, '78	Continues.	
613	George Gleason,	62	Worcester,	Jan. 8, '79	Continues.	
622	George Armsperger,	44	Germany,	May 25, '79	Continues.	
633	Ellen Coffee,	79	Ireland,	Sept. 8, '79	Continues.	
635	Mary A. Williams.	74	Westford,	Oct. 10, '79	Continues.	
638	Barbara Kohl,	40	Germany,	Oct. 23, '79	Continues.	
640	Edwin Robie,	61	Cambridge,	Nov. 1, '79	Continues.	
650	Bridget Mulghany,	59	Ireland,	Jan. 10, '80	Feb. 14, '83	Died.
652	Thomas Jakeman,	20	Boston,	Jan. 22, '80	Feb. 12, '83	Died.
660	Mary Hogan,	73	Ireland,	March 5, '80	Feb. 23, '83	
663	Lizzie Shea,	37	Ireland,	Apr. 6, '80	Continues.	
667	Thomas McCann,	—	Unknown,	Apr. 22, '80	Continues.	
669	Edwin Salmon,	24	Uxbridge,	May 1, '80	Oct. 27, '83	Died.
709	William Jones,	76	Salem,	Dec. 1, '80	March 16, '83	Died.
713	Ellen Gallagher,	74	Ireland,	Dec. 31, '80	Continues.	
744	William Cathar,	74	Europe,	May 23, '81	Continues.	
747	Josephine Maple,	36	Worcester,	June 2, '81	Continues.	
795	Henry P. Dodge,	71	R. I.,	Dec. 29, '81	June 22, '83	Died.
804	Catharine Battles,	55	Ireland,	Jan. 12, '82	Continues.	
811	Abbie L. Cogshall,	51	Maine,	Jan. 22, '82	July 31, '83	
816	Casemir Henreich,	39	Germany,	March 2, '82	July 4, '83	Died.
817	Frank H. Mason,	24	Worcester,	March 2, '82	Continues.	
818	Thomas B. Smith,	58	Oxford,	March 31, '82	Continues.	
821	Margaret Dee,	36	Sheffield,	March 29, '82	Aug. 2, '83	Died.
828	Margaret Sullivan,	—	Ireland,	May 8, '82	Continues.	
833	James O'Brien,	36	Ireland,	May 18, '82	May 14, '83	
835	Mary Goodnow,	—	Canada,	June 1, '82	Apr. 28, '83	
836	James Belden,	69	Northfield,	June 23, '82	Continues.	
837	James Reekie,	13	Worcester,	July 2, '82	Dec. 2, '82	
838	Patrick Noon,	47	Ireland,	July 5, '82	Continues.	
843	James Smith,	51	Ireland,	Aug. 10, '82	Continues.	
845	Johanna McKenna,	46	Ireland,	Aug. 17, '82	March 17, '83	
847	Frank Kelly, Sr.,	55	Ireland,	Sept. 9, '82	Feb. 28, '83	
858	Phillip Kelly,	70	Ireland,	Nov. 16, '82	Feb. 28, '83	
859	John Healey,	40	Ireland,	Nov. 18, '82	Jan. 18, '83	Died.
860	Willie Fitzgerald,	4	Worcester,	Nov. 18, '82	Dec. 19, '82	
861	Margaret Collins,	42	Ireland,	Nov. 20, '82	Jan. 22, '83	Died.
862	Maggie O'Brien,	22	Ireland,	Nov. 25, '82	Dec. 19, '82	
863	James Hayden,	Inf.	Worcester,	Nov. 25, '82	Dec. 19, '82	
864	Morris Quirk,	67	Ireland,	Nov. 25, '82	Continues.	
865	Hannah Curran,	80	Ireland,	Nov. 27, '82	Continues.	
866	Bernard Cavanaugh,	12	Worcester,	Dec. 8, '82	Dec. 30, '82	
867	John Cavanaugh,	6	Worcester,	Dec. 8, '82	Dec. 30, '82	
868	Mary Cavanaugh,	10	Providence,	Dec. 8, '82	Dec. 30, '82	
869	Bernard Radigan,	16	Unknown,	Dec. 9, '82	May 10, '83	
870	Henry Pratt,	45	Conn.	Dec. 9, '82	Dec. 11, '82	
871	Henry H. McCruden,	47	Ireland,	Dec. 16, '82	May 10, '83	

## LIST OF PAUPERS.—Continued.

Registered Number.	NAME.	AGE.	BIRTHPLACE.	PERIOD OF SUPPORT.		REMARKS.
				BEGAN.	ENDED.	
872	Elizabeth Radda,	14	Worcester,	Dec. 18, '82	Sept. 11, '83	
873	Walter Radda,	7	Worcester,	Dec. 18, '82	Sept. 13, '83	
874	Louis Davis,	3	Brookfield,	Dec. 22, '82	Dec. 26, '82	
875	Patrick Hurley,	52	Ireland,	Dec. 26, '82	March 31, '83	
876	Delia Dwyer,	80	Ireland,	Dec. 29, '82	May 21, '83	
877	John Erwin,	52	Ireland,	Dec. 30, '82	May 1, '83	
878	Stephen Erwin,	13	Worcester.	Dec. 30, '82	June 17, '83	
879	Michael McGrath,	56	Ireland,	Jan. 1, '83	April 1, '83	
880	Thomas Riley,	41	England,	Jan. 5, '83	Continues.	
881	Latham B. Howard,	59	Vermont,	Jan. 9, '83	March 17, '83	
882	Peter Mayo,	29	Canada,	Jan. 21, '83	Continues.	
883	Mary Erwin,	—	Ireland,	Jan. 26, '83	March 14, '83	
884	James Erwin,	4	Worcester,	Jan. 26, '83	March 14, '83	
885	Joshua Hill,	85	Spencer,	Jan. 27, '83	Continues.	
886	Asahael L. Fairbanks,	82	Athol,	Feb. 20, '83	April 16, '83	
887	Ann Rice,	90	Ireland,	Feb. 23, '83	Continues.	
888	Sarah A. Ward,	65	Leicester,	March 1, '83	Continues.	
889	Jack Robinson,	Inf.	Worcester,	March 1, '83	March 10, '83	
890	Ephraim A. Willard,	54	Charlton,	March 17, '73	May 17, '83	
891	Michael Ready,	11	Worcester,	March 20, '83	Apr. 9, '83	
892	Bridget Cullion,	50	Ireland,	March 23, '83	Apr. 25, '83	
893	Lucy Packard,	69	Princeton,	Apr. 4, '83	May 29, '83	Died.
894	Enoch Stallardt,	67	N. H.,	Apr. 12, '83	Continues.	
895	Mary Hogan,	74	Ireland,	Apr. 16, '83	Continues.	
896	John Cawood,	58	England,	Apr. 20, '83	May 10, '83	
897	Eli P. Buck,	72	Vermont,	Apr. 20, '83	May 4, '83	
898	Frank Little,	68	Canada,	Apr. 21, '83	Sept. 22, '83	
899	Mary Welch,	17	Ireland,	Apr. 21, '83	Aug. 11, '83	
900	Freddie Willard,	Inf.	Worcester,	Apr. 21, '83	Aug. 11, '83	
901	Daniel Leahey,	65	Ireland,	Apr. 30, '83	May 5, '83	Died.
902	James Connelly,	5	Worcester,	May 5, '83	May 9, '83	
903	Mattie Connelly,	4	Worcester,	May 5, '83	May 9, '83	
904	Lizzie Connelly,	2	Worcester,	May 5, '83	May 9, '83	
905	John Murphy,	81	Ireland,	May 14, '83	Continues.	
906	Delina Mayo,	28	Canada,	May 17, '83	June 23, '83	
907	Joseph Mayo,	8	Worcester,	May 17, '83	June 23, '83	
908	Freddie Mayo,	6	Worcester,	May 17, '83	June 23, '83	
909	Eddie Mayo,	4	Worcester,	May 17, '83	June 23, '83	
910	Theodore Mayo,	3	Worcester,	May 17, '83	June 23, '83	
911	Margaret Curry,	65	Ireland,	May 18, '83	Continues.	
912	Sarah O'Neil,	24	Worcester,	May 18, '83	Aug. 2, '83	
913	William P. Kelly,	27	Millbury,	May 21, '83	June 18, '83	
914	Michael Radda,	11	Worcester,	May 21, '83	Sept. 11, '83	
915	William H. Peyton,	64	Virginia,	June 12, '83	July 6, '83	Died.
916	Annie L. Fales,	36	Conn.,	June 14, '83	July 23, '83	
917	Humphrey M. Tyler,	57	N. H.,	June 15, '83	Sept. 1, '83	
918	Edith C. Pierce,	27	Unknown,	June 16, '83	Continues.	
919	Sarah E. Walker,	36	Unknown,	June 16, '83	Continues.	
920	Selina Davis,	—	Worcester,	June 18, '83	Continues.	
921	Helen Bulger,	19	England,	June 18, '83	Continues.	
922	Fanny C. Perry,	32	Unknown,	June 18, '83	Continues.	
923	Mchitable Cobleigh,	—	Unknown,	June 21, '83	Continues.	
924	Bridget Finnegan,	25	Ireland,	June 21, '83	Continues.	
925	Johanna Kennedy,	33	Ireland,	June 21, '83	Continues.	
926	Johanna O'Brien,	60	Ireland,	June 21, '83	Continues.	
927	Ann Burns,	35	Ireland,	June 21, '83	Continues.	
928	John Burns,	11	Worcester,	June 21, '83	Oct. 19, '83	
929	James Burns,	9	Worcester,	June 21, '83	Oct. 19, '83	
930	Mary Burns,	7	Worcester,	June 21, '83	Sept. 26, '83	
931	Edward Burns,	5	Worcester.	June 21, '83	Continues.	

## OVERSEERS OF THE POOR.

277

LIST OF PAUPERS.—*Continued.*

Registered Numbered.	NAME.	AGE.	BIRTHPLACE.	PERIOD OF SUPPORT.		REMARKS.
				BEGAN.	ENDED.	
932	Rosanna Burns,	1	Worcester,	June 21, '83	Continues.	
933	Mary Ronan,	37	Ireland.	June 21, '83	Continues.	
934	Catharine Sullivan, 3d,	39	Ireland.	June 21, '83	Continues.	
935	Johanna Sullivan,	31	Ireland,	June 21, '83	Continues.	
936	Honora Leary,	—	Unknown.	June 21, '83	Continues.	
937	John Laverty,	12	Worcester,	July 1, '83	Aug. 24, '83	
938	Bridget Lawler,	55	Ireland,	July 11, '83	July 30, '83	
939	Mary Conlon,	30	Conn.,	July 11, '83	July 30, '83	
940	John Conlon,	Inf.	Worcester,	July 12, '83	July 30, '83	
941	John Hurley,	34	England,	July 17, '83	July 18, '83	
942	Kate Hurley,	34	England.	July 17, '83	July 21, '83	
943	Mary Hurley,	4	Waltham,	July 17, '83	July 21, '83	
944	William Dineen,	35	Lawrence,	July 25, '83	Sept. 1, '83	
945	Thomas Fallon,	66	Ireland,	July 29, '83	Aug. 6, '83	
946	John Cawood,	58	England,	Aug. 1, '83	Aug. 6, '83	
947	Flora Darling,	2	Unknown,	Aug. 4, '83	Nov. 30, '83	
948	Ann Conlon,	71	Ireland,	Aug. 10, '83	Continues.	
949	George H. Gates,	32	Worcester,	Aug. 13, '83	Continues.	
950	Michael Goulding,	32	Worcester,	Aug. 13, '83	Continues.	
951	James P. Hogan,	33	W. Boylston,	Aug. 13, '83	Continues.	
952	Thomas Higgins,	28	Ireland,	Aug. 13, '83	Continues.	
953	A. V. Stoneberger,	38	Ohio,	Aug. 13, '83	Continues.	
954	John Looney,	28	Ireland,	Aug. 13, '83	Continues.	
955	Thomas J. Drooney,	27	Grafton,	Aug. 14, '83	Continues.	
956	Patrick Grace,	50	Ireland,	Aug. 14, '83	Continues.	
957	John Jackson, Jr.,	33	Salem,	Aug. 14, '83	Continues.	
958	Louis Brooks,	38	Virginia,	Aug. 15, '83	Sept. 22, '83	
959	John Moore,	24	Worcester,	Aug. 15, '83	Continues.	
960	Patrick Boyle,	14	Worcester,	Aug. 28, '83	Oct. 1, '83	
961	John Quinn,	63	Ireland,	Aug. 28, '83	Oct. 13, '83	
962	Eliza Quinn,	62	Ireland,	Aug. 28, '83	Oct. 13, '83	
963	Frank Kelly,	54	Ireland,	Aug. 29, '83	Continues.	
964	James O'Brien,	60	Ireland,	Sept. 25, '83	Continues.	
965	George A. Moore,	41	Worcester,	Oct. 18, '83	Continues.	
966	Thomas J. Morse,	76	Brookfield,	Oct. 18, '83	Nov. 7, '83	
967	Mary Goodnow,	—	Canada,	Oct. 22, '83	Continues.	
968	Edward Deady,	55	Ireland,	Oct. 23, '83	Nov. 26, '83	
969	Margaret Riley,	80	Ireland,	Nov. 1, '83	Continues.	
970	Daniel Brosnihan,	—	Ireland,	Nov. 1, '83	Nov. 14, '83	



## CITY ALMSHOUSE DEPARTMENT.

Monthly Accounts.	Number of Inmates.	Amount of Expenditures.	Amount of Receipts.	Net Cost.
December, 1882 . . . . .	65	\$1,505 10	\$479 47	\$1,025 63
January, 1883 . . . . .	63	2,316 85	357 67	1,959 18
February . . . . .	63	1,109 10	402 84	706 26
March . . . . .	64	1,901 28	400 24	1,501 04
April . . . . .	65	1,369 56	370 78	998 78
May . . . . .	73	1,660 21	330 99	1,329 22
June . . . . .	82	1,311 58	457 38	854 20
July . . . . .	83	1,411 46	364 18	1,047 28
August . . . . .	92	1,631 29	364 62	1,266 67
September . . . . .	83	1,765 69	322 02	1,443 67
October . . . . .	81	1,849 03	348 27	1,500 76
November . . . . .	77	1,361 72	360 42	1,001 30
		\$19,192 87	\$4,558 88	\$14,633 99

Appropriations,  
Receipts,

\$14,633 99

4,558 88

Total,

\$19,192 87

Expenditures,

19,192 87

## CITY SCAVENGER DEPARTMENT.

The history of this department for the past year shows it, beyond all question, as an unqualified success. Viewed in the light in which it was first inaugurated, namely, that of a sanitary measure, its value, in promoting the cleanliness, and through that, the health of the city, cannot be too highly estimated.

It is very gratifying to be able to state that it is, as well, a pecuniary success. Our predictions that it would, after certain necessary outlay of capital, become in a great measure, self-supporting, are this year plainly fulfilled.

In the bringing about of these desirable results, great credit is due to the Superintendent for his judicious management of the department in all its branches. Especial pains are taken by him in procuring and keeping the most desirable stock, and in the caring for it in the best possible manner. That such is the case, and so appreciated, is constantly being proved by applications, both from similar institutions in other places and from private



individuals, for animals from the Worcester Piggery, while as for the City Farm pork, the following item from one of our dailies, speaks for itself :—

“ ‘ Parkhurst’s Favorite ’ attracted much attention in White, Pevey & Dexter’s window on Front street yesterday. It was a seven-months-old hog, which weighed, dressed, 185 pounds, measured  $3\frac{1}{2}$  feet in length, and cut four inches of clear pork on the back, and five inches on the shoulders. ‘ The best hog ever shown in Worcester,’ was the common remark, and it is to the credit of Supt. Parkhurst of the City Farm that pork of his raising is in demand at higher prices than the best western pork.”

To provide for the increasing demand for the collecting of swill, it will be necessary during the coming Summer to employ two more teams, and in estimating the appropriation for this department, allowance must be made for their purchase and maintenance.

As the buildings have not been painted for some years, it is also recommended that that item of expenditure be taken into consideration.

## CITY SCAVENGER DEPARTMENT.

Monthly Accounts.	Amount of Expenditures.	Amount of Receipts.	Net Cost.	Receipts above Expenditures.
December, 1882 . . . . .	\$530 05	\$108 10	\$421 95	
January, 1883 . . . . .	1,438 88	71 50	617 38	
February . . . . .	802 92	40 00	762 92	
March . . . . .	856 60	67 25	789 35	
April . . . . .	695 05	175 28	519 77	
May . . . . .	515 14	40 00	475 14	
June . . . . .	471 30	2,984 38		\$2,513 08
July . . . . .	489 88	101 00	388 88	
August . . . . .	534 45	1,579 57		1,045 12
September . . . . .	477 97	97 00	380 97	
October . . . . .	515 26	59 00	456 26	
November . . . . .	467 72	1,425 40		957 68
	\$7,795 22	\$6,748 48	\$4,812 62	\$4,515 88

Appropriations by City Council, \$2,866 01

Receipts from Department, 6,748 48

Total, \$9,614 49

Total expenditure, 7,795 22

Unexpended balance Nov. 30th, 1883, \$1,819 27

### TRUANT SCHOOL DEPARTMENT.

The location of the Truant School remains as heretofore. During the year, however, a change has been made in the school-room furniture, the old desks having been removed, and more desirable ones substituted at a cost of about fifty dollars.

The average number of pupils belonging has not been quite as large as during 1882. But as the action of the school, in the suppression of truancy is full as great as a preventive agent, as that of a curative one, little need be added as to its efficacy.

A complete report as to number sentenced, discharged, etc., during the year, as well as of other matters of interest concerning it, will be found in the report of the Superintendent of Schools, and of 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, &c.	Total Cost.
December, 1882 .	13	\$25 00	\$162 74	\$2 93	\$190 67
January, 1883 . .	10	25 00	89 64	12 49	127 13
February . . . . .	8	25 00	88 20	16 25	129 45
March . . . . .	7	25 00	91 44	50 12	166 56
April . . . . .	10	25 00	75 96	2 00	102 96
May . . . . .	7	25 00	66 96		91 96
June . . . . .	10	25 00	96 48		121 48
July . . . . .	9	25 00	95 40	10 00	130 40
August . . . . .	7	25 00	77 04	2 00	104 04
September . . . .	8	25 00	46 80		71 80
October . . . . .	8	25 00	84 24	14 00	123 24
November . . . . .	9	25 00	100 44	66 60	192 04
		\$300 00	\$1,075 34	\$176 39	\$1,551 73

Cost of Teaching,	\$300 00
“ “ Board,	1,075 34
“ “ Clothing,	176 39
Total cost,	\$1,551 73
Appropriation,	\$1,598 98
Expenditures,	1,551 73
Unexpended balance Nov. 30th, 1883,	\$47 25
Average cost per pupil,	193 96

The city has been happily exempt during the past year, from any eruption of those dread diseases which at times occasion so much care and anxiety on the part of those who have the poor in charge. But as the City Physician will, in his report, furnish full information on the subject, we will leave it—merely pausing to thank him as well as the many others with whom we have had official relations, for their many acts of kindly consideration.

All of which is respectfully submitted.

GEORGE W. GALE, *Clerk.*

SAMUEL E. HILDRETH, *Mayor.*

W. ANSEL WASHBURN, *City Marshal.*

ALBERT P. MARBLE, *Supt. of Schools.*

J. LEWIS ELLSWORTH,

CHARLES BELCHER,

CHARLES B. PRATT,

JAMES B. McMAHON,

ALZIRUS BROWN,

DENIS C. LEONARD,

*Overseers of the Poor of City of Worcester.*

NOVEMBER 30th, 1883.

# 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 November 30, 1883 :

There has been nothing unusual in the history of this School the past year ; and the ordinary workings of the institution have been fully set forth in former reports. It is important however to rehearse briefly each year the objects sought by this School in order that the public may be reminded of its utility. Among the 10,000 children who daily attend school there is a certain per cent. who do not appreciate their privileges. The chronic cases will not probably exceed 200. These children are usually destitute of proper parental care ; they are exposed to temptations of all sorts on the street ; and they are full of life and activity—and by no means dull or stupid. Under proper restraint they become good citizens. They are emphatically worth saving.

Under the Statute, the Truant Officers find out and bring these boys to School when their absence has become frequent and the teachers' influence fails. Upon a repetition of the offence the truant is brought before the Superintendent of Schools and admonished and warned. The parents are seen and their influence is brought to bear upon the boy. When all this fails and the boy persists in running away, he is brought before the court, and if found guilty he is sentenced to this School for

a period of from six months to two years; but before the sentence can be pronounced the Agent of the State Board of Health, Lunacy and Charity, and the parents also must be notified. It is therefore next to impossible that any one should be sentenced wrongfully; and it is as difficult to convict a boy of truancy as to convict a man of a much more serious crime.

When sent to the School each boy is clothed and fed comfortably, well housed, and well taught. He may have almost as much liberty as any farmer's boy, if only he earns it by good conduct; and he may, by studious and orderly behavior, very considerably reduce the length of his sentence.

Experience has shown that in a majority of cases boys put to this School have been reformed; but in some cases they fall again into their old habits and are re-sentenced. It is not, however, mainly for the benefit of the few who are sent here that this School is useful. For every boy who persists in his truancy till he reaches this School, there are ten or more who are deterred from their bad habits on the way by the influence of the School.

For the expenses of the ensuing year the appropriation should be \$1,500.00.

## STATISTICS FOR THE YEAR ENDING NOV. 30, 1883.

Number sentenced since forming of the School in 1863,	267
Number sentenced during the year,	19
	—
Total,	286
Number at the beginning of the year,	12
Number sentenced during the year,	19
	—
Total during the year,	31
Number discharged at expiration of sentence,	18
Number discharged by pardon,	4
Number eloped and not returned,	0
	—
Total number who have left,	22
Number remaining December 1, 1883,	9
Greatest number belonging at any one time,	13
Smallest number belonging at any one time,	5
Average number belonging,	8
Average age on admission,	11 years 6 months.



Cost of teaching,	\$300 00
Cost of clothing,	176 39
Cost of board,	1,075 34
Total expense,	\$1,551 73
Average cost per pupil,	193 96
<hr/>	
Appropriation,	\$1,598 98
Expended,	1,551 73
Balance,	\$47 25

Respectfully submitted.

A. P. MARBLE,	}	Committee on the Truant School.
<i>Supt. of Schools.</i>		
W. ANSEL WASHBURN,		
<i>City Marshal.</i>		
CHAS. B. PRATT,	}	
<i>Ch. Com. on the City Farm.</i>		

WORCESTER, November 30, 1883.

# CITY ORDINANCES.

---

## CHAPTER XXX.

### OVERSEERS OF THE POOR.

---

SECTION 1. The overseers of the poor shall elect a clerk who shall not be one of their own number. He shall be sworn to the faithful performance of the duties of his office, and shall keep a fair and intelligible record of all the doings of the overseers of the poor, and of all facts relating to any aid or assistance granted or refused by said overseers, and, at the expiration of his term of office the record aforesaid shall be delivered to his successor in office, or to the city clerk for the use of the city. He shall be governed in the performance of his duties by such rules and regulations as may be prescribed by said overseers, or by any order or orders passed from time to time by the City Council.

SECTION 2. It shall be the duty of said clerk to keep an accurate account of all moneys received and expended by him, on account of the poor, and to make out and prepare for the overseers of the poor the annual returns and statistics required by law to be made to the Secretary of the Commonwealth.

SECTION 3. Said overseers shall cause books to be kept, wherein shall be entered all information required by the general laws of this Commonwealth, in regard to such persons as shall have been aided; and also all further information in regard to every case of relief given, or refused, that may be of importance to the City of Worcester or to the Commonwealth to preserve, stating the amount and kind of aid given, and the reasons for giving such aid, or for refusing the same; such information to be so arranged as to be readily referred to upon the books.

SECTION 4. All books, records, reports, papers and property, belonging to said overseers may at any time be examined by the Board of Aldermen, or any person or committee which said board of Aldermen or the City Council shall direct or appoint to inspect and examine the same.

SECTION 5. Said overseers shall meet on the first Friday evening of each month for the transaction of the general business of the board, and at such other times as they may from time to time order or direct at any regular meeting, or at any time when called to meet by order of the Mayor.

SECTION 6. During the month of December in each year said overseers shall submit to the City Council a full report of all their doings, receipts and

expenditures for the year ending with the last day of the November preceding, together with such information and suggestions as they shall deem it expedient to present to the City Council, or shall be requested to furnish by an order of the Board of Aldermen or City Council; and they shall, whenever requested by the Board of Aldermen or City Council, communicate such information as may be desired by either.

IN BOARD OF ALDERMEN, FEBRUARY 11, 1884.

Received, accepted, and ordered placed on file.

Sent down for concurrence.

E. H. TOWNE, *Clerk.*

IN COMMON COUNCIL, FEBRUARY 11, 1884.

Concurred.

S. HAMILTON COE, *Clerk.*

# REVISED CITY CHARTER

IN RELATION TO

## OVERSEERS OF THE POOR.

---

SECTION 23. The Board of Overseers of the Poor in the City of Worcester, shall consist of nine members, residents of said city. The Mayor, Superintendent of Public Schools and the City Marshal shall be *ex-officio* members of the Board. The Mayor shall be *ex-officio* President of the Board. The City Council shall elect, by joint ballot, six persons to be members of said Board of Overseers, two to be elected in the month of December in each year, and to hold their offices for the term of three years from the third Monday of January then next ensuing, and until others shall be elected and qualified in their places. But no more than one of the six members, so to be elected, shall be eligible for any one ward of said city. Vacancies occurring in the Board may be filled by joint ballot of the City Council, at any time, the member so elected to hold office for only the unexpired term of the member who has ceased to hold office. The City Council shall also have power, at any time, for cause, to remove either of said overseers from office. The Board shall be organized, annually, on the third Monday of January.

Said overseers shall perform the duties of the Overseers of the Poor, of the Directors of the Almshouse, and of the Truant Commissioners in the City of Worcester, as required by the statutes of the Commonwealth, and subject to the ordinances of the City of Worcester, and there shall be elected no other officers for the performance of said duties in said city.

BY-LAWS  
OF THE  
OVERSEERS OF THE POOR  
OF THE CITY OF WORCESTER.

---

SECTION 1. The Mayor shall be Chairman, and as such shall exercise the rights and perform the duties of the presiding officer of the Board, governed by parliamentary law; and in his absence the Board shall appoint a chairman *pro tem*. For transaction of business, five members shall constitute a quorum.

SECT. 2. At the first meeting of the Board in January, when the new members take their seats, and before the transaction of any other business, they shall be qualified, according to law, by taking the oath of office, which shall be administered by the Chairman. The Board shall then choose a Clerk, as prescribed by the City Ordinance, who shall perform such duties as shall be prescribed by said City Ordinances and the rules of this Board: he shall keep a full and impartial record of all meetings of this Board, and full accounts of all expenditures of the department, and an intelligible record of all persons aided, either temporarily or permanently, recording all facts in connection with each case that may come to his knowledge by reasonable inquiry and investigation, and reporting all new cases at the next succeeding meeting.

SECT. 3. There shall be appointed at this first meeting of the Board by the Chair, four standing committees, of three members each; one on finance, one on the farm, one on relief, and one on truant school.

SECT. 4. The Finance Committee shall examine all bills, and if found correct, shall audit the same.

SECT. 5. The Committee on the Farm shall have charge of the farm and the inmates of the Institution. Under the direction of the Board they shall make, advise, or order all purchases and supplies for the same, and examine and approve all bills contracted therefor. They shall visit the institution monthly, and make to the Board at each monthly meeting a report of the condition of the same.

SECT. 6. The Committee on Relief shall direct no aid to be allowed, unless the case has been fully examined, and a proper record made of all the facts connected therewith. In cases of doubt [as to settlement] they shall examine with the Clerk all new applicants for relief, who, if found entitled thereto, shall then receive temporary aid. The Committee shall examine all bills for aid authorized by the Clerk, and shall audit the same if found correct.



SECT. 7. The Committee on the School shall have control of all matters relating to the interests of the Truant School. They shall furnish the requisite books and apparatus; employ the teacher, and in cases of difficulty, decide questions of discipline.

SECT. 8. The regular meetings of the Board shall be held in the Aldermen's room on the first Friday of each month, and the Chairman may call special meetings whenever it may be necessary.

SECT. 9. These By-Laws may be altered or amended at any regular meeting of the Board, provided the alteration has been proposed at a previous regular meeting, and the subject laid over one month.

Adopted by unanimous vote of Board.

GEORGE W. GALE, *Clerk*.

February 8, 1867.

---

RULES RELATING TO MANAGEMENT OF THE ALMSHOUSE  
AND FARM.

---

A book shall be kept by the Superintendent, in which shall be recorded the date and character of all business transactions relating to, or in behalf of, the Institution.

A full record of the products of the Farm shall be kept in detail, and of all purchases and sales, whether made by the Superintendent or others.

Adopted by unanimous vote of the Board.

GEORGE W. GALE, *Clerk*.

WORCESTER, December 7, 1866.

RULES AND REGULATIONS  
TO BE OBSERVED AT THE  
ALMSHOUSE AND FARM,  
IN THE CITY OF WORCESTER.

---

1st. The whole establishment shall be under the general supervision of the Board of Overseers of the Poor.

2d. The immediate direction of the Institution shall be under the supervision of a Superintendent and a Matron.

3d. It shall be the duty of the Superintendent and Matron to see that the inmates labor in such a way, and at such times, as they may direct, and that no one shall be permitted to lead an idle life.

4th. The Superintendent shall see that the industrious and deserving are rewarded, and the idle and dissolute are punished.

5th. It shall be the duty of the Superintendent to make a monthly report to the Board of Overseers at their monthly meetings, of any information he may be possessed of relating to the interests of the Institution.

6th. No person shall be allowed to visit the Institution on the Sabbath, without a permit from some member of the Board of Overseers, or the Superintendent.

7th. No person shall be allowed to converse or have intercourse with any prisoner sent to the Institution by the Police, or any other Court, without permission of the Superintendent, or some member of the Board of Overseers.

8th. It shall be the duty of the Superintendent to see that all sentences imposed upon persons sent by any Court, are strictly enforced.

9th. The Superintendent and Matron shall in no instance whatever, leave the Institution at the same time, without permission from some member of the Committee on the Farm, and not then until some suitable person shall be obtained by them to take charge of the Institution during their absence.

10th. The Superintendent is expressly directed to prohibit all persons from bringing or drinking *Ardent Spirits* upon the premises, without direction of the attending physician.

11th. It shall be the duty of the Superintendent and Matron to see that all the inmates of the Institution bathe as often as once a week, unless otherwise directed by the attending physician.

12th. No Pauper shall leave the Almshouse without permission from the Superintendent.

13th. The Superintendent is hereby directed to report to the Board of Overseers, any inmate who shall refuse to comply with the foregoing regulations relating to their discipline and government.

Adopted by unanimous vote of the Board.

GEORGE W. GALE, *Clerk.*

WORCESTER, February 8, 1867.

---

#### ADMISSION OF VISITORS.

---

“Friends of inmates of the Almshouse, will be allowed to visit them, on a permit from the Clerk of the Board, on Wednesday afternoons, for half an hour, once a month only, except in cases of sickness or special emergency; and in all cases the Superintendent or Matron may exercise discretionary power as to admitting or excluding visitors even when furnished with a permit from the Clerk, if in their judgment the said admission would prove injurious either to the inmate visited, or to the discipline of the establishment.”

Adopted by unanimous vote of the Board.

GEORGE W. GALE, *Clerk.*

WORCESTER, November 22, 1883.

BILL OF FARE AT CITY ALMSHOUSE.

---

## SUNDAY.

*Breakfast.*—Coffee, sugar, milk, bread and fried pork or ham.

*Dinner.*—Baked beans, and brown bread.

*Supper.*—Tea, sugar, milk, bread, butter and doughnuts, pie or ginger-bread.

## MONDAY.

*Breakfast.*—Coffee, sugar, milk, bread, and baked beans.

*Dinner.*—Soup and bread, or fresh meat and potatoes.

*Supper.*—Indian hasty pudding, or bread and milk.

## TUESDAY.

*Breakfast.*—Coffee, sugar, milk, bread and hashed meat.

*Dinner.*—Boiled beef with pork, vegetables and bread.

*Supper.*—Chocolate or tea, with sugar, milk and bread.

## WEDNESDAY.

*Breakfast.*—Coffee, sugar, milk, bread and fried pork or ham.

*Dinner.*—Fresh or salt fish, potatoes and bread.

*Supper.*—Bean porridge, or bread and butter.

## THURSDAY.

*Breakfast.*—Coffee, sugar, milk, bread and hashed fish.

*Dinner.*—Boiled beef and pork, with potatoes and bread.

*Supper.*—Chocolate or tea, with sugar, milk, and bread.

## FRIDAY.

*Breakfast.*—Coffee, sugar, milk, bread, hashed meat or fish.

*Dinner.*—Salt fish, potatoes and bread.

*Supper.*—Chocolate or tea, with sugar, milk, bread and butter.

## SATURDAY.

*Breakfast.*—Coffee, sugar, milk, bread and hashed fish.

*Dinner.*—Soup and bread.

*Supper.*—Bread and butter, tea, with sugar and milk.

---

At a regular meeting of the Board of Overseers of the Poor of the City of Worcester, held at the City Almshouse, January 12th, 1862, the above bill of fare was adopted by unanimous vote.

# REGULATIONS

FOR THE GOVERNMENT OF THE

# TRUANT SCHOOL

OF THE CITY OF WORCESTER.

---

## SECTION I.

ARTICLE 1. The School shall be under the general direction of the Committee on the Truant School, which shall be appointed by the Mayor, from the Board of Overseers of the Poor.

## SECTION II.

ARTICLE 1. The Superintendent of the Almshouse shall keep a separate book of accounts for the Truant School, in which he shall credit all appropriations for its support, and all the labor of the boys at a price fixed by the Board of Overseers of the Poor, and he shall charge against the school all the expenses incurred for its support, including the cost of the clothing and the board of the boys, and the salary and board of the teacher.

ART. 2. It shall be the duty of the Superintendent to aid the teacher to secure prompt attendance in the School, ready obedience, good deportment and faithfulness to study.

## SECTION III.

ARTICLE 1. It shall be the duty of the teacher of the Truant School to keep a register of attendance, in which shall be noted the date, cause and length of, and authority for, every case of tardiness or absence from the school. The teacher shall also keep a faithful record of the deportment of each scholar, with the reason for, nature and extent of every punishment inflicted, either personally or by the Superintendent.

ART. 2. The teacher shall make a quarterly report of the above and other matters pertaining to the interests of the school, to the Board of Overseers of the Poor, at their meeting next succeeding the close of the quarter.

ART. 3. The teacher shall labor to inspire the pupils with self-respect, and to this end, shall insist on cleanliness of person; and shall strive to inculcate principles of morality and justice.



ART. 4. The teacher shall assemble them every Sunday forenoon, and spend an hour with them in the reading and study of the New Testament, but shall strictly abstain from all sectarian comment.

ART. 5. Vacations of two weeks each, in the Spring, Summer, Autumn and Winter, *may* be allowed, at a time fixed by the Committee. And the regular exercises of the school *may* be omitted on Saturdays.

ART. 6. It shall be the duty of the teacher to assemble and meet the pupils at other times than the hours of school, and especially on Saturdays and Sundays, that she may acquaint herself with their character and needs, in order thereby the better to effect their reform.

ART. 7. It shall be the duty of the Superintendent to see that all regulations of the school are faithfully enforced.

## GENERAL REGULATIONS.

ARTICLE 1. From the 1st of April to the first of October, there shall be only one session of the Truant School each day, which shall invariably begin at 8 a. m., and close at 12 m. No boy shall be kept out of the school for any purpose whatever, except in cases of emergency in the busy farming season, and every such case shall be recorded as provided in Sec. 3, Article 1, and reported by the Superintendent at the next meeting of the Board of Overseers of the Poor. It shall also enter into the next quarterly report of the teacher. From the 1st of October to the 1st of April, there shall be two daily sessions of the school, from 9 a. m. to 12 m., and from 2 to 4 p. m.; and on no account shall a boy be taken from the school during this season, except by permission previously obtained from the Mayor or some member of the Committee on the Truant School.

ART. 2. The use of tobacco, in any form, by the boys, is prohibited, and both the Superintendent and teacher are held responsible for the enforcement of this prohibition.

ART. 3. The teacher shall be employed and salary fixed by the Committee on the School, subject to the approval of the Board, but no teacher shall be engaged without previously passing a satisfactory examination according to the laws of the Commonwealth and the rules of the School Committee of the City of Worcester.

ART. 4. Each pupil, whose deportment and scholarship have been satisfactory for one month, shall be entitled to some privilege or reward not otherwise granted; and continuous good conduct shall be rewarded by a recommendation for pardon one month or more before the expiration of the sentence.

These regulations shall be made known to each boy when he enters the school.

ART. 5. The rate of board per week to be charged by the Superintendent against the teacher and pupils of the Truant School, shall be fixed annually by the Overseers of the Poor at their regular meeting in January, but they may

change it at any time they deem it necessary, by a vote of a majority of the members of the Board. The price per hour of the services of the boys shall also be fixed at the same time and in the same manner, subject likewise to the same conditions of change.

GEORGE W. GALE, *Clerk.*

---

## CHAPTER 190—ACTS OF 1878.

### AN ACT CONCERNING THE SETTLEMENT OF PAUPERS.

*Be it enacted, &c., as follows:—*

SECTION 1. Legal settlements may be acquired in any city or town, so as to oblige such place to relieve and support the persons acquiring the same, in case they are poor, and stand in need of relief, in the manner following, and not otherwise, namely:

*First.* A married woman shall follow and have the settlement of her husband, if he has any within the State; otherwise her own at the time of the marriage, if she then had any, shall not be lost or suspended by the marriage.

*Second.* Legitimate children shall follow and have the settlement of their father, if he has any within the State, until they gain a settlement of their own; but if he has none, they shall in like manner follow and have the settlement of their mother, if she has any.

*Third.* Illegitimate children shall follow and have the settlement of their mother at the time of their birth, if she then has any within the State; but neither legitimate nor illegitimate children shall gain a settlement by birth in the place where they may be born, if neither of their parents then has a settlement therein.

*Fourth.* Any person of the age of twenty-one years, having an estate of inheritance or freehold in any place within the State, and living on the same three years successively, shall thereby gain a settlement in such place.

*Fifth.* Any person of the age of twenty-one years, who resides in any place within this State for five years together, and pays all state, county, city or town taxes, duly assessed on his poll or estate, for any three years within that time, shall thereby gain a settlement in such place.

*Sixth.* Any woman of the age of twenty-one years, who resides in any place within this State for five years together, shall thereby gain a settlement in such place.

Provided, however, that nothing in this section contained shall be construed to give to any person the right to acquire a settlement, or be in process of acquiring a settlement while receiving relief as a pauper, unless within five years from the time of receiving such relief he shall reimburse the cost thereof to the city or town furnishing the same.

*Seventh.* Any person being chosen, and actually serving one whole year in the office of clerk, treasurer, selectman, overseer of the poor, assessor, constable, or collector of taxes, in any place, shall thereby gain a settlement therein. For this purpose, a year shall be considered as including the time between the choice of such officers at one annual meeting and the choice at the next annual meeting, whether more or less than a calendar year.

*Eighth.* Every settled ordained minister of the gospel shall be deemed to have acquired a settlement in the place wherein he is or may be settled as a minister.

*Ninth.* A minor who serves an apprenticeship to a lawful trade for the space of four years in any place, and actually sets up such trade therein within one year after the expiration of said term, being then twenty-one years old, and continues there to carry on the same for five years, shall thereby gain a settlement in such place; but being hired as a journeyman shall not be considered as setting up a trade.

*Tenth.* Any person who shall have been duly enlisted and mustered into the military or naval service of the United States, as a part of the quota of any city or town in this Commonwealth, under any call of the President of the United States during the late civil war, or duly assigned as a part of the quota thereof, after having been enlisted and mustered into said service, and shall have duly served for not less than one year, or shall have died, or become disabled from wounds or disease received or contracted while engaged in such service, or while a prisoner in the hands of the enemy, and the wife or widow and minor children of such person, shall be deemed thereby to have acquired a settlement in such place; and any person who would otherwise be entitled to a settlement under this clause, but who was not a part of the quota of any city or town, shall, if he served as a part of the quota of this Commonwealth, be deemed to have acquired a settlement in the place where he actually resided at the time of his enlistment. But these provisions shall not apply to any person who shall have enlisted and received a bounty for such enlistment in more than one place, unless the second enlistment was made after an honorable discharge from the first term of service, nor to any person who shall have been proved guilty of wilful desertion, or to have left the service otherwise than by reason of disability or an honorable discharge.

*Eleventh.* Upon the division of a city or town, every person having a legal settlement therein, but being absent at the time of such division, and not having acquired a legal settlement elsewhere, shall have his legal settlement in that place wherein his last dwelling-place or home happens to fall upon such divisions; and when a new city or town is incorporated, composed of a part of one or more incorporated places, every person legally settled in the places of which such new city or town is so composed, and who actually dwells and has his home within the bounds of such new city or town at the time of its incorporation, and any person duly qualified as provided in the tenth clause of this section, who, at the time of his enlistment, dwelt and had his home within such bounds, shall thereby acquire a legal settlement in such new place: *provided*, that no persons residing in that part of a place, which, upon

such division, shall be incorporated into a new city or town, having then no legal settlement therein, shall acquire any by force of such incorporation only; nor shall such incorporation prevent his acquiring a settlement therein within the time and by the means by which he would have gained it there if no such division had been made.

SECT. 2. No person who has begun to acquire a settlement by the laws in force at and before the time when this act takes effect, in any of the ways in which any time is prescribed for a residence, or for the continuance or succession of any other act, shall be prevented or delayed by the provisions of this act: but he shall acquire a settlement by a continuance or succession of the same residence or other act, in the same time and manner as if the former laws had continued in force.

SECT. 3. Except as hereinafter provided, every legal settlement shall continue till it is lost or defeated by acquiring a new one within this State; and upon acquiring such new settlement all former settlements shall be defeated and lost.

SECT. 4. All settlements acquired by virtue of any provision of law in force prior to the eleventh day of February in the year one thousand seven hundred and ninety-four, are hereby defeated and lost: *provided*, this shall not apply where the existence of such settlement prevented a subsequent acquisition of settlement in the same place under the provisions of clauses fourth, fifth, sixth, seventh, eighth, ninth, tenth, and eleventh of the first section of this act, or under the same provisions in other statutes existing prior to the passage of this act; and *provided, further*, that, whenever a settlement acquired by marriage has been thus defeated, the former settlement of the wife, if not defeated by the same provision, shall be deemed to have been thereby revived.

SECT. 5. Chapter sixty-nine of the General Statutes, chapter two hundred and eighty-eight of the acts of the year one thousand eight hundred and sixty-six, section one of chapter three hundred and twenty-eight of the acts of the year one thousand eight hundred and sixty-eight, chapter three hundred and ninety-two of the acts of the year one thousand eight hundred and seventy, chapter three hundred and seventy-nine of the acts of the year one thousand eight hundred and seventy-one, chapter two hundred and eighty of the acts of the year one thousand eight hundred and seventy-two, and chapter two hundred and seventy-four of the acts of the year one thousand eight hundred and seventy-four, are hereby repealed, saving all acts done, or rights accruing, accrued, or established, or proceedings, doings, or acts ratified or confirmed, or suits, or proceedings had or commenced, before the repeal takes effect.  
[Approved April 26, 1878.]



## CHAPTER 242.

AN ACT TO AMEND "AN ACT CONCERNING THE SETTLEMENT  
OF PAUPERS."

*Be it enacted, &c., as follows :—*

SECTION 1. Section one of chapter one hundred and ninety of the acts of the year eighteen hundred and seventy-eight is hereby amended by striking out, in the sixth clause thereof, the words "without receiving relief as a pauper," and by adding at the end of said section the words following:—"Provided, however, that nothing in this section contained shall be construed to give to any person the right to acquire a settlement, or be in process of acquiring a settlement while receiving relief as a pauper, unless within five years from the time of receiving such relief he shall reimburse the cost thereof to the city or town furnishing the same."

SECT. 2. The provisions of said sixth clause shall be held to apply to married women who have not a settlement derived by marriage under the provisions of the first clause and to widows; and a settlement thereunder shall be deemed to have been gained by any unsettled woman upon the completion of the term of residence therein mentioned, although the whole or a part of the same accrues before the passage of this act. [*Approved April 22, 1879.*]



# REPORT OF THE CITY PHYSICIAN.

---

*To his Honor the Mayor,*

*And Gentlemen of the City Council :*

The year that has passed brought us no epidemic, or any prevalent sickness of an alarming character. The diseases which have come under my notice, were mainly due to weather changes and exposures, or to those causes—which are always found in a city like ours—and depend upon some departure from the right way of living. These last are now generally called filth diseases. By this term, it is not to be understood that actual filth and dirt are always present where they prevail—but that crowded tenements, bad air, poor food, and defective drainage, together with the habitual use of miserable stimulants, have their full share in producing them.

Since my last Report I have made, under the direction of the Clerk of the Board of Overseers of the Poor, five hundred and forty-two visits, to the sick poor, and have given advice at the office to one hundred and sixty-eight. Twelve patients, upon examination, were considered insane and committed to the State Lunatic Hospital, and two were sent to their friends.

If some of the benevolent people of the City could go with me in my daily round, and see the vast amount of pain, sickness, misery, want and destitution, which the charity of the City provides for and relieves, they would, I am sure, look upon the Department of relief to the Poor as one of the noblest, most useful and beneficent for which we have to provide. It should be encouraged and supported, not grudgingly, but with full and liberal hands. I have kept office hours regularly each week—in term time—for the vaccination of school children, and three hundred and fifty-two have been the recipients of this most

enlightened charity. I have vaccinated all who apply, but I am satisfied that many come who have no right to take this liberty, for they are well able to pay for a service which, the intent of the statute only orders for the poor. It may be, that the advantage of having every child in the City vaccinated more than compensates for the small amount that these persons, without right, take from the City.

The inmates of the Almshouse, at the City Farm, I am pleased to report, have enjoyed a degree of comfort and health during the year, very creditable to the excellent management, and good accommodations, of that institution. The sick have been well nursed and cared for—the feeble and old have had every attention that kind hearts and willing hands could bestow—and the feeble and imbecile, have been furnished with a comfortable, clean and, to them, a luxurious home.

Twelve have died, all from diseases chronic, protracted, and in the end, necessarily fatal. The following is the list :—

John Healy, aged 40, Consumption.  
Margaret Collins, 42, Consumption.  
Thomas Jakeman, 20, Epilepsy and Exposure.  
Bridget Murphy, 59, Senile Dementia.  
William Jones, 76, Consumption.  
Daniel Leahy, 65, Paralysis.  
Lucy Packard, 69, Consumption.  
Henry F. Dodge, 71, Dysentery.  
Casimir Henreich, 39, Heart Disease.  
William H. Peyton, 64, Bright's Disease.  
Margaret Dee, 36, Consumption.  
Edwin Salmon, 24, Epilepsy.

Twenty-one chronic, harmless, insane persons, have been removed from the Lunatic Hospital to the new wards in the Almshouse provided for them. They are as comfortable and happy there as their mental condition will admit of, and all the time are under the watchful eye of experienced and kind attendants.

Twenty of the sick poor of the City have died under my care during the year, viz. :—

Mary Mayo, aged 78, Paralysis.  
David Buckley, 65, Rheumatism.

Henry Holdsworth, 56, Heart Disease.  
Caroline A. Willard, 47, Pneumonia.  
Patrick Powers, 31, Consumption.  
Patrick Hart, 49, Consumption.  
Thomas Foley, 70, Senile Dementia.  
Asahael Fairbanks, 85, Consumption.  
Ellen M. Feehan, 39, Paralysis.  
Susan Carpenter, 56, Consumption.  
John Welch, 62, Internal Strangulation.  
Joannah V. Maloney, 41, Abdominal Tumor.  
John Joyce, 28, Consumption.  
Mary Bullard, 85, Old age.  
Richard Welch, 59, Consumption.  
Mary Hickey, 43, Pneumonia.  
Edith D. Locke, 6 months, Cholera Infantum.  
Patrick Conolly, 10, Tubercular Meningitis.  
Maggie Conolly, 1 year, Cholera Infantum.  
Jeremiah Foley, 26, Consumption.

Many others, who were attended by me through their sickness, but who were not under my care at the time of their death, are not reported in this list.

The City Hospital has at all times been a great assistance to me, and has materially lightened the responsibilities of my work. Night or day, I have never knocked at its door in vain. Injuries, accidents, cases of sickness without homes or friends, have all been most promptly and cheerfully received, whenever I have made application for them. It is a beautiful little Hospital, and an enlightened christian charity.

The use of the City Ambulance has been placed at my disposal, at all times, by the courtesy of the City Marshal.

My thanks are due to Mayor Hildreth for his advice and assistance, to Mr. Gale, and to the Police, for their kindness in promptly responding to all my calls.

All which is respectfully submitted.

RUFUS WOODWARD, M. D.,

*City Physician.*



# REPORT OF THE CITY MARSHAL.

---

*To His Honor the Mayor,*

*And the City Council of the City of Worcester :*

GENTLEMEN :—I herewith have the honor of presenting for your consideration, another Annual Report of the doings and condition of the Police Department, from December 1, 1882, to November 30, 1883, inclusive.

The whole number of arrests have been 3,253.

Males,	2,981	Minors,	415
Females,	272	Residents,	2,379
Americans,	1,522	Non-residents,	874
Foreigners,	1,731		
Adults,	2,838	Total,	3,253

Total number committed to House of Correction and other institutions, 1,288.

Whole number of complaints made against arrested parties, 3,315, as follows, viz. :—

Assault and battery,	151	Common drunkard,	104
Assault on officer,	24	Capias,	16
Assault with weapon,	11	Cruelty to animals,	8
Adultery,	6	Common nuisance,	6
Attempt to commit abortion,	2	Carrying concealed weapon,	2
Attempt to burn building,	2	Common railer and brawler,	2
Attempt to commit rape,	1	Cruelty to children,	1
Assuming to be an officer,	1	Drunkenness,	1,888
Abandoning infant child,	1	Drunkenness, 2d offense,	173
Breaking and entering with		Drunkenness, 3d offense,	65
intent to steal,	40	Disturbing the peace,	133
Breaking glass,	11	Driving away team,	10
Bastardy,	9	Defrauding boarding-house,	8
Burning building,	2	Defacing building,	5
Bestiality,	1	Defrauding hotel,	1



Evading railroad fare,	9	Perjury,	5
Embezzlement,	3	Peddling without license,	3
Escaped prisoner,	1	Run away from home,	14
Fornication,	13	Run away from State Pri-	
Fast driving,	3	mary School,	2
False pretence,	1	Run away from U. S. Train-	
Gaming Sunday,	9	ing Ship,	2
Highway robbery,	3	Run away from Reform	
Horse thief,	1	School,	1
Insane,	18	Run away from Almshouse,	1
Indecent language in street,	14	Receiving stolen goods,	1
Indecent exposure of person,	7	Stubborn and disobedient,	21
Indecent assault,	1	Selling mortgaged property,	3
Interfering with officer,	1	Selling leased property,	1
Keeping unlicensed dog,	13	Truants,	21
Keeping noisy and disorderly		Trespass,	18
house,	1	Threatening,	12
Larceny,	139	Violating liquor law,	119
Lewdness,	9	Violating City Ordinances,	50
Malicious mischief,	8	Vagrancy,	43
Manslaughter,	2	Violating Sunday law,	13
Neglect of family,	16	Violating screen law,	7
Night walkers,	9	Violating Registration law,	1
Obstructing officers,	5	Walking on railroad tracks,	7
Obstructing railroad track,	2		

The expenses of the Department for the year have been as follows, viz. :

Pay-roll of Patrolmen,	\$57,915 75
Salary of Marshal and Assistants,	4,400 00
Salary of Captain,	1,200 00
Salary of Sergeants,	1,533 24
Paid for Cloth,	620 94
“ “ Horse keeping, repairs, &c.,	593 12
“ W. L. Plaisted & Son, crackers,	165 00
“ W. H. Jourdan, coal (Station 2),	93 91
“ Evans & Co., buttons,	73 75
“ W. Ansel Washburn, sundries,	71 77
“ Rent of telephone and telephone fixtures,	62 94
“ Clark, Sawyer & Co. (Furnishing Station 2),	50 38
“ Printing and advertising,	47 65
“ B. Walker & Co., ice (1882),	15 11
“ “ “ “ “ 1883, Station 1, \$11.85;	
Station 2, \$9.48,	21 33
“ Drs. Wood, Woodward and Goodwin, medical	
attendance (police summons),	38 00
“ M. W. Cunningham and Learned, Newton & Co.,	
oil (Station 2),	35 64

Paid Div. No. 42, sundries,	35 48
" Dea. Griffin, City Auditor, stationery,	30 52
" Duncan, Goodell & Co., handcuffs and lanterns,	26 56
" J. B. Bardwell, wood (Station 2),	23 80
" S. O. Aborn, helmets,	24 00
" Mary Butler, washing Station 1,	19 25
" Margaret Mack, washing Station 2,	6 03
" Kendall & Longley, insurance on teams,	18 00
" J. H. Clarke & Co., dry goods (Station 2),	14 64
" T. M. Woodward, sign (Station 2),	12 00
" R. M. Colby, traveling expenses,	11 85
" N. Taylor, sundries,	11 50
" W. O. Wilder, tin cups,	10 00
" Chas. F. Rugg, soap,	9 75
" H. C. Fish, bedstead (Station 2),	6 50
" M. T. Carter, photographs,	6 00
" T. D. Gard, badges,	5 00
" Mason Brush Works and Hyland, brushes and cushions,	4 45
" Cynthia Hadley, sewing for Station 2,	3 99
" J. W. Jordan, repairs at Station 2,	3 75
" Johnson & Bye, repairs of handcuffs,	3 00
" P. O'Day, traveling expenses,	2 95
" Denholm & McKay, brass plate,	2 50
" F. O. Fisher, water-filters,	2 00
" Wm. Ross, setting glass,	2 25
Total,	<hr/> \$67,234 30

There has been expended in building and furnishings for Police Station No. 2, about \$12,000. Of this sum, none of the bills have passed through my hands, although paid from our appropriation; so I have no record of them. This difference will appear between this Report and that of the Auditor.

## EARNINGS AND RECEIPTS.

Appropriation for 1883,	\$70,000 00
Received, Court fees for 1882,	8,993 57
" " " 1883,	1,048 20
" For cloth,	792 49
" " City team, 1883,	448 06
" " Extra service of Police,	198 50
" " Damage to cells,	10 00
" " Helmet,	3 00
Total,	<hr/> \$81,493 82

The earnings of this Department for the present year, have been as follows:—

Court fees,	\$8,796 06
Cloth sold,	792 49
Use of City team,	448 06
Extra service of Police,	198 50
Damage to cells,	10 00
Helmet sold,	3 00
Total,	<hr/> \$10,248 11

Making the net cost of the Department, including the new station, about \$79,234.30.

Of the Earnings and Receipts for the present year, the sum of \$2,500.25 has been paid into the City Treasury, leaving \$7,747.86 to be applied as revenue for the next year.

As a final result, of the finances, I have turned over to the Sinking Fund, as unexpended balance, the sum of \$2,321.87.

In addition to the amount of \$10,248.11, earned by this Department, there has been received about Two Hundred dollars by the City Clerk, for attendance of Officers at the Theatre. This sum has not been credited to us, but has been turned into the Treasury, and credited to the City Clerk, as fees of his office. It makes no difference so far as the City Treasury is concerned, but every department is entitled to the credit of its own earnings.

In connection with this subject, I will say that the court officers, during the present year, have had restrictions placed upon them, so far as court fees are concerned, that have never been imposed upon any other administration, and I think no other police department in this Commonwealth, has had the same rules to comply with.

I herewith present a copy of an order issued by the Central District Court February 8, 1883.

“ORDER OF COURT.

“No charge for a team within the mile circle on original process in criminal cases will be allowed, unless the officers in the presence of the defendant shall make it appear to the Clerk that such charge was rendered necessary by the inability or refusal of defendant to walk, or

for some similar reason ; and all arrests will presume to have been made within the mile circle, unless the officer shows to the contrary.

“Charges for team outside the mile circle, will be allowed for reasonable amounts, when they appear to be reasonably necessary.

“For the use of the city team, under the foregoing limitations, fifteen cents per mile one way will be allowed.

“Charges for aid must be presented to the Clerk, in the presence of the defendant, must be shown to have been necessary and reasonable in amount, and will not be allowed for aid rendered by persons who are practically complainants, without special order of the court.

“In case a warrant is served by a person other than the officer making the arrest, no fees for aid, travel or attendance, or as a witness, will be allowed such person making the arrest, or to any one for summoning him as a witness.

“Officers having a warrant with a subpoena therein, will be allowed travel for a subpoena only, except extra travel necessary to arrest defendant.

“When two or more complaints are made against the same person, only one warrant will be issued, except for good cause shown.”

Another subsequent order also provides, “that when two witnesses are summoned to appear on a case, but one of them shall be allowed to draw a witness fee;” thus cutting down the revenue for these fees, just one-half.

I have charged on warrants, this year, the fee allowed by the Statutes, for keeping prisoners, thereby making for the department a very creditable showing.

No one can deny, but what arrests can be made quicker, safer, and with much more decency, and with more respect to officer and prisoner, especially for drunkenness, or riot, when crowds always collect around the officer, or when any considerable distance has to be traversed by the use of teams.

Although the law allows us in such cases to command the assistance of any one, or even hire teams from the stables, and pay the prices there charged, we have, so far as possible, obeyed the order of the court.

The whole number of warrants served by the officers (principally by Assistant Marshals Taylor and Atkinson), has been three thousand one hundred and forty-one (3,141).

Number of lodgers provided with food and lodgings	
at the Central Station, during the year, is	3,808
At Station 2,	383
Total,	<hr/> 4,191

## MISCELLANEOUS DUTIES.

Accidents reported,	10
Burglaries reported,	3
Buildings found open,	530
Careless driving,	7
Disturbances suppressed,	86
Defective sidewalks reported,	31
Defective streets reported,	29
Dead bodies cared for,	4
Fire alarms given,	12
Fire extinguished without alarm,	15
Intoxicated persons sent home,	59
Injured persons cared for,	28
Lost children restored to friends,	73
Lights not burning at 9 o'clock p. m.,	1,118
Lights hung in dangerous places,	22
Nuisances reported,	11
Runaway horses reported,	58
Teams put up and cared for,	41
Value of stolen property recovered,	\$3,500 00
Value of goods found exposed carelessly,	\$154 00
Water running to waste,	12

A very large portion of this class of business is never reported by the officers performing the same, and consequently is not placed upon our records.

When changes occur in such rapid succession as in the management of this department, perfect discipline has not, nor cannot be attained, and much that would stand to our credit, is necessarily omitted.

## EXTRA DUTY.

The idea is sometimes advanced, that it would be better to have the men all confined to one relief, to go on duty at 6 or 7 o'clock p. m. and remain all night.

This theory is good, where but a limited number of men are required, and those requirements confined to *night watching only*; the same as was practiced here twenty years ago, and which is now in operation in small cities and towns, where no other police duty is required or expected.

No city of the size of Worcester, but what *must have a reserve force*. The officer of to-day when he answers roll-call at the ex-



piration of his hours of duty, does not go home, and there remain until his next regular turn, but is called upon for a variety of duties; among which are expected of them, and which is getting to be something of a nuisance, *is an escort* for everything, from armed bodies of militia to Sunday school pic-nics. No society or parade but what must be furnished with an escort. Whether this custom has been found necessary, either by giving character to the occasion, or for protection merely (especially when the aforesaid societies leave the city, and not unfrequently the State), is a question I believe not yet settled. Of this class of details, no record is made. Yet it calls for a very large number of men during the year.

The number of days of legitimate police duty (extra) performed by the officers at Station 1,	
during the year, has been	1,224
Station 2,	324
Total,	<hr/> 1,548

In addition to this, the number of officers that have reported to Assistant Marshal Taylor to assist at fires has been 260.

We feel that an amount of good is done in this manner, not easily computed, and we trust that those succeeding us, will attend to this duty, as faithfully as we have. Having for several years been a member of this same fire department, I can appreciate well directed efforts of police upon these occasions.

Captain Taylor has won for himself much credit for the prompt and very efficient manner with which he has conducted police matters at every fire during the year. His untiring energy and gentlemanly conduct has induced more than an average attendance of officers, without making special details, as has heretofore been found necessary.

The results of this, we leave for the good order, and entire exemption from loss of property by thieves or pilferers, to show for themselves.

#### POLICE STATION No. 2.

Situated on Lamartine street, nearly one mile from City Hall, was occupied by Sergeants John W. Hadley and Charles W.

Barker, with a detail of sixteen men from the Central Station, February 26, and was formally opened and dedicated on the evening of the 28th, by His Honor the Mayor, and both branches of the City Council, together with invited guests to the number of 80. A general inspection of the building and appurtenances was had during the evening, giving everyone a chance to thoroughly examine the lock-up or prison, sleeping rooms, recreation rooms and offices, after which the entire party accepted an invitation to the drill room in the third story, where a bountiful collation had been prepared, and all partook of the hospitalities of his Honor Mayor Hildreth, who welcomed the party in a spirited speech, which was followed by others, each of which congratulated the city upon this step taken, and trusting that it would prove the "opening wedge," which would secure to other parts of the city similar quarters, and to the rest of the department a station and facilities suitable for their business.

That this station has been a great benefit to the department, no one can deny, and its usefulness to the city will increase with its age. The building was *not* what should have been; being built for an entirely different purpose, and not particularly well adapted for that, but this department being so long in need of something of this nature, was satisfied to put up with most anything in order to be accommodated at all, and have the experiment of more Station Houses inaugurated.

The Central Station has outgrown and outlived its usefulness, and I would recommend the turning of the Armory Building on Waldo street into a Police Station.

This building would give ample room for our business, besides furnishing good Court rooms, and all facilities which are now denied us. I would also recommend a sub-station at the North End, in the vicinity of Prescott street, and one at or near the corner of Grafton street and Bloomingdale road.

A place for the temporary confinement of prisoners was made at Lake Quinsigamond during the past season, which of itself, was of great benefit to that locality. It more than saved the cost of construction, as but one officer was required there, where two have been employed before. The property of this somewhat

famous resort has recently passed into the hands of H. H. Bigelow, Esq., who, I understand, intends to have a station there, that will not only be permanent, but be of corresponding value to this department.

In connection with and in addition to this subject, the need of an increase of the force again presents itself. This subject has so often been brought to the attention of preceding Councils, that the matter will probably be considered *threadbare*, and treated accordingly; but that does not lessen the want, or satisfy those who are calling for police protection, day as well as night. We have in this city, as well as every other, a large class of lawless boys (yes, and men and women too), who are capable of making their neighborhoods a perfect pandemonium, not to say worse, and their talents in this direction are not allowed to lie dormant unless they are constantly under police surveillance.

As will be seen by this report, between fifteen and sixteen hundred days extra duty has been performed during the year, and a large portion of this time has been in patrolling the outlying districts, where this crowd congregates, for the purpose of trespass, pilfering and doing all sorts of lawless acts, and more particularly on the Sabbath.

No time, during the Summer and Autumn, can a man within three, and I don't know but I might say five miles of the City Hall, have an orchard, garden, or even a flower-bed, and feel that he is not going to be robbed by this army of scamps, that make this the aim and object of their lives. If the man of the house is constantly at home, he is usually successful in defending his premises, but woe to the place when left in charge of the female portion of the household.

Elm Park is another location which should have the benefit of police. Too much time and money has been spent there to longer allow a lawless tribe to mutilate and destroy what has been done with so much care and taste. It is now a luxury, denied to none, to sit or walk among the fountains and flowers, and yet depredations are constantly being committed, that the city should take some pains to prevent. This park should have three regular officers: one for day and two for night duty.

Other portions of the city which it may not be necessary here to designate, are peopled by a class that spend their energies in dissipation, if not crime, and as a matter of course, the constant presence of officers is required there.

The working, or patrol force of this city, should be one hundred men, and I believe were the question put to a popular vote, it would be in favor of this increase.

The present force consists of

- One Marshal,
- Two Assistant Marshals,
- One Captain,
- Two Sergeants,
- Two Detectives (detailed as such),
- Four Door, or office men (two for each station),
- Fifty-eight Patrolmen.

Any one can see the risk that is taken, in allowing this small number to cover so much territory. That we have been *lucky* the past year is beyond question, but that is no sign that we shall remain so. A glance at the daily papers of the present day is all that is needed to convince any one that trusting too much to luck is not a paying business.

I should recommend that some measure be adopted, either through a commission or other act of the Legislature, whereby the police department could be removed from political influence, and placed, at least, upon an equal footing with other departments of the city, and I will again repeat what I so urgently requested in 1879, that a committee on the part of the Board of Aldermen, be established. I know that it would result in corresponding benefit to the department and city.

#### HACKS AND JOB WAGONS.

This class of licenses should receive from the City Government that attention that their number now demands.

The Ordinance provides,

“That the Mayor and Aldermen may from time to time, at their discretion, grant licenses upon such terms and to such persons as they may deem expedient, to set up, employ, or use hackney carriages for the



conveyance of persons for hire, from place to place within the City of Worcester, and may designate the *public stand or stands* for the same within said city, and no person shall set up, employ, or use such carriage for the purpose aforesaid without a license therefor as aforesaid.

"SECTION 5. No owner, driver, or other person, having charge of any hackney carriage shall stand or wait for employment with such carriage at any street, square, lane, court, or public place within said city, *other than the stand assigned to such carriage* by the Mayor and Aldermen, or by some person by them duly authorized."

Section 8, of the same chapter, treats *all* wagons, sleighs, or other vehicles for the conveyance of goods, merchandise, rubbish, &c., for hire within said city, in the same general manner, and provides that *stands* shall be furnished them.

The business of Main and Front streets has assumed such proportions that it is not safe, and certainly it is not convenient for merchants to have their places of business barricaded from 12 to 16 hours out of the 24, by a line of hacks, job wagons, omnibuses, herdies and other vehicles not named, "waiting for something to turn up," neither is it pleasant or desirable for these two streets to be so thickly covered with these conveyances, dragging their slow lengths up and down, merely to keep moving, and thereby save a prosecution for obstructing the street.

A few years since, at the request of some of our citizens, this subject was considered by the Mayor and Aldermen, and Salem Square was designated as a stand for job wagons.

The only result of this order was, as before stated, to keep them in the street. An Ordinance should be made adapted to the case and so regulate them, that unless they occupied their stands when not actually engaged in transporting persons or property, it should result in a permanent revocation of their license.

Until such a remedy is at hand, I would recommend the licensing of a limited number of the latter, and only such numbers of the former as have convenient stands at their own stables. Our system of telephones, messengers, &c., is now so perfect, that when once established, the inconvenience would not be thought of.



The next thing to this in point of discomfort and danger to public travel and business is

#### HITCHING POSTS.

That these are necessary in country villages, and in fact in some of our own streets, is true, but that they should longer be tolerated in our business streets, I do not believe.

Many persons who have had them placed for their own private use, have had them removed, principally because they were never able to get to them themselves, as economical travelers find them cheaper than stables. If any one wants ocular proof of this assertion, let them look any day during business hours, or church service, at those placed around the City Hall building, or the Main street mall of the common.

#### LICENSE LAW.

Since the last annual report to your honorable body, there has been made by this department,

Search and seizure complaints,	199
Keeping liquor,	97
Selling Sunday,	10
Common nuisance,	7
Selling to minors,	7
Maintaining screens on licensed premises,	7
Selling to be drunk on premises,	2
Selling before 6 o'clock a. m.,	1
	<hr/>
Total,	330
Petitioned for revocation of license,	12
Licenses revoked in Board of Aldermen,	2
Licenses revoked by conviction in Court,	4

A large number of liquor cases are now pending before the Court.

The prospect is that no revocation will result during the year for which they were granted. I am still of the opinion that the present law is the best that Massachusetts has had, to regulate the keeping and sale of liquors.

It is only to those who hold their pet Idol of temperance so close to their own eyes that they can see nothing else that it appears otherwise.

The law is not to blame for the shortcomings of those to whom its enforcement is entrusted and should not be held responsible. No class of offenders are brought before the courts, that are so carefully guarded, or ably defended, as violators of this law, and no offences, which the strict construction of the law so often shields, as this same class.

I can see no reason why officers, after having worked up these cases, should not be sustained by all authorities, as well as any other criminal business. Three-fourths of all crimes for which arrests are made, are directly chargeable to this one thing, *liquor*, and in addition to that, it is the cause of more perjury, than any other offence ever known.

Some excuse can usually be found, for allowing occasionally a case to be placed upon file, or in other words, giving the offender his liberty during good behavior, but to allow a large per cent. of any cases, and especially liquor cases, to be thus dealt with, does not inspire any respect for the law or officers. Perhaps some may say that this class of cases are too trivial to waste the time of the Court, etc. Then why was the law thus framed? Why were not those trifles left out of its provisions? And why blame the law or officers because they are so trivial? If it is a crime to sell liquor, by the quantity without a license, it is a crime to sell a quart, or even a glass under the same circumstances. If it is a crime to get a minor drunk upon licensed premises, it is no less a crime to sell him one glass of that which intoxicates. Yet when these cases are brought into Court, all the eloquence that the "Bar" can procure is brought to *condemn the officer*, and *condole the offender*. If these cases are trivial and should not be tried, then the quicker these provisions are stricken out the better, and provide that the volume of business done shall regulate the prosecutions.

An officer in taking the stand to testify in an ordinary liquor case, goes there knowing that all the suspicions ever levelled at any mortal are to be directed to him, and it is not to be wondered at that many of them shrink from too much prominence in this business. When the detective service is called upon in police business generally, it is not deemed dishonorable to use any and

all means in their power to fasten guilt where it belongs, and bring the parties to justice with the least possible delay. Under these circumstances, the officers are recognized as such ; but the minute war is waged upon illegal rum-selling, gambling and kindred evils, that minute, officers become “ spotters,” “ informers,” “ peelers,” and their social degradation is sure and rapid. I contend that officers that have the moral courage to enforce the laws as they find them, without fear or favor, are to be commended.

In granting licenses, I do not believe that a license of the 1st, 2d or 3d class should be given to carry on business under the same roof with a residence, neither do I approve of granting them to every one who can raise the sum charged for the same. Sec. 8 of chap. 100 of the Public Statutes provides that “ the Mayor and Aldermen may at any time *refuse* to issue a license to a person whom they deem unfit to receive the same.”

I approve of granting licenses to respectable and responsible men only, and then holding those men strictly responsible for the fulfillment of the provisions of the same. The idea of granting 60 or more grocers, or 4th class liquor licenses in a city like ours, I think is working evil in many ways, principally by destroying the meaning, as well as the effect, of the law.

I see no reason why the *civil* part of their contract should not be attended too, as well as the criminal. Why “ Bonds ” are required or given, I have yet to see the need.

In connection with liquor business, I was called upon early last spring by an order from the Board of Aldermen, for a report, of which the following is a copy :—

“ IN BOARD OF ALDERMEN.

March 19, 1883.

“ Whereas certain charges have been publicly made in the press and otherwise, that certain members of the Police Department, have during the month of February last been off duty, and away from the City for some considerable time, engaged with private parties or public corporations in a service which reflects little if any credit upon the City of Worcester, so far as these parties in their official capacity represent the City, and that the parties so engaged have been paid personally for their services so rendered, and, whereas: the pay-roll of the Police

Department for the month of February, as audited by the City Auditor, shows that these same parties were paid for 28 days service out of the City Treasury, the parties themselves receipting for the same; therefore, *Ordered!* that the City Marshal be, and he is hereby requested to report to this Board, whether any members of the Police Department were off duty during the month of February last, or away from the City, and if any who they were, how long they were gone, and the causes therefor; and also if any members of the Police Department have been paid out of the City Treasury for days service when they were not in the City, during the month of February last.

And if any of the Patrolmen of the Police Department were out of the City, during any part of the month of February or March, and engaged elsewhere, and if so, by what authority were they thus away?"

"CITY MARSHAL'S OFFICE.

*Worcester, Mass., Apr. 2, 1883.*

In obedience to the foregoing order, I herewith present the following

SPECIAL REPORT:

Chap. 28, Sec. 11, of the Public Statutes of Massachusetts, reads as follows, viz.:—

'The Mayor of any city may furnish Police Officers to serve the Authorities of any other place, upon the Requisition of the Mayor and Aldermen, or Selectmen thereof: And while in the discharge of such duty, such Police Officers shall have the authority of Constables and Police Officers within the limits of such place, except as to the service of civil process: And the city so furnishing said officers shall be entitled to receive from such place, the amount of money paid to them by said city for their services during said term, including the necessary traveling expenses incurred by them in the discharge of such duty.'

On the ninth day of February last, His Honor Mayor Hildreth, placed in my hands a Requisition, of which the following is a copy:

*"To the Mayor of the City of Worcester,*

*In the Commonwealth of Massachusetts.*

The undersigned, Mayor and Aldermen of the City of Springfield, in said Commonwealth, hereby respectfully request you to furnish one Police Officer, to serve the Authorities of said Springfield in accordance with the provisions of Chap. 28, Sec. 11, of the Public Statutes."

SPRINGFIELD, MASS., February 8, 1883.

Signed by

The Mayor, and a Majority  
Of the Board of Aldermen.

} L. S. }



In compliance with this requisition, Officer E. T. Robinson was detailed to report to the City Marshal of Springfield, on the evening of Feb. 15th. On the 21st of the same month, the Marshal asked for the service of another man, for a few days, and Officer O. A. Johnson responded to the call, on the evening of the 23d, and returned to Worcester on the 27th following, and Officer Robinson on the 2d day of March.

These officers were not dropped from the pay-roll, as the Statutes provide that the *city* shall be entitled to receive from the city employing them, the amount of money paid them by the City. Their traveling, and all necessary expenses, while serving in Springfield, were paid by the Authorities there, so we have no record of them.

The officers reported upon their return to Worcester, that they should be summoned to appear in Court at Springfield, at no distant date, consequently no bill for their services has been rendered to the City of Springfield, but will be on the completion of their duties there.

The amount due the City for their services will be paid to the City Treasurer when received, the same as any other for extra services performed by the Police Department.

Respectfully submitted.

W. ANSEL WASHBURN,

*City Marshal."*

It remains for me to add, that the Officers attended the Court in obedience to their summons, but through the courtesy of Col. Hamilton, the City Marshal, the cases were all ready for them, so that they returned to duty without loss of time.

Subsequently the City Treasurer received a check in full for their services, for time spent in Springfield.

#### DRUNKENNESS.

This crime in all its forms and previous convictions, numbers 2,230 during the year.

It is a crime, about which more has been said than any other known in the criminal catalogue. Lectures have been given, sermons preached, and all the eloquence of modern times has been directed to and against this evil. Everything in form of argument has been exhausted, and even facts and figures, showing the terrible results of this practice have apparently ceased to intimidate the common drunkard or occasional tippler.



Of late the Legislature has been to blame for a large per cent. of the drunkenness in Massachusetts. Two or three years ago, any man, woman or child that wished, could get drunk for one dollar (\$1), and the number that availed themselves of this *grand* privilege the records will show. One year's experience with this farce satisfied the tax-payers, and the next session of the General Court so amended this law as to add "the cost of the Court," so that to-day, for the same luxury, a fine of \$1 and costs is the extent of punishment.

So long as this ridiculous law is allowed to remain, so long will the crime of drunkenness continue to increase, license or no license.

I have during the past year made more complaints for second and third offences, and also for common drunkenness, than ever before, in order that some punishment adequate to the offence might be obtained.

I am aware that very many good people are going to the extremes in condoning the offence, and wasting a vast amount of sympathy on the offenders, who they seem to think are not sinners, but terribly sinned against, and who, when the habit is such as to class them as *common drunkards*, should be conveyed to some hospitable institution (not correctional), that is systematically provided with trained nurses, skilful physicians, luxurious apartments and diet, and there cared for tenderly and impertuned to give up and wean themselves from this evil; a scourge which they are in no way responsible for.

I cannot become a convert to any such doctrine. I have but little sympathy for the inebriate, any way; and none whatever for the habitual drunkard, and wife-whipper.

They are an army of *good-for-nothings*, and merit the consideration of such.

I am not in accord with the present system of fining them, for that usually afflicts other portions of the family that do not deserve it, and should not be punished.

Could they be imprisoned at hard labor, for a good sensible term, and compelled to work, not only for themselves, but to support those dependent upon them, I think the effect would be

a decided improvement upon the dollar plan. Perhaps if they could be taken to *Delaware* for punishment it would be better still. Anything but encouraging drunkenness.

### THE POLICE WAGON

or ambulance is well adapted for the business for which it was originally built, that is, to transport prisoners, but for the purposes of carrying sick and wounded it cannot be commended. One thing is pretty sure, if the patient survives the trip, or lives to get to the hospital or home, the chances are that he will speedily recover. The fault is not with the wagon, as that must of a necessity be so constructed as to carry heavy loads, but the stretcher, or bed made for hospital purposes, should be at once replaced by something better.

This wagon has been called into use fifty-eight times during the year, for the purpose of removing sick and injured people, and not occasionally when snow was so deep as to prevent its use. I approve of its general use when parties are hurt while traveling, or taken sick away from home, but why this department should be obliged to bear the expense of the hospital or poor departments, or why it should be used for private removals without compensation, I cannot understand.

I should therefore recommend that when the same is ordered to remove a person from house to hospital, or any private purposes, a fee of say \$2 should be charged, and when ordered by either of the above departments, the same credits should be given.

For the want of use for the horses belonging to this department, I have dispensed with the smaller horse, letting him out for his keeping since October 13th. The teams are in good condition, excepting the light wagon which will have to be extensively repaired or replaced with a new one the coming year.

### AN ORDINANCE

by which the pay of officers should be graded, is a matter that demands attention, and especially where police changes are as frequent as here.

That time and talents in that direction, aided by experience are necessary to the making of a good officer no one can deny, and when this much is admitted, does it not show the inconsistency of paying each and every new comer into this department the same rate per day as is paid to older, and men that have proved themselves capable of filling the positions.

During the year it has been our misfortune to lose by death an old and esteemed comrade. Albert N. Bonn died May 2d, after a protracted illness, although incapacitated for any duty but a few days. Mr. Bonn had been connected with the force for quite a number of years, and was a general favorite in the Department, as also the public with whom he came in contact. His funeral was attended by the entire force, and a general attendance of several organizations with which he was connected.

Officer John H. Riley resigned his position Sept. 7th to engage in other business, and these two vacancies (which were at once filled) are all the changes that have been made during the year.

No suspensions have taken place, and the entire force have conducted themselves in a manner to win commendation from all who have watched them through the year.

There has been but one occasion where the good name of the Department has been called into question, and that partook so strongly of a personal nature that its effect was not noticeable. The good order of the City has been at all times maintained, and losses by thieves and robbers *never* less.

The amount of stolen property recovered (principally by Inspectors O'Day and Colby), has amounted to but \$3,500.00, and more than three-fourths of this amount has been stolen in other places and recovered here.

With the exception of an assault upon J. L. Amsden, on the 28th of July last, through which he was relieved of a watch and chain, and the burglarious entrance of the residences of Hon. Geo. S. Barton, J. H. Walker, Esq., and Mr. Legg, all of which were entered on the night of Aug. 28th, and about \$50 worth of silver ware carried away, the entire loss has been trifling. An old and highly respectable farmer living some distance from the City Hall, fell in with a trio of "Bunco Men" who were making

a professional call in this City, and in his zeal to add to his fortune, found himself \$800 short in a *very short* space of time. Those men after finding out that they were known, and not wishing to be arrested if ever caught in Massachusetts again, returned the larger part of their ill-gotten gains to the loser, thereby making him too happy to think of prosecutions.

While we congratulate ourselves upon this state of affairs, *this* year, I do not think it is safe to have the patrol so far apart, or covering so much territory. Were it not for advertising our own weakness, I would here submit a list of the beats, and how covered.

In reviewing the past year, I feel that I have much to be grateful for. The continuous confidence of His Honor Mayor Hildreth, and his unqualified support, has made my duties comparatively pleasant.

To Assistant Marshal Taylor too much credit cannot be given. He has proven himself an efficient, energetic and capable officer, and the City can be congratulated in having him in his present position. The same can be said of Assistant-Marshal Atkinson, who has for so many years been connected with this Department. He is so well known to you that any words of mine would be superfluous.

To the rank and file of the Department belongs the credit of our success. Their perfect harmony has resulted in a record which we leave with satisfaction, inviting honest criticism, and in the administration of which, I have the honor to subscribe myself,

Your obedient servant.

W. ANSEL WASHBURN,

*City Marshal.*

WORCESTER SCHOOLS.



ORGANIZATION OF THE SCHOOL COMMITTEE  
OF THE  
CITY OF WORCESTER,  
OCTOBER, 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, EDWIN H. HILL, JOHN J. CASEY, JOHN J. MCCOY, RICHARD O'FLYNN, HENRY S. KNIGHT, EMERSON WARNER, EDWARD B. GLASGOW.	AUSTIN P. CRISTY, CHARLES M. LAMSON, EUGENE M. MORIARTY, JOHN B. COSGROVE, GEORGE C. REIDY, ALZIRUS BROWN, HENRY L. PARKER, GEORGE SWAN.	GEORGE W. PHILLIPS, FORREST E. BARKER, DENIS SCANNELL, JEREMIAH MURPHY, THOMAS J. CONATY, GEORGE H. BALL, KATE C. TAFT, 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.

Messrs. Warner, Conaty, Lamson, Swan, Glasgow, Woodward, McCoy and Ball.

#### TEACHERS.

	Alfred S. Roe, Principal.	
A. Carey Field,	Mary P. Jefts,	Alice Goddard,
William F. Abbot,	Jennie I. Ware,	Nellie M. White,
Joseph H. Perry,	Rachel L. Moore,	Annie L. Fifield,
Charles S. Chapin,	Mary L. Bridgman,	Florence Snow,
	Mary E. Whipple.	

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.
Lamson,	Arthur G. Lewis, Principal,	IX
Lamson,	Emma C. McClellan, Assistant,	
Lamson,	Mary H. Warren,	VIII
Lamson,	Sarah L. Phillips,	VII
Lamson,	Tirzah S. Nichols,	VI
Moriarty,	Owen H. Conlin,	VI
Moriarty,	Jennie L. Dearborn,	V
Moriarty,	Esther G. Chenery,	V
Moriarty,	Carrie P. Townsend,	IV
Moriarty,	Mattie A. Collins,	IV
Hill,	Carrie A. Smith,	III
Hill,	Mary A. Sanborn,	III
Hill,	Elizabeth N. Robinson,	II
Hill,	Anna M. Waite,	II
Hill,	Lilla F. Upton,	I
Hill,	Hattie B. Andrews,	I

### DIX STREET.

COMMITTEE.	TEACHERS.	GRADE.
Warner,	William H. Bartlett, Principal,	IX
Warner,	Clara Manly, Assistant,	
Warner,	Effie F. Kinne,	VIII
Warner,	Mattie Howe,	VII
Warner,	Minnie W. Sherman,	VI
Cosgrove,	Martha P. Valentine,	V
Cosgrove,	Susie W. Forbes,	IV
Cosgrove,	(Esther B. Smith,)	III
	<i>Alice W. Giddings,</i>	
Cristy,	Martha D. Adams,	II
Cristy,	Alice E. Johnson,	II-I
Cristy,	Harriet Lightbourn,	I

## WINSLOW STREET.

COMMITTEE.	TEACHERS.	GRADE.
Hill,	J. Chauncey Lyford, Principal,	IX
Hill,	Ella K. Morgan, Assistant,	
Hill,	Amy E. Hopson,	VIII
Hill,	Sarah Brigham,	VII
Ball,	Lucy Lewisson,	VI
Ball,	Josephine A. Hunt,	V
Ball,	Ella E. Goddard,	IV
Mrs. Taft,	Emma S. Peirce,	IV-III
Mrs. Taft,	Ida M. McCambridge,	III
Mrs. Taft,	Effie L. Bennett,	II-I
Mrs. Taft,	A. Calista Hale,	I

## WOODLAND STREET.

COMMITTEE.	TEACHERS.	GRADE.
Mrs. Taft,	(Edward I. Comins), Principal,	IX
	<i>Joseph Jackson,</i>	
Mrs. Taft,	Alice E. Meriam, Assistant,	
Mrs. Taft,	Ann S. Dunton,	VIII
Mrs. Taft,	Mary M. Lawton,	VII
Mrs. Taft,	Jennie L. Higgins,	VI
Parker,	Carrie R. Clements,	VI
Parker,	Martha T. Wyman,	V
Parker,	Eva E. Stone,	V
Parker,	Sarah J. Melanefy,	IV
Parker,	M. Rosalie Goddard,	IV
Casey,	Maggie I. Melanefy,	III
Casey,	Carrie F. Meriam,	III
Casey,	Maggie A. Flaherty,	II
Casey,	Emma Buckley,	II-I
Casey,	Mary E. Proctor,	I
Casey,	Mary E. Horgan,	I

## WASHINGTON STREET.

COMMITTEE.	TEACHERS.	GRADE.
Swan,	Charles T. Haynes, Principal,	IX
Swan,	Ida L. Gaskill, Assistant,	
Swan,	M. Louise Rice, Assistant,	IX

## LEDGE STREET.

COMMITTEE.	TEACHERS.	GRADE.
McCoy,	Charles C. Woodman, Principal,	IX
McCoy,	Margaret M. Geary, Assistant,	
McCoy,	Emma L. Cowles,	VIII
McCoy,	Maria P. Cole,	VII
McCoy,	Kate A. McCarthy,	VI
Swan,	Mary J. Packard,	VI
Swan,	Alice G. McMahon,	V
Swan,	Frances M. Athy,	V-IV
Thompson,	Mary E. D. King,	IV
Thompson,	Fanny A. Williams,	III
Parker,	Carrie E. Howe,	II
Parker,	Mary B. Dudley,	I
Parker,	Hannah M. Kickham,	I

## THOMAS STREET.

COMMITTEE.	TEACHERS.	GRADE.
Cristy,	Harriet G. Waite, Principal,	VIII-VII
Cristy,	Mary E. Houghton, Assistant,	
Cristy,	Abbie C. Souther,	VII
Cristy,	Belle H. Tucker,	VI
Cristy,	Anna P. Smith,	VI-V
Scannell,	Mary E. Fitzgerald,	V
Scannell,	Lucia N. Jennison,	IV
Scannell,	(Eudora A. Dearborn,)	IV
Scannell,	<i>Esther E. Travis.</i>	
Scannell,	Ella A. Casey,	III
Scannell,	Rosa I. Seavey,	III
Glasgow,	Addie E. Sprague,	II
Glasgow,	Mary E. Barnard,	II-I
Glasgow,	Jennie C. Clough,	I

## EDGEWORTH STREET.

COMMITTEE.	TEACHERS.	GRADE.
Brown,	Ella E. Roper, Principal,	VIII-VII
Brown,	Anna T. Cavanaugh,	VI
Brown,	Jennie E. Maloney,	V
Brown,	Sarah M. Brigham,	IV
Brown,	Julia E. Greenwood,	IV
Thompson,	Hattie G. Gates,	III
Thompson,	Fransess D. Martin,	II
Thompson,	Anna H. Newton,	I
Thompson,	Selma P. Ahlstrom,	I

## WALNUT STREET.

COMMITTEE.	TEACHERS.	GRADE.
Phillips,	Nellie C. Thomas, Principal,	VIII
Phillips,	Kate A. Meade,	VII
Phillips,	Ella M. McFarland,	VI
O'Flynn,	Mary L. Norcross,	V
O'Flynn,	Kate A. Coughlin,	IV-III
O'Flynn,	Mary E. McCormick,	II
O'Flynn,	Alphonsine T. L'Esperance,	I

## OXFORD STREET.

COMMITTEE.	TEACHERS.	GRADE.
Barker,	Ella L. Dwyer, Principal,	VIII
Barker,	Mary A. Hathaway,	VII-VI
Barker,	Olive G. Davidson,	VI
Woodward,	Nettie A. Murray,	VI
Woodward,	Mary F. Harrington,	V
Woodward,	Mabel B. Tew,	V
Woodward,	Emma J. Houghton,	IV
Woodward,	Mary F. Barker,	III
Woodward,	M. Gertrude Griggs,	II
Woodward,	Catherine T. Nevins,	I

## SYCAMORE STREET.

COMMITTEE.	TEACHERS.	GRADE.
Moriarty,	M. Ella Spalding, Principal,	VIII
Moriarty,	Janet Martin,	VII
Moriarty,	A. Teresa Timon,	VI
Moriarty,	Susie A. Partridge,	V

COMMITTEE.	TEACHERS.	GRADE.
Barker,	Hattie S. Hagen,	IV
Barker,	Sarah W. Clements,	III
Barker,	Ida A. E. Kenney,	II-I
Barker,	Eliza J. Day,	I

## NEW WORCESTER.

COMMITTEE.	TEACHERS.	GRADE.
Parker,	Charlotte H. Munger, Principal,	VIII-VII
Parker,	S. Lizzie Carter,	VI-V
Parker,	M. Ella Clark,	V-IV
Conaty,	Jennie M. Tainter,	III
Conaty,	Hattie S. Putnam,	II
Conaty,	Rebecca H. Davie,	I

## SOUTH WORCESTER.

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

## MILLBURY STREET.

COMMITTEE.	TEACHERS.	GRADE.
Glasgow,	Francis P. McKeon, Principal,	VIII
Glasgow,	(L. Elizabeth King,)	VII
Glasgow,	<i>Mary A. Rourke,</i>	
Glasgow,	Eliza J. Lawler,	VI
Casey,	Marion C. Tucker,	V
Casey,	Harriet E. Maynard,	IV
Casey,	Elida M. Capen,	III
Parker,	Anna B. Ranger,	II
Parker,	Mabel Piper,	I

## PROVIDENCE STREET.

COMMITTEE.	TEACHERS.	GRADE.
Ball,	Etta A. Rounds, Principal,	VIII-VII
Ball,	Sarah J. Newton,	VII-VI
Ball,	Mary E. Convery,	VI
Ball,	Ella J. Lyford,	V
Murphy,	Emma M. Plimpton,	IV
Murphy,	S. Cornelia Chamberlin,	III
Murphy,	Mary A. Kane,	II
Murphy,	Mary C. Smith,	I

## LAMARTINE STREET.

COMMITTEE.	TEACHERS.	GRADE.
O'Flynn,	Arthur Hay, Principal,	VII
O'Flynn,	Sarah M. Averill, Assistant,	
O'Flynn,	Ida A. Tew,	VI
O'Flynn,	Louise A. Dawson,	V
O'Flynn,	Mary E. Kavanagh,	V-IV
Warner,	Ellen T. Shannon,	IV



COMMITTEE.	TEACHERS.	GRADE.
Warner,	Anna M. Murray,	III
Warner,	Abbie F. Hemenway,	II
Reidy,	Emma F. Brown,	II-I
Reidy,	Ida F. Boyden,	I
Reidy,	Mary B. Wheatley,	I

## QUINSIGAMOND.

COMMITTEE.	TEACHERS.	GRADE.
Murphy,	Richard H. Mooney, Principal,	VII-VI
Murphy,	Helena M. Kalaher,	V
Murphy,	Edna Currier,	IV
Knight,	Olive M. Butler,	III
Knight,	(Mary A. Winter,)	II-I
Knight,	Mary C. Morrissey,	
Knight,	Alice V. Phelps,	I

## ADRIATIC.

COMMITTEE.	TEACHERS.	GRADE.
Reidy,	Emma A. Porter, Principal,	VII
Reidy,	Sarah E. Rogers,	VI
Reidy,	Lizzie E. Chapin,	V
Reidy,	Abby B. Shute,	IV
Brown,	Mary A. McGillicuddy,	III
Brown,	Cora A. Baldwin,	III-II
Brown,	Mary M. Bowen,	II-I
Brown,	Etta T. Whalen,	I
Brown,	Etta M. Thayer,	I

## EAST WORCESTER.

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

## ASH STREET.

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

## GRAFTON STREET.

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

SUMMER STREET.		
COMMITTEE.	TEACHERS.	GRADE.
Cosgrove,	Abbie A. Wells, Principal,	V
Cosgrove,	Mary A. Hayward,	IV
Cosgrove,	Mary A. Gauren,	III
Glasgow,	Alice Chapin,	II
Glasgow,	Arabell E. Burgess,	I

SALEM STREET.		
COMMITTEE.	TEACHERS.	GRADE.
Thompson,	Minnie F. Whittier, Principal,	IV
Thompson,	Mary O. Whitmore.	III
McCoy,	(Nellie F. Lindsay,)	III
McCoy,	Addie M. Blenus.	
McCoy,	Nellie J. Carlon,	I

UNION HILL.		
COMMITTEE.	TEACHERS.	GRADE.
Woodward,	Etha M. Stowell, Principal,	IV-III
Woodward,	Anna D. Stowell,	II-I

MASON SEREET.		
COMMITTEE.	TEACHERS.	GRADE.
Knight,	Mary E. Pease, Principal,	II
Knight,	Agnes R. Stewart,	I

SUBURBAN.		
COMMITTEE.	PLACE.	TEACHERS.
Ball,	Northville,	Mary F. Lewis.
Knight,	Tatnuck,	Elma L. Studley.
Mrs. Taft,	Trowbridgeville,	Ada D. Saunders.
Scannell,	Blithewood,	Edw. A. Quinland.
Glasgow,	Bloomingtondale,	Lizzie M. Urban.
Ball,	Adams Square,	Anna DeW. Pearce.
Ball,	Burncoat Plain,	Hattie L. White.
McCoy,	North Pond,	Peter A. Conlin.
Phillips,	Chamberlain,	Fanny R. Spurr.
McCoy,	Lake View,	Emma G. Goodwin.
Mrs. Taft,	Valley Falls,	Eliza J. Seaver,
Mrs. Taft,	Valley Falls,	Georgianna M. Newton,

## DRAWING.

## COMMITTEE.

Messrs. Murphy, Parker, Barker, Lamson and Reidy.

## TEACHER.

Walter S. Perry.

Fanny H. Smith, Assistant, High School.

## MUSIC.

## COMMITTEE.

Messrs. Cosgrove, Woodward, McCoy, Mrs. Taft and Mr. Swan.

## TEACHER.

Seth Richards.

## EVENING SCHOOLS.

## COMMITTEE.

Messrs. Conaty, Casey, Mrs. Taft, O'Flynn, Hill and Thompson.

## 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 Sixteenth 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 1883.

### I. POPULATION.

Population, Census of 1880,	58,295
Estimated population,	70,000
Children between the ages of five and fifteen, May, 1883,	12,721

### II. FINANCIAL.

Valuation, May, 1883,	\$48,570,334 66
Increase for the year,	3,065,822 00
City Debt, December, 1883, less cash and Sinking Fund,	2,369,877 25
State, county and city tax, 1883,	872,197 76
Rate of taxation,	.0172
Value of school-houses and lots,	897,986 00
Other school property,	75,804 95
*Ordinary expenses of schools,	171,919 56
Per cent. of same to valuation,	.0035
Per cent. of same to whole tax,	.197
Repairs of school-houses, furniture and stoves,	8,100 83
	<hr/>
	\$180,020 39
New furniture,	\$1,791 60
Rents,	937 51
	<hr/>
	2,729 11
Expended for all purposes,	<hr/>
	\$182,749 50

\* See detailed Statement in Secretary's report.

Average cost per scholar for day schools, including ordinary repairs,	17 82
Average cost for all schools, including ordinary repairs,	16 88
Same last year,	\$18 11
Cost of evening schools,	3,160 59
Average per scholar,	9 09
Cost of evening drawing schools,	1,787 57
Average per scholar,	8 28
Cost of High School,	17,841 95
Increase,	1,228 08
Average per scholar,	38 69
Decrease,	5 68
Expended by City Council for new school-houses,	47,964 67

## III. SCHOOL-HOUSES.

Number occupied December, 1883,	41
Rooms, not including recitation rooms,	227
Rooms rented,	2
Drawing school rooms, recitation and evening school rooms, additional,	9
Whole number of sittings :	
In High School,	542
Additional space for	50
Grammar schools, Grades IX.-VI.,	2,909
Grammar schools, Grades V.-IV.,	2,696
Primary schools, Grades III.-II.-I.,	4,828
Suburban schools,	504

## IV. SCHOOLS.

High School,	14
Grammar rooms, Grades IX.-VI.,	58
Grammar rooms, Grades V.-IV.,	54
Primary rooms, Grades III.-II.-I.,	88
Suburban schools,	12
Northville, Tatnuck, Valley Falls (2), Trowbridgeville, Blithewood, Bloomingdale, Adams Square, Burncoat Plain, North Pond, Chamberlain, Lake View.	
Evening schools :	7
Washington Street, East Worcester, New Worcester and Quinsigamond for boys; Walnut Street for girls; Belmont Street and South Worcester for both.	
Free Evening Drawing Schools, both sexes,	7

## V. TEACHERS.

Male teachers in High School,	5
Female teachers in High School,	9
Male teachers in Grammar Schools,	13
Female teachers in all grades below the High School,	209

Special teacher of Music, male,	1
Special teacher of Drawing, male,	1
Special teacher of Drawing, female,	1
Number of teachers in Day Schools,	239
Graduates of the Worcester Training School, or of a State Normal School,	164
Male teachers in Evening Schools,	18
Female teachers in Evening Schools,	13
Teachers in Free Evening Drawing Schools, male 4, female 1,	5
	<hr/>
Whole number of teachers,	275

## VI. PUPILS.

Census of children 5 to 15, May, 1883,	12,721
Number registered in Day Schools,	12,104
Increase,	267
In Evening Schools,	487
In Free Evening Drawing Schools,	255
	<hr/>
Number registered in all the schools,	12,846
Increase,	514
Number over 15 years old,	1,564
Increase,	276
Estimated number in this city in private schools here,	1,500
Pupils in State Normal School, this city,	97
Average number belonging to public schools,	10,098
Increase,	1,090
Average daily attendance in Day Schools,	9,082
Increase,	847
Average daily absence,	1,016
Increase,	243
Number at close of Fall term, 1882,	9,622
At close of Winter term, 1882-83,	9,629
Increase from last year,	910
At close of Spring term,	9,650
Increase,	705
At close of Summer term,	9,408
Increase,	620
At close of Fall term,	10,014
Increase,	392
Per cent. of daily attendance to average number belonging,	89.9
Decrease,	1.5
Number perfect in attendance the whole year,	188
Decrease,	266
Perfect three terms,	343
Perfect two terms,	679
Perfect one term,	1,844



Number registered in High School,		672
Increase,	74	
Boys,		302
Increase,	33	
Girls,		370
Increase,	41	
Number at the close of the year,		539
Increase,	93	
Number of graduates, June, 1883,		51
Number left the school,		98
Average number belonging,		461
Average daily attendance,		448
Average daily absence,		13
Per cent. of daily attendance to average number belonging,		97.1
Average age of pupils, January 1, 1884,		16.2
Average number of pupils to a regular teacher,		32.9

## FINANCIAL.

The ordinary expense for the year, is \$171,919.56 against \$164,610.61 last year, an increase of \$7,308.95; the ratio of this cost to the whole City tax is less than last year by  $\frac{2}{10}$  of one per cent. Including the repairs of school-houses, furniture, stoves, etc., the cost of schools for 1883 is \$180,020.39, an increase over the previous year of \$8,210.20; and the total expenditure is \$182,749.50, an increase of \$9,020.49.

It may seem, from these statements, that the schools have been less economically carried on than they were the year before; but the reverse is true. The average cost per scholar; this year, has been for the day schools, only \$17.82 against \$18.65 last year; and including the Evening Schools, it has been \$16.88 against \$18.11 the previous year. The average number of pupils belonging to the Day Schools has been 10,098, against 9,008 in 1882, an increase of 1,090 pupils. At the average for each, \$17.82, the cost of educating these pupils is \$19,423.80; which would be the expected increase in cost to correspond with the increased number of pupils.

## SCHOOL-HOUSES.

The new house on Millbury street with eight rooms on two floors, has been completed at a cost of \$31,503.02. From the Auditor's Report this cost seems to be \$34,892.42; because no

credit is given for the revenue \$330.20 for gravel sold; and because the item of \$3,059.20 for brick and freight, is charged both as a separate item and as part of the contract price paid to Mr. Addison Palmer. The Winslow street school-house has been enlarged by the addition of six new rooms, at a cost of \$16,413.64; though in the Auditor's Report the cost seems to be \$1,800 more, by reason of a double charge similar to the above. On account of the Grafton street house there was also an expenditure of \$48.01, which makes up the total as given above.

For the sum of \$47,916.66, these fourteen rooms to accommodate seven hundred pupils, have been built; and the lot on Millbury street has been purchased. This lot is large enough to accommodate another house; and one will be needed there within a few years.

#### MORE HOUSES WANTED.

But this seemingly large addition to the school-houses does but little more than supply the present need. It hardly does this; for the average number of pupils has increased by 1090, and the average daily attendance, by 847. As shown in the report for the year 1882, the yearly increase of pupils actually attending school in the fall term has been, on an average 437 for the last five years; and this increase will be augmented year by year as the city grows larger. At present, then, a new house of ten or twelve rooms must be erected every year to accommodate the natural growth of the city; if omitted one year the burden will be the greater the following year. And serious damage to the schools results from delaying to build new houses when they are needed. There was an interruption in the progress of all the pupils in the vicinity of the new Millbury street house, because that building was not begun in season to be completed till six weeks or thereabouts after the beginning of the fall term.

In the district between Pleasant and Main streets, Beaver street, and Park avenue, all the school-houses are full to overflowing; and a new house must be built in the vicinity of the Jaques Hospital grounds. To relieve Ledge street, Providence street, East Worcester, Thomas street and indirectly Belmont

street schools, a new house is needed near the junction of Mulberry and East Central streets. Both these houses will be called for the present year.

This constant demand for more school-houses is not the fault of the School Committee, but a natural consequence of the growth of the city. If there were no increase in the population, the present school-houses would be sufficient. There are cities which require no new school-houses; but we do not wish to be like them.

It has been suggested as a means of getting rid of the necessity for more room, that pupils in the Primary schools, grades I., II. and III., go to school only half a day each; and that each teacher have only half as many, on the ground that each pupil will learn more in a small school than he can in one twice as large; and that each child will have more time to play. But this plan requires just as many rooms as now, though each might be a little smaller; and if the schools were to be as large as now, so that only half as many rooms will be required for the Primary grades, then the serious question arises whether the teachers can advance the pupils as rapidly as they ought in half the time, daily—that is for each teacher fifty pupils in the morning and fifty others in the afternoon.

As an other method of avoiding the building of so many new school-houses, some one has proposed the admission of pupils at a later age than five years. The average number belonging to the first grade, five to six years, is about 1,600; and in the second grade, six to seven years, there are about 1,400 pupils. In these two grades of some 3000 pupils we make use of about 60 school-rooms, or six houses of ten rooms each. To dismiss all these pupils, then, would tide the city over the building of new houses for half-a-dozen years; and to abandon the first grade would put off the building of new houses two or three years.

It is possible that children in these grades, whose parents can devote to them all the care they need, may be as well off, or even better off, at home than they are in school. For those children whose time would be spent in the street if not in school, the case is different. At the age of five years a child may be trained in

school to habits of industry, obedience and order. After two additional years of street training, the school training would be more difficult and probably less successful. This is not a question, merely, whether the public schools shall to some extent take the place of nurses; it is a question how the rising generation shall be trained. And it may even be more economical to build the school-houses, at the rate of \$50,000 yearly, than to let the boys and girls run wild from the age of five to seven years.

#### TEACHERS.

The number of teachers constantly employed in the day schools is 239, an increase of 17 for the year. The number in the evening schools and the evening drawing schools is the same as last year. Of these teachers 164, about two-thirds, are graduates of the State Normal Schools, either here or elsewhere. To the corps, there are appointed yearly on an average twenty or twenty-five new teachers. These appointments constitute one of the most important duties of the School Committee; since upon the character of the teacher, more than upon any other one thing, depends the real success of the schools.

Within the last ten or twelve years greater care has been taken year by year in the performance of this duty. The selection rests upon no one man, or two men; it is so systematized that no one could make appointments from mere personal caprice, if he were so inclined. Application for employment in our schools is made to any member of the School Committee, or to the Superintendent of Schools; and the names of all applicants are entered in a book kept for the purpose. Twice a year, in January and in June, there is an examination of these candidates, who receive due notice, by the Committee on Teachers consisting of six persons of whom the Superintendent is chairman. This examination is both written and oral upon the common English branches of study, Methods of Teaching, Psychology, Hygiene, etc. Each candidate is furnished with a printed set of ten or fifteen questions in each of the ten or a dozen branches of study in which they are examined; he writes the answers to these questions, one set at a time, with no possibility of any assistance from any one;



each of his papers is designated by a number, and by a number only, which he has drawn upon a card and placed with his name upon it in a sealed envelope. All the papers in each subject are then collected by the person in charge; and they are subsequently examined by the Committee and each is marked, to designate its character. The average of the marks of any one person, as designated by his number, indicates the standing of that person; and so far no one knows the name corresponding with the number, which makes it much easier to mark impartially. Simultaneously with the writing of these papers the candidates are separately called before the Committee, and examined by each member in the presence of the others; and each member indicates, by a mark previously agreed upon, his opinion concerning the fitness of the candidate. This oral test before the Committee takes account not merely of the literary attainments of the candidate, but also of his self-possession, his appearance, his quickness of perception, and the nature and quality of his thought—in short, every thing which bears upon his ability to teach. In addition to all this the moral character of the candidate, the state of his health, and his opportunities for study are known to the Committee, so far as possible, through certificates and testimonials. After the written papers of the candidates have been examined and the results put into tabular form, the Committee meet, unseal the envelopes and place the names opposite the proper numbers; then they each announce the marks they have given to the several candidates; the oral marks of each candidate are then averaged; and this average combined with the standing in the written examination shows the rank. The Committee then decide by vote which of the candidates shall be approved and receive a certificate; and of those so approved they make two classes: the first to be preferred, and the second to be appointed when none of the first are available. From the list of candidates so approved, and from this list only, appointments are made by the joint action of the Visiting Committee of the School and the Superintendent; every such appointment is reported to the Board at its next regular meeting, where objection to an improper appointment may be made; three months later, the person so



appointed comes forward regularly under the rules for election for the remainder of the school year, unless he is sooner dropped for some cause by the Visiting Committee and the Superintendent; and at the end of the year objection may be made by any member of the Committee to the re-election of any teacher.

It will be seen, then, that no teacher is appointed without the direct action of six members of the Committee and the concurrence of the whole; and that no one is retained more than three months without the direct action of the entire School Committee; and if, after all, incompetent teachers are retained, or improper appointments are made, the remedy lies with the representatives of the people, who are always glad to correct any errors that may be pointed out to them.

The impression prevails to some extent that none but graduates of Normal Schools can pass these examinations. It is true, that graduation at such a school does not create a presumption against a candidate; and that a study of the science of education and the art of teaching, both theoretically and practically, such as is common in Normal Schools, helps one to pass a proper examination—just as the study of Algebra will help one to pass an examination in that study; but it is not true that a person who is equally well qualified, is not as likely to be approved.

This method of examination is not followed strictly in the selection of teachers for the High School, where each vacancy requires a teacher specially fitted in one or more subjects.

#### PUPILS.

The census of May, 1883, shows the number of children 5 to 15 years old to be 12,721; and the whole number registered in the Day Schools is 12,104. Of these about 1,500 are over 15 years of age. About the same number of pupils are registered in the private schools here. It thus appears that some 600 pupils of school age are not registered. As school attendance is not compulsory after the age of 14 it may be that these 600 are between the ages of 14 and 15.

The average number belonging to the schools has increased very largely, and it is unusually near the whole number registered.

The per cent. of daily attendance to the average number belonging has decreased by one and five tenths per cent. It is .899 instead of .914; that is, of every 1,000 pupils belonging to the schools on a given day it appears that 914 were present in 1882, and only 899 were present in 1883—a difference of 15 in favor of the previous year. This difference, it is believed, is more apparent than real.

The average number belonging, the attendance, etc., for 1883, as compared with 1882, appears in the following table :

School.	Average No. belonging.		Per cent. of attendance.		Cases of tardiness per pupil.		Cases of absence per pupil.		Average age.	
	1882	1883	1882	1883	1882	1883	1882	1883	1882	1883
High.	374	461	96.6	97.1	1.10	.68	2.5	5.5	16:3	16:2
Grade IX.	293	363	96.8	94.2	1.22	1.13	16.	19.4	14:11	14:11
“ VIII.	464	555	94.8	92.8	1.38	1.58	18.8	25.8	13:11	13:10
“ VII.	578	673	92.8	92.6	1.64	2.02	27.8	25.9	13:	12:11
“ VI.	772	955	92.4	91.8	2.38	2.01	28.4	30.	12:4	12:2
“ V.	1,102	1,200	92.5	91.1	2.05	2.43	29.	31.3	11:3	11:3
“ IV.	1,222	1,265	91.1	89.8	2.35	2.51	33.7	38.	10:3	10:2
“ III.	1,074	1,249	91.4	90.7	2.41	2.29	33.9	34.4	9:2	9:1
“ II.	1,203	1,403	90.5	88.	2.84	2.61	36.6	42.5	7:11	7:11
“ I.	1,590	1,631	88.5	84.4	3.18	3.01	41.9	53.1	6:9	6:8
Suburban.	333	338	86.2	87.6	5.15	5.11	52.1	47.9	9:5	9:9
Totals.	9,008	10,098			2.49	2.40	32.2	35.8		

The per cent. of attendance at school always contains an element of uncertainty. It is to some extent discretionary with the teacher whether an absent pupil is to be counted as belonging to the school; and as long as this uncertainty exists, no per cent. of attendance can be absolutely correct. If a premium is paid for a high per cent., as in comparing one school with another, it will be high; otherwise it will be true. Such a premium has a tendency also to force the attendance of pupils at school. It often happens that children go to school when it is the duty of their parents to keep them at home. Necessary absence is to be commended as much as unnecessary absence is to be condemned. There is no premium in this city on a high per cent. of school attendance.

The following from the report of the schools of 1882 is evidence of the truth of the last statement :—

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 there is evidence that the record has recently 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.

A strict observance of No. V. of the following directions for keeping the registers has materially diminished the apparent per cent. of school attendance.

Half-holidays are given to pupils in the lower grades who have not been absent or tardy for one month. The standing of the pupil is not affected by such an absence, provided his recitations are good. But the absence is counted ; and this has diminished the number of pupils reported as perfect in attendance. The number of such has decreased about one-half.

---

### CONCERNING REGISTERS.

#### *To Teachers :*

The purpose of the register is to note facts in accordance with the requirements of law, and not to make a good showing.

I. On receiving a pupil with the proper ticket of admission, ascertain at once his age in years and months, residence, parent's or guardian's name, and the nationality of the parent, and make a record in a book kept for the purpose.

II. Keep the State register in accordance with the "directions" on the second page. In so doing observe the following :

III. When a class is promoted the first of September, count, as the whole number belonging, only those pupils who enter your school, not the number on the promotion list ; but it is your duty to ascertain, so far as possible, what has become of those named on the list, who do not appear.

IV. At the beginning of each succeeding term the whole number belonging will be the same as the whole number belonging at the close of the last term.

If any one has left school during a short vacation, he will be so recorded for the succeeding term.

V. "Every pupil shall be considered a member of the school from the time of his first entrance to the day of his last attendance for the term. If, however, a pupil withdraws from the school with no purpose of re-entering during the term, and gives notice of the same, but subsequently re-enters the school, he shall not be considered a member during such absence."

VI. If a pupil has been absent several days or weeks, and you then learn that he has permanently left your school, correct your record by calling the number belonging one less for the time during which you have counted his absence. Always keep this record in pencil so that it can easily be altered if necessary.

Do not make out the per cent. of attendance weekly, but at the close of the term.

VII. If a pupil remains in school less than one hour during any session, count him absent for that session.

#### TARDINESS.

I. Count all pupils tardy who are not in the school-room when the bell rings at nine or at two o'clock.

II. If a pupil comes to school, and, on finding that he is late, does not enter school, but is absent during the whole session, count him both absent and tardy for that session.

#### HALF-HOLIDAYS.

A half-holiday does not cancel a mark for absence, or a tardy-mark from the register. All absences and tardinesses are to be reckoned in making term reports; but in the report to a pupil's parents the half-holiday absences are to be kept by themselves; and a pupil not otherwise absent is "perfect in attendance."

A. P. MARBLE,

*Supt. of Schools.*

Worcester, December, 1882.

#### HIGH SCHOOL.

The number of pupils registered has increased by 74; and the ratio of those remaining at the close of the year to the whole number is greater by six per cent. than in 1882. Ninety-eight only have dropped out of the school, against one hundred and twenty-three the year before. This shows the public interest in the school, and its satisfactory character.

A special teacher of drawing has been employed in this school one day each week, at an expense of \$150 per year. This study is optional; about 225 pupils belong to the class.



Practical book-keeping, by an expert, is also taught the last half of each year, to a class of volunteers, at an afternoon session, from 3 to 4 o'clock. This class numbers about 40, from the three higher classes in the school. The cost will probably be about \$400 per year.

The custom of studying individual authors instead of a kind of picked-up dish of many writers, has lately been introduced into this school with great profit; the pupils learn something about a few prominent writers from the writings themselves. The observance of a day each year to commemorate one of our best writers, or some English poet has also become a custom here; and in this way the characteristics of the author become indelibly fixed in the minds of the pupils.

Through the activity and interest of the principal, Memorial Tablets to the graduates of this school who fell in the late war, have been placed in the main corridor of the building, facing the front entrance. The following correspondence explains itself:—

*To the School Committee of the City of Worcester, and to the Teachers and Pupils of the High School:—*

Monuments to the memory of the dead affect little those who have departed, but to the living they may be of lasting consequence. The erecting of memorials for the loved and cherished is as old as man; and from these, the acting generation derives inspiration for successful lives, to be in turn remembered.

Already the years separating us from the beginning of the Civil War have stretched away into almost a quarter of a century.

The noble structure of granite and bronze, erected upon our common, has for many years reminded the passers by of the Nation's sacrifice; but thus far the High School has had no permanent memorial of those who, once pupils here, went forth in the strength of their youth and manhood to do valiant work for Justice and Right.

Here they studied and fitted themselves for excellence in pursuits of peace; but when aggressive Wrong strove to overcome Truth and Liberty, they were ready to defer or give up the ambitions of their lives for the higher and holier claims of country.

During these more than twenty years, classes have come and gone, middle aged men have become old; youth and childhood have advanced to the active stations in life; but those who left this school as boys and perished in the Nation's defence have changed not.

What more fitting than that the names of the young and brave who from



school went forth to the dangers and privations of army life and thence to the graves of valiant soldiers, should be preserved here in marble tablets?

It is this thought that has prompted the preparation of these slabs, in the hope that the enduring character of the material from which they are fashioned may represent the lasting impression to be made upon the minds of students gathered here. If these names, thus sculptured, serve to keep alive precious memories; if they shall encourage a spirit of patriotism, making these youth and those who come after them equally zealous and devoted with the loyal dead, my highest wish will have been attained.

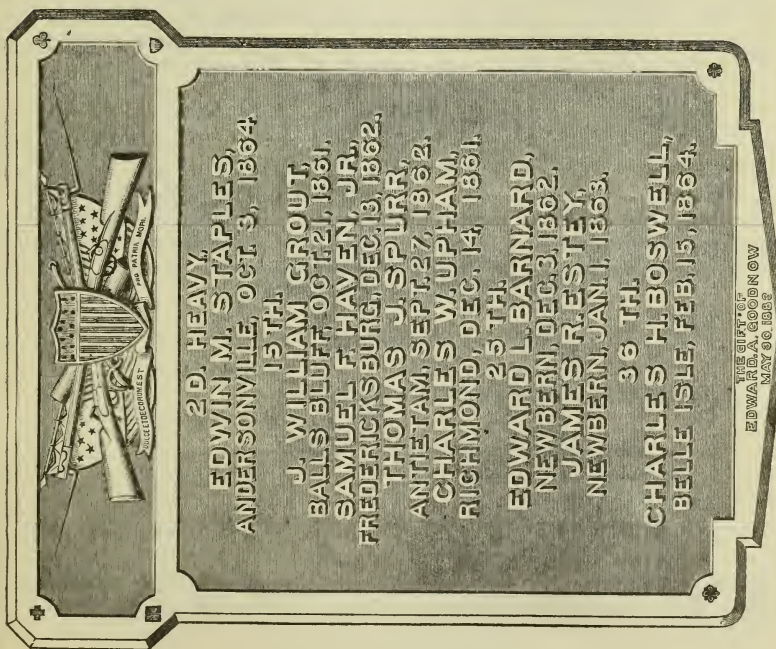
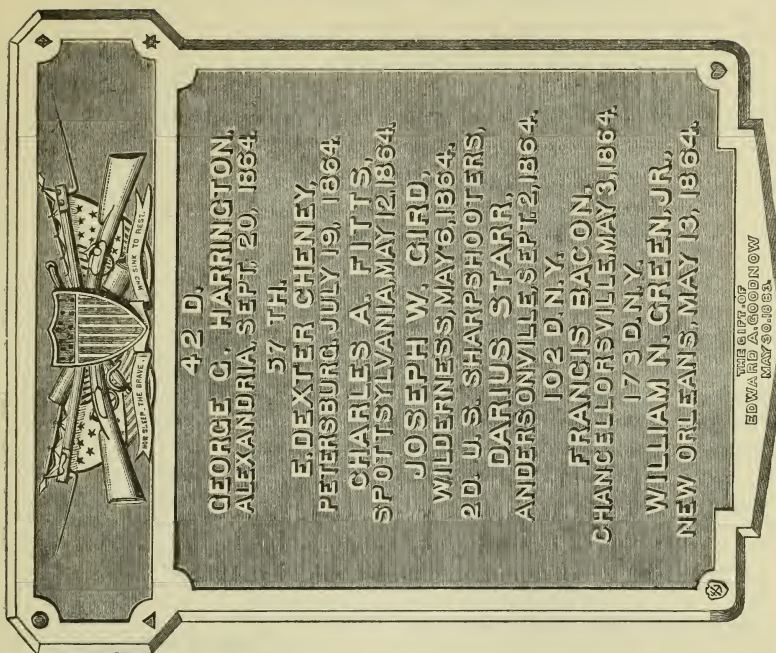
It is with this thought and this hope that I present these *Memorial Tablets* to the High School of this City.

EDWARD A. GOODNOW.

IN SCHOOL BOARD, June 5, 1883.

The following was adopted by a rising vote:

*Resolved:* That the thanks of this Board be extended to Mr. Edward A. Goodnow, for his generous gift of the Memorial Tablets placed in our High School Hall. These marble records cannot fail to inspire in our youth loyal sentiment and patriotic devotion. The gift is timely and worthy of imitation.



MURAL TABLETS PRESENTED TO THE WORCESTER HIGH SCHOOL BY EDWARD A. GOODNOW.

## THE GRADUATING EXERCISES

Took place in High School Hall, Tuesday, June 26th.

PROGRAMME.

## MUSIC.

Chorus and Solos :—Wandering in the May-time (Glover).

Misses Wood, DeLand and Class.

- |     |  |                       |
|-----|--|-----------------------|
| *1. | Salutatory:— with Essay; Two Views of Acadia.                                | Evangeline G. Nelson. |
| 2.  | Oration:— Wolfert's Roost; from Irving.                                      | Willard E. Ballou.    |
| 3.  | Essay:— The Character of the Gentle Boy; from<br>one of Hawthorne's stories. | Grace R. Everett.     |
| 4.  | Essay:— Longfellow.  | Anna F. A. Hunt.      |

MUSIC.

Piano Solo :— Sweet Recollections (Ascher).

Estella A. Pinckney.

- |                         |                        |
|-------------------------|------------------------|
| 5. Essay : — Hawthorne. | Anna T. Lovering.      |
| 6. Oration : — Cicero.  | Francis C. Huntington. |
| 7. Essay : — Macbeth.   | Katie A. Ruddy.        |

MUSIC.

Solo and Chorus: — The Evening Bell (from the German). Etta M.

Etta M. Holbrook and Class.

- |  |                     |
|--|---------------------|
| 8. Essay:—The Poetry of Bryant.                    | Carrie A. Thompson. |
| 9. Oration:—Protection.                            | George A. Ward.     |
| 10. Essay:—Some Women of Virgil; with Valedictory. | M. Alice Chase.     |

MUSIC.

Solo and Chorus :— Ave Maria (Mendelssohn).

Evangeline G. Nelson and Class.

Pianist — Estella A. Pinckney.

*Presentation of Diplomas by His Honor the Mayor.*

\* The Essays and Orations were not prepared specially for this occasion; they are selected from regular class work during the past two years.

## CLASS SONG.

Words by JOHN A. CHAMBERLIN.

Music by EVANGELINE G. NELSON.

## 1.

As a landscape, from a window  
 Covered o'er with dust of years,  
 Stretches on in misty dimness,  
 Viewed through eyes that fill with tears,  
 So our future lies before us,  
 And to us it is unknown  
 But it must be what we make it,  
 For it rests with us alone.

## 2.

We're already at the window,  
 We must brush the dusty pane,—  
 Pause a moment to regard it,  
 For we never can again.  
 There are spots, almost a blackness,  
 Hiding from our earnest gaze,  
 Everything which lies beyond them—  
 Strive to meet these doubtful days.

## 3.

Days when low the clouds will gather,  
 And our pathway gloomy be,  
 For we all must have temptations,  
 Pray that all may come forth free.  
 But as yet the sun shines brightly,  
 Not a sign the clouds foretell,  
 So we'll all be glad together,  
 Ere we say our last "Farewell."

## CLASS OF '83.

## COLLEGE COURSE.

Francis Cleaveland Huntington.

## FOUR YEARS COLLEGE COURSE.

Charles Benjamin Stevens.

Anna Eliza Welch.

## CLASSICAL COURSE.

Willard Earl Ballou.

Sarah Eliza Barrett.

John Avery Chamberlin.

Mary Agnes Carney.

Hiram Spencer Haskell.

Mary Anastasia Daniels.

Thomas Joseph Higgins.

George Bosworth Churchill.

George Austin Ward.

Walter Henry Tapley.

Norman Porter Woodward.

Carrie Whitcomb Chancellor.

J. Henrietta Athy.

Mary Alice Chase.



Jessie Milne Denholm.  
 Grace Rebecca Everett.  
 Etta May Holbrook.  
 Annie F. Arnold Hunt.  
 Mary Jillson.  
 Anna Temple Lovering.  
 Anna Eliza McDonald.

Evangeline Gertrude Nelson.  
 Lucy Day Perry.  
 Lois Orne Paine.  
 Estella Adelia Pinckney.  
 Katie Agnes Ruddy.  
 Emma Frances Spurr.  
 Effie Luella Warner.

#### ENGLISH COURSE.

Louis Henry Buckley.  
 Annie Scoville Hunt.  
 Emma Augusta Jefts.  
 Annie Blanche Leland.  
 Ella Marilla Lincoln.  
 Ella Teresa McNamara.

Stella Houghton Plummer.  
 Carrie Anita Savary.  
 Alice Allen Stevens.  
 Carrie Alona Thompson.  
 Emily Gertrude Whittemore.

#### PARTIAL COURSE.

Frank Harris Howland.  
 William Henry Wilson.  
 Annie Bowen Deland.  
 Josephine Wheeler Gird.  
 Gertrude Nancy Gordon.

Carrie Carleton Kinsley.  
 Mary Elizabeth Knowlton.  
 Eleanor Rowena Rawson.  
 Adeliza Rebecca Wood.

There is a feature of these graduating exercises as recently conducted, which deserves special commendation: "The essays and orations were not prepared specially for this occasion; they are selected from regular class work during the past two years."

The good consequences of this custom are far-reaching. Every essay for the two years is written carefully, for it may be selected as a graduating piece; and at the close of school, when the reviews take place, pupils are not oppressed with the nightmare of a great essay for a great occasion; and the essays whatever they are, will be the genuine work of the pupils.

The custom of the self-reporting of pupils as to both their scholarship and their deportment is forbidden by vote of the School Committee; and reference is made to this action in the School Report for 1874. This action has more especial reference to those schools where the pupils are constantly in the care of the same teacher. In the High School, without violating the spirit of the rule, each pupil makes an estimate of his conduct each week of the term; this estimate is not the record of the pupil's standing in the school, as appears from the card itself; it is made



to inform the teacher what is the opinion of a young man or a young woman concerning good conduct. This gives the teacher an opportunity to modify that opinion. In practice the effect on this school is believed to be good. The form of the report is as follows :

### WORCESTER HIGH SCHOOL.

Below is an estimate of my conduct in school each day of the ten weeks ending

.....188

*Signed*.....

M.	T.	W.	TH.	F.	AVE.
1					
TOTAL AVERAGE.					

This estimate is an index of the above pupil's notions concerning good conduct. Both the estimates and the notions are liable to revision at the discretion of the teacher.

ALFRED S. ROE, *Principal*.

### TWO CLASSES.

In 1881 the following was adopted by the *School Committee*, on the recommendation of the Committee on Teachers :—

“That each teacher below Grade IX. be requested to divide her class into two divisions, in order that one may have an opportunity to study while the other recites; and in Grades I., II. and III. there may be more than two divisions.”

The instructions to the teachers then given are now substantially in force. They are as follows :—

The object sought is to give each child a chance to work by himself, and in school. One teacher objects to the division because it is so much better, in her judgment, for the children of the Fourth Grade, for example, to study with the teacher: that is, she reads over the lesson and the children follow, with the book before them; they ask questions and she answers; she asks questions and they answer; she suggests, calls attention to this or that, and they take notice.

Nobody doubts that with young children this process is a good one; the children are learning how to study; they pick up a little here and there.

There is nothing in the division of classes to prevent this kind of teaching, hereafter, as much as is best. But this is not the only kind of study for even small children. The objecting teacher herself wants the children to do some kinds of work out of school. The committee want the children to do more independent work in the school; and for this the plan proposed furnishes opportunity. One division is engaged with the teacher; the other is engaged with their books, or slates, or paper. Judicious aid is given; and judicious work is expected from the pupils. The time is all occupied. There is no opportunity to wait for the hour to expire. Nothing is more demoralizing than the habit of staying in school and doing nothing.

In Grades I., II. and III. there may be more than two divisions. Some of the best teaching in primary schools is done in little divisions of twelve or fifteen pupils each. Nothing has made Quincy famous more than the possibility of so dividing classes. In order to interest young children it is necessary to know them individually; and the attention of pupils in these lower grades can not be kept on one subject more than fifteen or twenty minutes at a time. While a small class is engaged with the teacher the rest of the pupils can be occupied, each by himself. The number of divisions in these grades is not, therefore, limited.

In making these division, the question has been asked, on what principle shall the classification be made?

1. In the first place do not put the boys in one class and the girls in another.

2. It will be harmful to sort out the nervous, brilliant reciters of lessons for one class, and the slow and dull for the other. The nervous, high-strung, ambitious boys and girls are not the ones to be pushed forward in advance. It is better in many cases for them to go along moderately, and to fill up the spare time by broadening the range of what they learn, than to push them forward or allow them to rush forward too rapidly in the school curriculum. This broadening may be done by directing their reading and turning their attention to what goes on around them, in the shops, on the street, and in the business which they may happen to know about. Instead of adding to the set and formal lessons of this class of pupils, they may be allowed to set down in writing what they know of any subject, or any process of manufacture. They thus get ease of expression and a definiteness of thought, which less practice does not give the other pupils. The interest of this class of pupils in the lessons which it takes only a small part of their time to master, may be kept up by incidental attention to correlative subjects. It is not always best to hurry a bright and active pupil into the next grade. So much by way of suggestion as to these smart pupils.

3. Again: In each of the rooms there is a class tolerably well graded; they are never exactly graded: if they are subdivided, the classes will not long remain exactly graded. It is not necessary, and not desirable that they should be kept exactly graded. Now, by dividing the room into two classes, the matter stands about where it did before—no more difficulty; no less. If

it happens that the two classes keep on, neck and neck, no matter. If it turns out that one class gets along faster than the other, no harm in that. But the bright division, if there be one, should not absorb the teacher's time; and pupils are not to be put from one to the other as a reward of merit or a punishment. In either case, the two divisions will go on together to the next room, just the same as if there were but one class.

4. Music is taught to the class in a room, all together, whether they be in one grade or in two. All are in one class in this study. The same is true of drawing and penmanship. The division should apply to all other studies.

The classification or grading of pupils has been adopted step by step, as difficulties have arisen for which this grading was thought to be a cure. How close the classification should be, must be determined by circumstances. If all the ninth grade pupils in the city were in one building, it is not unlikely that they might with advantage be divided into six classes, each different from the other. In this city there happen to be nine grades below the High School; in some cities the same ground is divided into twice as many classes or grades. Possibly this double classification of ours may result hereafter in as many grades in some schools, though not necessarily in all. But it is of no serious consequence whether it so results or not.

The danger with all this classification and grading is that the class or the grade will come to be more important than the scholars; that more thought will be given to grading the pupils than to teaching them; that what has been adopted as a means, will be treated as an end. All the machinery of schools—the organization with principals and assistants, the grading, the course of study, the programme of exercises which every teacher is required to have, all this has been set up like the staging to a house for the purpose of building up the children, and not as a part of the house; all this is only for a help; the aim and the end is manly and womanly character in the pupils.

## RANKING AND MARKING.

This subject was acted upon by the School Board in connection with the High School in 1875; and the following sets forth the principles of marking adopted in all the schools of the city:—

It has long been the custom for teachers to keep a record of the scholarship of their pupils, both in the daily recitation and in the term examinations, and to send to the parents a report showing the pupil's standing in each study, and until recently his rank in the class. Blanks have been provided for these reports. The sending of such reports has not, however, been insisted on in all cases. The teacher has been allowed to make as much use of the reports as he finds to be best for himself and for his school—except that the parent ought always to be notified if a pupil is not doing his duty. Some teachers find the reports useful; others prefer other means. It is best, so far as possible, to let each work in his own way.

A few of the teachers think that the members of the class can be wisely stimulated, by marks, with figures all the way from 1 to 100; if one child is



marked 67 and the other 68, both will strive, they think, with all their might to see which will be ahead. In some schools the plan has worked well, and no injury has been apparent. In some schools, on the other hand, the evils of that practice are apparent. However well the plan may work in the hands of a wise teacher, the principle at the bottom of marking, as often practiced, is wrong; and the time will come when everybody will find a better way.

In the High School, years ago, there was a fund devoted to paying for prizes to be distributed among the pupils. It was found in practice that the effect was harmful; a few of the best scholars simply ruined their health in the attempt to get the prize, while the mass of the pupils, the very ones who most needed a stimulus, were not affected by it at all; they had no hope of getting it. The fund was afterwards devoted by the donor to the purchase of apparatus and books for the library.

Later in the history of that school, an elaborate system of book-keeping was devised by which the daily recitations, the behavior, and the natural ability of every pupil could be recorded and preserved for the perusal of coming generations. Twenty years hence, if the record had been continued, John Smith, a candidate for mayor perhaps, might have it tossed in his face by his opponent, that on a certain day of a certain week he failed in the Worcester High School to recite the binomial theorem. Each teacher kept a book; and "another book was opened," which required almost the entire time of one teacher, besides the time which each of the other teachers would have to spend in the recitations, in making marks. It was abandoned, and the school did not "go to pieces."

The last plan in that school is similar to that in practice in the Grammar Schools. To show the standing four letters are in use: A, excellent; B, good; C, passable; D, impassable, or words to that effect. Even here the girl who is marked B, is very anxious to get A; and the one marked C, wants to get B. In this school there seems to be a necessity for something to stimulate those boys whose parents wish them to pass the college examinations. Probably there is now nothing better to take the place of this stimulus. This particular school has been referred to as illustrating some of the effects of the various systems of marking, and the present mild form, which omits the "rank in the class."

Let us examine the marking system as ordinarily practiced: A class of fifty pupils are ready to recite. The first performs his part, whatever it is, and the degree of excellence must be judged and recorded. A judgment and the record of that judgment in a book, opposite a name, takes time; call it ten seconds. Here are five hundred seconds for each of the recitations of the day, perhaps six in all, making three thousand seconds, or fifty minutes, daily. Written exercises must be taken home, fifty of two pages each, it may be, and a paper in each of the six studies; six hundred pages; discount this estimate and call the aggregate four hundred pages. At one minute a page it will take six hours and forty minutes to correct and mark these papers; six hours which ought to have been devoted to rest, perhaps. All this time and strength is so much deducted from the work of teaching and training the pupils.

This marking tends to poor teaching: for where every answer is to be marked, the question is likely to be framed with reference to marking the

answer, rather than to instructing the pupil. In preparing questions for written examinations a tendency is often seen to frame them in sections of two, five, or ten parts, like sausage links, so that each section may be "marked" on a scale of ten. All such calculations interfere with the best teaching.

The ranking of a school makes prominent a low motive for study, the wish, that is, to outdo one's neighbor; and in the haste to do this, children not unfrequently deceive, cheat, and lie. People are enough inclined by nature to get ahead of their neighbors. This sentiment should not be encouraged.

It often happens that a child with greater ability than the average, or with better opportunities at home, stands easily at the head of the class. Nothing is more natural than that such a pupil should think himself entitled to credit for an eminence not earned. A false pride comes in almost surely, which is quite sure of a fall. On the other hand, a pupil naturally slow but industrious and persistent, will be at the foot of his class and become, in so far as he is affected by the marks, discouraged; when the fact may be that, measured by his opportunities and his efforts, he ought to be at the head of the class. And where the competition is sharp, and emulation at its flood, did any one ever see a class of pupils without envy, jealousy, and worse? The next to the highest wants an explanation of this, that or the other mark, by which he was put below his neighbor. If such feelings are not noticed, they rankle. If there are no such feelings enkindled, then where is the use of the ranking? It is not possible to have strong feeling about rank without, at the same time, these unlovely feelings.

Let it not be inferred from the above that this exaggerated kind of marking characterizes our schools. But marking for rank, in order to be just, must be as strict as that described above; and if we have it in a modified form—as a kind of estimate—then the very arguments by which it is defended fall of their own weight; the estimate if partly good may be wholly, or almost wholly, good.

Now, let us ask, what good comes of all this marking, either in its extreme or in its partial form? this waste of time and strength, this false motive and this awakening of unamiable passions? Either, it must be claimed, we arouse the ambition and get more work out of the children, or else it is a good thing in itself to compare children with one another; that is, it is a part of the teacher's work to send a report to Mr. A. to say that his boy is smarter or not so smart as the boy of Mr. B. As to the ambition: It is quite probable that full as much harm is done in school by over stimulating pupils as by under stimulating them; for the trouble always is that the stimulus most affects those who do not need it, and affects not at all those whom it might benefit. Suppose ten dull boys to be benefited ten per cent. by the stimulus, and one bright girl killed by it—and the case can be found—on which side, do you think, would the balance stand? Even throw into the scale a splendid school with a very "high standard," and the parents of the lost child, and the parents of other such children, would prefer to omit the stimulus.

But there will be after all a stratum of the poorest scholars who do not feel this stimulus at all—the very ones, as said above, who most need to be stimulated.



Now is it not likely that, for the sake of arousing ambition, a better plan than marking, ranking, and comparing, can be found? Take all the time spent in this way and devote it thoughtfully and wisely to awakening a profound interest in the subject of study with the comparatively few pupils who need to be interested. The brightest three-fourths of the class do not need it. In the remaining quarter, the interest of one will spread to the others. It is not implied, here, that teachers do not now seek thus to interest the pupils; it is only suggested that, to the time now spent in that way, most of the time given to marking and ranking be added.

As to the duty of teachers to compare pupils with one another and send the results to the parents: If there is anywhere an absurdity it is such a suggestion. Nobody sends a child to school expecting a report of his comparative weight, or height, or shade of skin, or color of hair. Nobody asks teachers to report weekly how many ounces more or less than the "average in the school" the boy has grown; and why not, as much as to expect them to report how much, comparatively, he has learned in school? that is, whether he has learned half as much or twice as much as the next boy? This comparing of one pupil with another, is very objectionable. If one does his best, nothing more should be required of him, though his neighbor has done twice as much. If another has done only half he might have done, he is to be blamed, though no one else has done half as much as he. The only just comparison is between what one has done and what he can do. The only just standard for any one is his own possibilities. It should be immaterial to any pupil what his neighbor has done; but it concerns him whether he has done his best. There is every diversity of talent among our pupils. It is our duty, not to make them identical but to develop them. Children in the schools have all sorts of home influences to help or to hinder them. It is the teacher's business, not to unify those influences, but to help each pupil to adapt himself to his surroundings; to show him that the adverse must be withstood; and that favorable opportunities demand greater achievements.

What sort of a motive is this to hold up to a young person whose character you are forming in school: To see if you can outdo your neighbor—to stand one in a class of fifty? How will the forty-ninth feel? If you were the forty-ninth, could you rejoice with the number one?

There is a nobler aim in study which the youngest can be made to appreciate, the pure delight of learning. It may be said that children are slow to experience any such delight. But it is seen in many a school. Perhaps it is not seen in more because of this very ranking and marking. Sweep all that away and spend all the time in the other direction, and see if the real love of study will not do more for your pupils than all this artificial system of ranking.

Some one objects that without marking and ranking we can not have a "standard." If there is anything that will ruin schools, it is this idea of "standard" as it lies in the mind of certain teachers. It is an idol whose worship is worse than that of Juggernaut. It slaughters children mercilessly and relentlessly. A worshipper of this idol forgets the interest of the pupil, in keeping up the standard of the school.

It is our business to instruct, to help on, to train, to develop character and

scholarship. Given fifty children, and the sublime opportunity to form and mould and guide them! It is contemptible—more, it is wicked—to keep the eyes on some ideal “standard,” and crush or drive away the pupils. The “standard” is what your pupils are able to do profitably. Any other standard is ruinous, and ought to be destroyed. The pupils are of more importance than the school. Children were not made for schools; but the schools are made for the children.

Some one else objects that this competition and comparison is just what we all have to meet in life, and so it is beneficial for children to meet it in school. But it is not just what we meet in life. Competition, the jostling for place, and power, and precedence, there is, of course. But who is the teacher to mark, and rank, and average? Who fixes the per cent. of Rev. Mr. ——— and his rank with the Rev. Mr. so-and-so? Who fixes the rank of Mr. lawyer ——— in his “class”? Nobody. In this competition the judges are many, and the judgments are not uniform concerning any individual. We, each of us, have the satisfaction of ranking high among our friends, though others rank us low. And such competition as this, there may be in school without the ranking and marking. Healthy emulation does not depend upon marks and ranking.

It should be noted that less and less importance is attached to mere marks year by year. Admission to the High School does not now depend upon the work of one great day; it depends upon the faithfulness of a pupil during the year. Promotion from grade to grade, or advancement from class to class in the lower schools is determined in the same way. Admission to some of our best colleges is now gained upon the recommendation of the teacher in the fitting schools: and this plan meets with favor more and more as the professors discover the improved quality of the students admitted. No lawyer from the professional school, no doctor from the medical school, no preacher from the seminary, and no teacher from the Normal School or from the department of Pedagogy in the college—no one of these has in his diploma, whatever the percentage of his rank, any surety of success in his calling. It is the valedictorian in his college class or in the High School, and the boy who “ranks one in a class of fifty,” that is in great danger of turning out a fool: not that the work implied is not beneficial; but the conceit that goes with the “rank,” that sublime consciousness of superiority, is worse to withstand in many cases than an “army with banners.”

Now, in spite of all this, marks as a means in school discipline were invented to produce a good result. There is no doubt that they have been useful: there is no doubt that, in some places and with judicious limitations, they may be useful. Nor is there any doubt, that the whole system of marking and ranking will, at no distant day, give way to something better, just as the staging, which has been erected in putting up a building, and which has served its purpose, must come down, and no longer disfigure that which it was instrumental in producing.

The evils of the marking system herein set forth as vigorously as circumstances permit, are not descriptive of what is seen in any one school. Of the picture which has been sketched above, only a little shadow here and there, applies to our teachers. The evil is here, only in a partial form. But it is

here, in this modified form. In the written examinations the idea has been abandoned, as far as possible, that this is a great day of reckoning, a day of final accounts, a day of all days in the term the most important. Each set of questions, in the hands of the teacher, has on the title-page this legend :

“These questions are not designed mainly as a test. They are meant to be suggestive of future teaching. The answers are not to be rigidly marked as a test for rank. Promotions depend chiefly upon daily work during the term.

“Pupils should enter upon the examination as upon an ordinary recitation, as far as possible. There should be no previous notice or parade about it. Nothing about the printed questions should interfere with that sensible teaching which is best for the pupils individually.

“There are always pupils in every school who can never make a display of the results of teaching. Good teaching, however, is not less effective with these than it is with the more brilliant pupils. The conscientious work which is done with the slow or dull, though not always seen, is to the credit of a teacher, and will be prolific of good results in the time to come. It is not always possible to foretell the power of a man by the promise of childhood, except in the one item of persevering industry. In teaching, the seed that does not at once spring up is by no means lost.”

It has been the design in conducting these examinations to prevent the laborious and largely useless task of marking answers with scrupulous care, by hard-worked teachers, in the hours that ought to be devoted to sleep or to rest. In spite of all that has been done to prevent it, however, the practice of too rigid marking has continued, in many cases. All the emulation that is desirable may be secured without the ranking; and by abolishing it we may avoid the heart-burnings which it inevitably engenders among children. Moreover, in the absence of this artificial stimulus, the ambition to study for the sake of acquiring knowledge and power, instead of the mere wish to out-shine one's neighbor, is more likely to be awakened; and the study and all the school work will be done in a better way.

On this subject of marking and ranking three directions have been given : (1), That the standing shall be indicated by the letters; (2), that the rank in the class will be omitted; and (3), that pupils will not be seated according to rank.

The comparison of one child with another is no part of the business of a school. But here a caution may be necessary. These opinions are liable to be misconstrued. In avoiding too much, there is always danger of doing too little. Here, as everywhere, in steering clear of Scylla we are liable to strike Charybdis.

It is always well to compare a pupil with himself. The standard for him is, what it is possible for him, by industry, to attain. Each day and each year ought to be an advance upon the last; and every boy and girl ought to be satisfied with nothing but the best. Any simple plan for so comparing a pupil, is not objectionable. Every one of them ought to have it impressed upon his mind that his very best, every day, is what is expected of him. No elaborate system of figures is required for determining whether a pupil is doing his best, by a teacher who hears him recite every day. The report of individual pupils, which a teacher can make from memory, is more nearly correct than any which can be derived from all his records, however elaborate.



And it should not be understood from the remarks about a "standard" that there ought not to be an ideal standard of excellence. The standard is not to be held up as a terror to drive away and discourage pupils. An ideal excellence, superior attainments, noble achievement, is a good incentive to lure children on. We cannot have too much of it. But this ideal excellence is a spiritual thing; it cannot be represented by a per cent. Like the heat and the sunlight, it may be seen and felt, but it cannot be measured and weighed.

## INDUSTRIAL EDUCATION.

The following communication to the Board was made, and action taken in accordance with it at the beginning of the present year; the practical results will be awaited with interest:

"The subject of Industrial Education has received much attention for the past few years, and it is now unsettled. In certain cities of the State experiments have been tried with great satisfaction to their friends, in the direction of furnishing training for pupils of the public schools in various kinds of manual labor.

"I suppose there is no question that much good has been done in these schools. This being granted, it should be remarked, however, that it does not follow that such schools ought to be opened in every city. If there is a good thing for one place, there may be a better for another.

"In the city of Boston, a carpenter's shop has been opened in a basement room of the Dwight School. Benches, tools, lumber and a teacher have been provided; and a few boys, volunteers, from the Grammar schools, go there a certain number of hours a week, and are taught the first steps of the carpenter's trade. Only a small per cent. of the boys in this school, say five or six per cent., receive this instruction. The course of study is printed; it consists first, of driving a nail—striking a square blow with the hammer; then of cutting a board with the saw; then planing a board—making a square edge; then, making joints, &c., &c. It is said that the boys who work in this shop a few hours each week, do not fall behind the others in scholarship, and all they learn of the trade is clear gain. So satisfactory has been the experiment thus far, that it is to be extended, and an appropriation of \$2,500 has been made for the purpose of opening other similar schools in that city.

"The same interest has also been manifested in other cities in the State; and the State Board of Education has given the subject more or less attention; and the members of that body look with favor upon these attempts to solve a problem of growing difficulty. The popular interest in industrial training, and the wide-spread demand for an education which shall prepare boys and girls to make their way in life, is of comparatively recent growth. Its cause is not difficult to see.

"Formerly each man worked more by himself, and more independently, as a rule, than he does now. The shoemaker cut, crimped, lasted, pegged and finished the shoe throughout. Now he does only a single part. One man cuts; another trims; another pegs; another finishes. Then, he could teach

his own boy in his own shop. Now, machinery largely does the work of men; every place is crowded; and all a boy can do is to go to school or be idle. Then, the carpenter and the mason built the house entire. Now, the house is made in a dozen places, and the carpenter and the mason go to the spot and knock it together in a few days. The doors and sash, the stairs, the finish for cornice and window-cap, the mantel-piece, the hearth-stone, and the chimney-cap are all made outside. Samuel J. Tilden's dining-room finish for the new house in New York was made in a Worcester shop.

"What is true of the carpenter and the shoemaker, is true of other trades. Machinery, and division and sub-division of labor, have so revolutionized business, that there is in cities very little for boys and girls to do, and very little opportunity for their parents to teach them the trades by which they themselves earn their living, or any other business. Now the public schools are not organized for the purpose of teaching boys and girls trades; nor do they, nor have they ever assumed that they can warrant all pupils to become thrifty and prosperous men of business. All these schools claim is that a pupil whose wits and intelligence have been sharpened by study, is thereby better fitted to learn some business by which he can get a living—not that the school fits him to get a living by teaching him the details of any kind of business. A church and a temperance society, in like manner would not take the contract of securing to each of their members the ability to earn his living at once; but to be good and temperate, helps in that direction.

"If there is anything which schools can do, however, which will better prepare the pupils for the duties of life, this is a good thing for them to undertake so far as they can without neglecting something more important. Now it is a question, it would seem, whether the best thing for pupils is a carpenter's shop, or some other kind of a shop in the basement of the school-house. Only part of the pupils can profit by it. It is expensive, and it covers only a small part of the field; for not all would wish to learn any one trade, and too many trades in the basement would be confusing. The experiments tried in other cities will furnish data from which we may act more intelligently in future. It is not necessary, therefore, to recommend the opening of any shops, in the basements of our school-houses at present, both for the above reason and because all our basements are in use.

"All the good which the shop arrives at, and much more, can be secured in another way, and with a direct and positive benefit to the regular school work. One of the most important subjects of study in any school is the English Language; and the very best way to learn the proper use of the language is, to use it intelligently. Such a use enables one to acquire knowledge from all that has been written—to drink from the exhaustless fountains of literature and science. The first step in such a use of language is to have something to say. Expression is easy when there are ideas to express. You have only to tap a reservoir that is full and the water flows. It is hard pumping to any purpose from an empty well. Some of the most futile efforts at writing are made by pupils when they try to say some great thing about that of which they know nothing.

"It would be highly useful to give some chance for pupils to learn, not a little bit of carpentry or shoemaking, but the outline, the outside appearance



of many trades, and then to write about what they have seen and learned. By such familiarity with the business carried on in the town, they not only learn this all-important use of language, but better still, they learn to investigate; and better than all, they may become familiar with many kinds of industry, and from them all, they may be in some measure prepared to select that occupation for which they each are best fitted.

"The tendency of schools, books and study, is largely in the direction of literary pursuits. A boy goes to school, to the High School and the college it may be, and he thinks of nothing as the practical outcome of it all, except the law, the ministry, medicine, school-teaching or journalism. The Technical schools and the Scientific schools have, in recent years, opened the field for a new ambition.

"Let us extend the effect of such schools into the Grammar and High Schools, and give, if not a scientific, at least a practical tendency to the instruction in these lower schools. Simultaneously with the grammar school studies, let us acquaint pupils with the business life which men and women—their fathers and mothers—are engaged in, in the vicinity of the school. It is unnecessary to elaborate this idea further. And now for the practical thing:—

"Let the pupils of Grade IX. for example, be divided into squads of six or eight boys, or six or eight girls each. Let the teacher or else some trusty pupil lead the squad. With the approval of the superintendent or overseer of the factory or shop, previously obtained, let a squad visit the place of business, and carefully observe all there is to be seen. So far as is possible, without interference with the work, let each pupil exercise the Yankee privilege of asking questions. From Cyclopedias and all other available sources, let each of these pupils learn all he can about the business which he has inspected; and then after a few days of reflection, in order that he may digest and assimilate his knowledge, let him write out in simple language what he has learned. This is the lesson in language which has been so highly commended above.

"It will be seen that this plan followed through a series of years, familiarizes all the pupils with a great variety of industries. Each hears what the others have learned. Each may pursue the study of some one kind of business, or he may learn about several; and since there are some half-a-dozen of his mates who have seen the same as he, he may contrast their knowledge, as expressed, with his own. The details of this plan would be too full for complete expression here. The only interruption of school work would be the use of one half-day in a month or two. And there is nothing in this proposition which would interfere with—it would rather aid—the opening of a shop-in-the-basement, if that shall be thought advisable.

"The Superintendent with the consent of the Visiting Committee, was authorized to dismiss any Ninth Grade School for the above purpose—not exceeding one half-day in two weeks till the end of the present School Year."

## THE BULLOCK HIGH SCHOOL LIBRARY AND APPARATUS FUND.

In the report of the Schools for the year 1882 the history of this fund is given. The investment is in the care of the City Treasurer, Mr. William S. Barton, under whose careful management it has been increased from \$1,000 to \$1,500. The income is expended by the Principal of the High School, with the approval of the Chairman of the Committee on that School and the Superintendent of Schools.

The present state of this fund is shown in the following communication :

OFFICE OF THE CITY TREASURER,  
Worcester, Mass., Dec. 21, 1883.

To A. P. MARBLE, Esq.,

*Superintendent of Schools.*

SIR :

The undersigned, as Treasurer, *ex-officio*, of the Bullock High School Library and Apparatus Fund, presents for your information, and that of the Honorable School Board, the following brief statement of receipts and payments, on account of said fund, during the last financial year, together with the balances carried forward, at the close of business, November 30, 1883 :—

Balance, Dec. 1, 1882, viz :		
Deposits in Savings Banks,	\$1,500 00	
Cash on hand,	32 11	
	<hr/>	\$1,532 11
Receipts during Year, viz :		
Dividends on Deposits,		\$60 34
		<hr/>
Total,		\$1,592 45
Payments during year, viz :		
Sundry bills for Books,	\$88 53	
Balance, Nov. 30, 1883, viz :		
Deposits in Savings Banks,	\$1,500 00	
Cash on hand,	3 92	
	<hr/>	\$1,503 92
		<hr/>
		\$1,592 45

Respectfully submitted.

WM. S. BARTON,  
*Treasurer.*

## To Close.

At the present time, the public need, most of all, to understand that the Public Schools were not organized originally to subserve every public interest directly; that some of the benevolent enterprises of Society have heretofore been left to other agencies; and it is wise that some of them should be left there still.

It is an old-fashioned notion that parents ought to rear their children; that they ought to instruct their children in morals and religion, either at home or in their respective churches; that they ought to bring them up to habits of industry, and see that they are fitted to be self-supporting; and that the public schools were established "that learning might not be buried in the graves of the fathers."

It has now come to pass, despite the traditions of our Puritan ancestry and the influence of these schools and the churches, that there remain in society certain evils, such as intemperance, idleness, and inability on the part of some people to easily earn a livelihood. Accordingly, some of our benevolent fellow-citizens fancy that the remedy for all such evils lies in some modification of the public school system. One proposes the scientific teaching of temperance in the public schools as a cure for the vice of intemperance; another desires to establish "annexes" to the public schools, for teaching boys and girls trades.

Without further discussing such propositions as these, it is to be remarked that whatever the public schools may do, and however well they may do it, whether in their present field or over a broader territory, they will become an evil in so far as they create the impression that parents are thereby relieved of their responsibility. This feeling of relief is evinced by the very fact that the schools are looked to as a means of doing what parents were formerly expected to do.

It is surprising to note that, of the ten thousand pupils in the public schools, not one-tenth of the parents, probably, are personally acquainted with the teachers, or ever consult with them about the peculiarities of their children; and perhaps a majority of those who do so consult, are led to it because they have

occasion to find some fault. No pet horse or favorite dog would thus be left to the care of strangers. This is not because the parents are indifferent to their children; it is because they have an overweening confidence in the public schools. The honesty of purpose and the faithfulness of teachers generally, justifies great confidence in them; but they need the intimate co-operation of parents and they must have it to secure the best results.

Much as teachers and schools may do, there is vastly more which they must leave undone; and much of this work belongs to parents who can not escape their own responsibility. It needs to be said with emphasis, and it should be repeated on all occasions, that after all which schools can do, the parents mainly are to mould the next generation; and the schools must not take the responsibility of doing entirely what belongs so largely to those parents.

A. P. MARBLE.

WORCESTER, January, 1884.

# SECRETARY'S REPORT.

## FINANCIAL STATEMENT.

### RESOURCES.

Appropriation by City Council,	\$182,133 46
From books sold,	140 16
Materials sold and repairs,	62 39
Fines,	80 00
Rent,	12 49
Tuition,	321 00
	<hr/>
	\$182,749 50

### EXPENDITURES.

Salaries of Teachers,	\$142,676 73
Salary of Superintendent,	3,000 00
Salary of Clerk,	1,000 00
Salaries of Truant Officers,	1,800 00
Fuel,	9,244 29
Janitors,	6,757 22
Cleaning buildings and yards,	1,342 27
Brooms, brushes, pails, &c.,	735 21
School books,	1,684 25
Stationery, ink, &c.,	857 52
Apparatus,	877 07
Printing and advertising,	630 91
Insurance,	110 00
Horse hire,	250 00
City water,	576 96
Gas,	470 94
Railroad tickets for drawing teacher,	90 70
Miscellaneous,	356 65
	<hr/>
	\$172,460 72
Returned from these items,	541 16
	<hr/>
Ordinary expenses of schools,	\$171,919 56



## ORDINARY REPAIRS.

Of School-houses,		\$5,906 29	
Stoves, furnaces and steam heating			
apparatus,		1,251 11	
Furniture,		1,005 82	
		<hr/>	
		\$8,163 22	
Returns,		62 39	
		<hr/>	
Net cost of repairs,			\$8,100 83
			<hr/>
			\$180,020 39
New furniture,		\$1,791 60	
Rents, Superintendent's office,	\$750 00		
School-rooms, New Worcester,	200 00		
	<hr/>		
	\$950 00		
Returned from these items,	12 49		
		937 51	
			\$2,729 11
			<hr/>
Total expenditure,			\$182,749 50

## 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 87	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, 36 x 68, for six school-rooms. Hall in French roof and two school-rooms.
Walnut Street.....	"	3	70 x 50	6	"	20,000	9,487	1 25	12,333	32,333	
Belmont Street.....	"	2	92 x 90	15	"	45,000	31,450	25	7,850	52,850	
Dix Street .....	"	3	96 x 60	10	"	30,000	24,000	25	4,000	38,000	
Woodland Street ..	"	2	96 x 60	9	"	28,000	40,000	25	10,900	38,000	
Lamarine Street...	"	2	96 x 41	12	"	10,000			10,000	10,000	
Washington Street..	"	2	96 x 30	12	"	27,000	48,000	20	9,608	36,608	
Ledge Street.....	"	2	96 x 30	12	"	5,500	7,188	60	4,313	9,813	
Thomas Street .....	"	3	96 x 60	12	"	30,000	40,670	20	8,134	38,134	
Sycamore Street.....	"	3	75 x 53	12	"	33,000	23,433	60	14,060	47,060	
East Worcester.....	"	2	62 x 52	8	"	20,000	12,625	75	9,468	29,468	Two L's 82 x 21 each.
East Worcester.....	"	3	62 x 50	6	"	13,000	18,150	40	7,260	20,260	
Providence Street...	"	4	62 x 30	4	"	5,000	9,060	50	4,530	9,530	
Gratton Street.....	"	2	62 x 50	8	"	18,000	58,000	50	29,000	47,000	
Gratton Street.....	Wood,	2	46 x 24	2	Fair.	16,000	21,897	15	3,734	18,734	
Ash Street.....	Brick,	3	50 x 31	6	Good.	2,000	13,400	30	4,020	17,520	
Winifred Street.....	"	2	73 x 32	9	"	30,000	23,184	10	22,918	52,918	
Winifred Street.....	"	2	107 x 50	9	"	20,000	17,250	1 25	21,500	51,500	
Millbury Street.....	"	2	78 x 62	18	"	22,000	52,624	20	5,001	34,601	
Salem Street.....	"	2	62 x 50	4	"	13,000	17,555	40	6,266	23,266	
Edgeworth Street...	"	2	62 x 50	4	"	22,000	30,760	5	6,022	17,022	Addition built in 1880, 38 x 34.8 for three school-rooms. [Ward 8 ward-room in basement.
New Worcester.....	"	2	50 x 36	9	"	9,000	14,900	15	5,888	20,388	
Summer Street.....	Wood,	2	51 x 48	5	Poor.	3,000	34,500	40	4,232	6,232	
Quinsigamond .....	Brick,	2	75 x 32	6	Good.	20,000	16,083	5	1,725	9,433	
Mason Street .....	"	3	44 x 30	6	"	5,500	13,200	15	1,980	7,480	
Adriatic .....	"	3	62 x 51	6	Fair.	15,000	22,000	10	2,500	17,500	
Union Hill.....	Wood,	2	43 x 28	4	"	2,000	11,000		1,100	3,100	
Northville .....	Brick,	2	73 x 30	4	Good.	5,500	34,875		500	6,000	
Tannock.....	"	2	43 x 32	2	"	5,000	11,500		300	5,300	
Valley Falls.....	Wood,	2	28 x 22	1	Old.	6,600	29,440		100	6,700	
Valley Falls.....	"	2	25 x 22	1	"	500	4,988		100	600	L 35 x 28.
Trowbridgeville....	"	1	36 x 25	1	"	300	3,050		75	375	
Brookfield.....	Brick,	1	36 x 28	1	Good.	1,500	43,560		100	1,600	
Broomingdale.....	"	1	40 x 32	1	Fair.	8,000	22,600		200	3,200	
Adams Square.....	"	1	40 x 32	1	Good.	2,800	22,360		300	3,100	
North Plain.....	"	1	31 x 28	1	Fair.	1,600	21,800		300	1,900	
Chamberlain.....	"	1	31 x 22	1	"	1,200	21,780		100	1,300	
Lake View .....	Wood,	1	44 x 30	1	Good.	1,600	15,684		400	2,000	
	"	1		1							
				227		\$ 666,600	23,39 acres.		\$ 231,386	\$ 897,986	

## STATISTICAL TABLE

SHOWING THE NUMBER, ATTENDANCE, ETC., OF THE PUPILS IN THE PUBLIC SCHOOLS, FOR THE YEAR ENDING DEC. 1, 1883.

SCHOOLS.	TEACHERS.	ENGLISH AND CLASSICAL HIGH SCHOOL.												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.				Average to each scholar for the year.	Average age Jan. 1, 1884.
GRAMMAR SCHOOLS. GRADE IX.															
Alfred S. Roe,															
672302370 461.1447.697.1557539197234225284314 .68 2538 5.516.2 11 session daily.															
Belmont	St. Arthur G. Lewis.	84	35	49	54.6	51.1	93.5	46	51	4	14	8	5		14.11
Dix	" William H. Bartlett,	57	29	28	52.8	49.7	94.1	15	46	10	7	12	10		14.5
Winslow	" J. Chauncey Lyford,	62	23	39	55.3	52.1	94.1	29	55				8		15.1
Woodland	" Joseph Jackson,	80	32	48	59.5	55.1	92.6	48	60	6	15	12	6		15.4
Washington	" Charles T. Haynes,	115	53	62	94.5	90.5	95.9	47	96	23	20	28	20		14.11
Ledge	" Charles C. Woodman,	75	40	35	46.5	44.1	94.6	33	49	9	6	5	21		14.9
		473	212	261	363.2	342.6	94.2	218	357	52	62	65	70	414	1.13 704519.414.11
GRAMMAR SCHOOLS. GRADE VIII.															
Belmont	St. Mary H. Warren,	59	29	30	50.4	47.5	94.3	10	51	12	6	12	9		14.
Dix	" Effie F. Kinne,	46	22	24	34.9	32.9	94.2	10	40	15	21	12	4		14.
Winslow	" Amy E. Hopson,	48	23	25	45.6	42.5	93.3	2	47				6		14.3
Woodland	" Ann S. Dunton,	55	31	24	50.5	48.6	96.1	14	48	18	16	12	7		14.1
Ledge	" Emma L. Cowles,	47	35	12	40.7	39.	96.0	5	39	7	8	12	4		13.10
Thomas	" Harriet G. Waite,	58	31	27	40.8	38.5	94.5	9	44	6	6	19	13		13.9
Edgeworth	" Ella E. Roper,	57	31	26	37.3	33.5	89.9	3	45	1	3	4	2		13.
Walnut	" Nellie C. Thomas,	58	32	26	40.8	38.9	95.4	13	48	11	10	14	10		14.2
Oxford	" Ella L. Dwyer,	50	21	29	46.9	41.8	86.8	6	40	6	5	7	4		13.6
Sycamore	" M. Ella Spalding,	47	23	24	40.6	37.8	93.2	9	36	4	6	6	5		14.3
New Worcester.	Charlotte H. Munger,	47	20	27	41.4	35.6	85.9	1	36	2	2	4	4		13.5
So. Worcester.	Carrie A. George,	39	24	15	28.1	26.2	93.3	3	30			7	5		13.10
Millbury	Francis P. McKeon,	30	21	9	28.3	25.7	90.8	4	31			5	5		14.2
Providence	" Etta A. Rounds,	48	34	14	29.6	27.8	94.1	4	32	11	8	9	5		14.1
		689	377	312	555.9	516.3	92.8	93	567	93	91	118	83	881	1.58 1433925.813.10

{  
Opened  
Sept. 3.{  
Opened  
Sept. 3.{  
Opened  
Sept. 3.

GRAMMAR SCHOOLS. GRADE VII.

[illegible]

GRAMMAR SCHOOLS. GRADE VI.

Belmont	St. Tirzah S. Nichols,	53	24	29	42.9	39.9	93.0	1	45	14	12	9	4				12.2
Belmont	" Owen H. Conlin,	58	30	28	39.9	36.4	91.1	3	40	1	2	4	3				11.3
Dix	" Minnie W. Sherman,	55	30	25	46.6	43.2	92.9	2	49	6	5	9	10				12.5
Wwslow	" Lucy Lewitson,	58	28	30	48.8	45.1	92.2	2	46	7	5	11	9				12.4
Woodland	" Carrie R. Clements,	60	34	26	50.8	46.	90.5	4	53	4	5	8	2				12.3
Wedge	" Kate A. McCarthy,	65	48	17	40.	36.9	92.3	43	19	13		12					12.9
Ledge	" Mary J. Packard,	67	39	28	47.1	42.7	90.9	2	47	5	7	16	9				11.7
Thomas	" Belle H. Tucker,	56	29	27	45.7	42.9	93.8	1	43	23	18	20	15				12.6
Thomas	" Anna P. Smith,	63	39	24	44.4	40.6	91.6	39	18	13	15	10					11.7
Edgeworth	" Anna T. Cavanough,	51	31	20	33.9	30.6	90.1	3	40	3	2	2	2				12.8
Walnut	" Ella M. McFarland,	52	22	30	40.8	37.3	91.4	7	41	15	7	6	9				12.7
Oxford	" Olive G. Davidson,	53	31	22	51.6	45.9	88.9	45	8	10	11	8					11.8
Oxford	" Nettie A. Murray,	51	30	21	45.4	42.7	94.2	1	49			10					11.8
Sycamore	" A. Teresa Timon,	60	30	30	43.9	43.7	89.4	3	50	17	16	16	15				12.1
New Worcester.	" S. Lizzie Carter,	52	28	24	40.4	37.4	92.5	1	42	3	5	5	4				11.11
Worcester.	" Kate E. Kenney,	55	27	28	37.8	35.5	93.0	1	44	5	6	4	5				12.1
Millbury	" Eliza J. Lawler,	41	32	9	37.	34.8	94.1	41				6					12.4
Providence	" Mary E. Convery,	53	40	13	40.2	36.9	91.9	1	44	5	9	5	1				12.7
Lamartine	" Ida A. Tew,	78	54	24	47.9	42.7	89.2	44	5	4	3	6					12.10
Adriatic.	" Sarah E. Rogers,	58	32	26	41.9	38.8	92.5	38	6	3	4	2					11.8
East Worcester.	" Ella W. Foskett,	55	31	24	44.2	41.2	93.1	4	39	19	14	13	8				12.7
Ash	" St. Mary J. Mack,	49	35	14	39.3	35.8	91.0	1	45	11	15	15	16				12.2
		1243	724	519	955.5	877.	91.8	33	967	194	171	176	166	2008	2.10	28718	30.



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.					Number of cases of tardiness.	Average to each scholar for the year.	Average age Jan. 1, 1884.
										First Term.	Second Term.	Third Term.	Fourth Term.				
Belmont	St. Jennie L. Dearborn,	56	26	30	46.7	43.3	92.5		49	7	6	6	6			11.7	
Belmont	" Esther G. Chenery,	50	25	25	45.5	44.3	97.3		47	9	14	19	16			11.3	
Dix	" Nellie F. Lindsay,	55	27	28	49.6	43.7	88.4	2	47	4	3	6	4			11.6	
Winslow	" Josephine A. Hunt,	59	34	25	44.8	41.5	92.5	1	48	11	5	9	9			10.6	
Woodland	" Martha T. Wyman,	58	31	27	49.3	45.4	92.1	1	52	1	4	4	3			11.1	
Woodland	" Eva E. Stone,	44	28	16	39.	38.	97.4		40							10.8	
Ledge	" Alice G. McMahon,	59	40	19	52.3	48.2	92.2		49	8	7	10	9			10.8	
Ledge	" Frances M. Athy,	56	37	19	51.4	46.4	90.1		48	16	21	20	12			11.	
Thomas	" Mary E. Fitzgerald,	55	29	26	44.2	38.5	87.0		42	18	13	15	8			11.7	
Edgeworth	" Jennie E. Maloney,	55	23	32	45.7	39.9	87.3		50	8	1	3	6			12.1	
Walnut	" Mary L. Norcross,	46	23	23	48.3	44.3	91.7		44	6	6	6	8			11.	
Oxford	" Mary F. Harrington,	43	24	19	34.6	31.2	90.7		43							10.9	
Oxford	" Mabel B. Tew,	54	22	32	47.6	42.9	90.1		44	24	6	13	1			11.1	
Sycamore	" Susie A. Partridge,	58	28	30	51.8	48.2	93.1	1	47	24	21	28	13			11.1	
New Worcester.	M. Ella Clark,	54	23	31	41.7	36.6	87.5		43	6	9	7	10			10.5	
So. Worcester.	Ellen M. Boyden,	41	22	19	38.8	36.6	94.1		37	4	7	4	4			10.8	
Millbury	Marion C. Tucker,	50	40	10	37.1	33.6	90.7		48							11.2	
Providence	" Ella J. Lyford,	55	39	16	41.7	38.	91.6		43	4	3	5	4			11.10	
Lamartine	" Louise A. Dawson,	58	42	16	49.1	43.6	88.7		45	3	1	2	2			11.3	
Lamartine	" Mary E. Kavanagh,	60	42	18	42.9	45.4	91.3		46	8	4	7	1			11.1	
Quinsigamond.	Helena M. Kalaher,	46	22	24	42.9	41.4	89.6		38	5	4	11	10			11.7	
Adriatic.	Lizzie E. Chapin,	58	25	33	45.7	39.4	86.1		46		1	1	5			11.6	
East Worcester.	Annie Brown,	63	43	20	44.1	39.4	89.2		47	4	4	8	2			11.7	
East Worcester.	Mary E. C. Carroll,	62	27	35	44.7	39.9	89.4		47	8	2	5	8			12.1	
Ash	" Mary S. Eaton,	62	38	24	48.2	43.8	90.8	1	51	4	1	1	1			11.6	
Grafton	" Bridget T. Carlon,	58	37	21	37.6	34.5	91.6	2	46	2	1	1	4			11.7	
Summer	" Abbie A. Wells,	33	13	20	28.1	26.3	93.8	1	29	8	8					11.6	
		1448	810	638	1200.	1094.3	91.1	9	1216	192	152	199	161	2926	2.43	37589	31.3



## SECONDARY SCHOOLS. GRADE IV.

Belmont	St. Carrie P. Townsend,	44	22	22	44.4	40.9	92.1	37	6	6	4	4	10.1				
Belmont	" Mattie A. Collins,	47	23	24	45.6	41.9	91.7	42	2	9	14	4	10.4				
Dix	" Susie W. Forbes,	52	29	28	54.5	48.7	89.4	47	3	5	5	2	10.10				
Winslow	" Ella E. Goddard,	57	29	28	50.1	46.7	93.3	52	18	11	19	4	10.7				
Winslow	" Emma S. Peirce,	57	29	28	56.2	50.1	90.4	47	13	5	4	4	9.10				
Woodland	" Sarah J. Melaney,	59	32	27	53.4	47.2	88.4	47	3	6	7	4	10.1				
Woodland	" M. Rosalie Goddard,	52	22	30	50.4	44.8	88.8	49	3	3	4	6	9.7				
Ledge	" Mary E. D. King,	51	38	13	53.8	47.7	88.7	48	6	7	5	12	9.7				
Thomas	" Lucia N. Jennison,	60	30	30	48.4	41.2	85.5	44	4	4	5	5	10.5				
Thomas	" Esther E. Travis,	59	32	27	47.7	42.6	89.4	43	8	10	12	5	11.1				
Edgeworth	" Sarah M. Brigham,	46	27	19	45.2	39.5	87.6	41			1	3	10.3				
Edgeworth	" Julia E. Geenenwood,	36	20	16	41.5	36.4	87.7	31	4	4	11		10.2				
Walnut	" Kate A. Coughlin,	57	28	29	44.7	39.5	88.4	44	3	4	9	5					
Oxford	" Emma J. Houghton,	52	27	25	45.9	40.5	88.1	46	6	5	5		9.9				
Sycamore	" Hattie S. Hagen,	57	26	34	45.9	42.7	92.4	48	4	9	15	11	9.11				
So. Worcester.	" Mary O. Whitney,	55	33	19	46.1	41.8	90.7	46	4	6	7		10.5				
Millbury	" Harriet E. Maynard,	44	34	10	33.5	31.5	94.1	40			1		10.2				
Providence	" Emma M. Plimpton,	62	40	27	51.2	46.7	91.2	47	8	4	5	6	10.2				
Lamartine	" Ellen T. Shannon,	74	47	27	51.2	46.4	90.4	48	5	3	10		10.2				
Quinsigamond.	" Edna Currier,	49	29	20	46.1	42.2	91.5	43		4	10	7	10.1				
Adriatic.	" Abby B. Shute,	60	28	32	48.2	42.8	88.8	49	4	3	1	4	10.6				
East Worcester.	" Julia A. Bunker,	54	25	29	46.6	41.5	89.0	43	10	6	9	5	10.7				
Ash	" Mabel Crane,	56	34	22	44.	38.9	88.6	54	4	2	5	5	9.10				
Grafton	" Evelyn E. Towne,	60	32	28	50.	45.	90.1	44	5	8	7	8	10.3				
Summer	" Mary A. Hayward,	41	24	17	33.3	29.3	88.1	2	30	4	7	3	10.10				
Salem	" Minnie F. Whittier,	51	28	23	41.3	39.9	96.8	46	8	9	11	8	10.6				
Union Hill.	" Etha M. Stowell,	57	27	30	46.7	41.1	87.9	45	1	3	8	6	8.11				
		1449	795	654	1265.9	1137.5	89.8	51201	186	143	196	139	3181	2.51	48504	38.3	10.2

SCHOOLS.	TEACHERS.	PRIMARY SCHOOLS. GRADE III.													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. Carrie A. Smith,	47	25	22	42.6	39.6	92.8	45	1	8	4	7	8.8	{ Opened Sept. 3.	
Belmont	" Mary A. Sanborn,	53	30	23	41.2	38.3	92.9	44	6	4	8	1	8.9		
Dix	" Alice W. Giddings,	51	27	24	50.1	44.9	89.7	1	45	4	6	6	9.7	{ Opened Sept. 3.	
Winslow	" Ida M. McCambridge,	52	26	26	50.6	46.1	92.7	48				5	8.5		
Woodland	" Maggie I. Melaney,	56	30	26	49.9	43.7	87.5		51	3	6	2	9.5	{ Opened Sept. 3.	
Woodland	" Carrie F. Meriam,	51	23	28	49.4	41.9	84.9	50		2	2	3	8.4		
Ledge	" Fanny A. Williams,	55	38	17	57.	52.	92.2	44	8	9	6	5	8.11	{ Opened Sept. 3.	
Thomas	" Ella A. Casey,	47	20	27	40.7	38.4	94.4	41				5	9.7		
Thomas	" Rosa I. Seavey,	49	27	22	53.0	47.6	89.8	47	7	9	13	9	9.5	{ Opened Sept. 3.	
Edgeworth	" Hattie G. Gates,	51	28	23	46.3	41.8	90.4	46	5	3	3	1	9.1		
Oxford	" Mary F. Barker,	56	26	30	50.	48.5	97.0	49	3	1	5	3	8.9	{ Opened Sept. 3.	
Sycamore	" Sarah W. Clements,	66	23	43	57.6	51.4	89.3	59	13	14	17	10	8.11		
New Worcester.	Jennie M. Tainter,	49	26	23	40.8	36.1	88.4	1	38	5	12	6	9.5	{ Opened Sept. 3.	
So. Worcester.	Lydia W. Ball,	47	24	23	44.6	41.5	93.1	1	41	9	4	8	9.1		
Millbury	St. Elida M. Capen,	41	23	18	31.6	29.6	93.6		37				9.3	{ Opened Sept. 3.	
Providence	" S. Cornelia Chamberlin,	51	36	15	41.7	38.8	93.2	42	11	9	10	8	9.4		
Lamarine	" Anna M. Murray,	63	36	27	46.2	41.3	89.5	41	6	4	6	2	9.6	{ Opened Sept. 3.	
Quinsigamond.	Olive M. Butler,	46	22	24	46.2	42.8	96.9	37	9	8	19	7	9.4		
Adriatic.	Mary A. McGillicuddy,	50	25	25	45.1	40.1	88.9		40	4	3	3	9.2	{ Opened Sept. 3.	
Adriatic.	Cora A. Baldwin,	54	28	26	49.3	44.3	89.8	45	4	3	6		9.4		
East Worcester.	Kate C. Cosgrove,	52	27	25	43.7	38.1	87.0		45	8	6	9	9.6	{ Opened Sept. 3.	
East Worcester.	Aloysia Radcliffe,	56	32	24	39.8	35.8	90.1	49	4	4	7	20	8.5		
Ash	St. Kate A. Fallon,	59	33	26	49.8	46.6	93.5	1	50	15	17	16	9.8	{ Opened Sept. 3.	
Grafton	" Kate A. McLoughlin,	57	27	30	45.9	42.6	92.7	37	7	9	7	3	9.2		
Summer	" Margaret J. McCann,	58	34	24	52.5	46.1	80.8	45	12	7	13	13	8.9	{ Opened Sept. 3.	
Summer	" Mary A. Gauren,	43	25	18	33.7	30.1	89.3	38	3	9	5	6	9.2		
Salem	" Mary O. Whitmore,	55	26	29	50.	44.9	89.8	44	2	2	2	4	9.7	{ Opened Sept. 3.	
		1415	747	668	1249.4	1132.9	90.7	4	1198	149	161	187	2.29		9.1

## PRIMARY SCHOOLS. GRADE II.

Belmont	St. Elizabeth N. Robinson,	63	35	28	49.7	43.1	86.5	49	3	5	7	4			7.10		
Belmont	" Anna M. Waite,	64	28	36	48.7	41.6	85.6	56	13	11	2	1			8.7		
Belmont	" Martha D. Adams,	56	27	29	43.6	36.2	83.2	44	2	4	8	1			7.9		
Dix	" Alice E. Johnson,	58	33	25	46.	40.2	87.4	49	5	5	3	4			8.		
Wwmslow	" Effie L. Bennett,	50	24	26	52.5	46.6	88.6	49			5	3			{ Opened { Sept. 22.		
Woodland	" Maggie A. Flaherty,	57	28	29	48.8	42.4	86.7	51	6	3	8	3			7.7		
Woodland	" Emma Buckley,	68	25	43	57.2	45.7	80.1	54			3	1			7.11		
Ledge	" Carrie E. Howe,	48	30	18	56.3	50.4	89.6	38	9	6	11	4			7.5		
Thomas	" Addie E. Sprague,	54	29	25	49.	43.	87.7	38	7	3	10	7			8.3		
Thomas	" Mary E. Barnard,	67	31	36	50.	43.	85.4	48	4	3	2	2			8.2		
Edgeworth	" Frances D. Martin,	56	26	30	51.9	47.4	92.1	56	3	1	7	8			7.6		
Walnut	" Mary E. McCormick,	52	22	30	42.1	36.2	85.9	43	3	5	1	4			8.		
Walnut	" M. Gertrude Griggs,	57	28	29	52.5	44.6	87.1	45	3	3	5	2			7.6		
Sycamore	" Ida A. E. Kenney,	59	29	30	54.7	48.4	88.3	56	4	8	9	3			8.		
New Worcester.	" Hattie S. Putnam,	44	23	21	37.8	33.4	88.3	40	8	10	4	4			8.7		
So. Worcester.	" Mary C. Paige,	52	25	27	48.	43.6	90.9	47	2	3	10				7.10		
Millbury	" Anna B. Ranger,	56	39	17	40.7	37.1	90.7	56			2	6			{ Opened { Sept. 3.		
Providence	" Mary A. Kane,	41	29	12	37.9	35.3	92.8	38	8	5	10	2			8.3		
Lamartine	" Abbie F. Hemenway,	44	32	12	41.6	38.5	92.3	41			3	3			{ Opened { Sept. 3.		
Lamartine	" Emma F. Brown,	59	37	22	50.4	44.1	87.5	41	3	1	4	2			8.3		
Quinsigamond.	" Mary A. Winter,	55	21	34	50.2	46.	93.8	53	2	1	2	5			7.11		
Adriatic.	" Mary M. Bowen,	56	26	30	50.4	44.1	87.6	49	2	4	6	3			8.3		
East Worcester.	" Mary M. Bowen,	47	27	20	47.5	41.8	88.0	38	6	5	8	2			8.5		
East Worcester.	" Mary E. Russell,	42	24	18	46.6	39.6	85.0	36	2	6	5	2			8.5		
Ash	" Sarah A. Boyd,	51	29	22	46.4	41.9	90.4	40	4	2	8	4			7.11		
Summer	" Alice Chapin,	29	12	17	31.6	28.7	90.8	26	3	9	5	1			7.8		
Salem	" Addie M. Blenus,	59	33	26	46.2	41.1	88.8	46	5	5	11	4			8.5		
Union Hill.	" Anna D. Stowell,	63	40	23	66.8	58.1	86.6	56			2	8			7.		
Mason	" Mary E. Pease,	57	25	32	58.3	52.8	90.5	47	2	5	6	6			8.3		
	St.	1564	817	747	1408.4	1235.9	88.0	1330	94	114	161	105	3674	2.61	59782	42.5	7.11

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.				
										First term.	Second term.	Third term.	Fourth term.	
Belmont	St. Lilla F. Upton,	56	36	20	52.2	45.6	87.3	48	4	2	4	1	1	7.2
Belmont	" Hattie B. Andrews,	63	30	33	55.	45.6	82.8	52	2	5	3	3	3	6.5
Dix	" Harriet Lighbourn,	71	35	36	54.7	43.9	80.3	54	1	2	3	7	7	6.8
Winslow	" A. Calista Hale,	54	21	33	48.9	44.1	90.1	54			3	1	1	6.3
Woodland	" Mary E. Proctor,	69	32	37	55.6	40.9	73.5	50				2	2	6.6
Woodland	" Mary E. Horgan,	48	26	22	43.6	35.1	80.4	46				5	6	6.4
Ledge	" Mary B. Dudley,	55	33	22	52.2	45.7	87.9	44	2	7	5	6	6	7.4
Ledge	" Hannah M. Kichham,	52	37	15	51.3	42.7	83.2	41			1	1	3	6.7
Thomas	" Jennie C. Clough,	62	31	31	48.8	40.	81.9	48	2	3	5	1	1	6.6
Edgeworth	" Anna H. Newton,	49	25	24	40.	32.1	80.2	48	3	3	3	1	1	6.5
Edgeworth	" Selma P. Ahlstrom,	53	30	23	45.6	40.4	88.5	51		1	4	5	5	7.5
Walnut	" Alp. T. L'Esperance,	53	28	25	44.2	37.4	83.7	49	1	3	9	5	5	6.4
Oxford	" Catherine T. Nevins,	73	41	32	58.4	47.6	81.5	61	4	2	4	2	4	6.3
Sycamore	" Eliza J. Day,	61	38	23	60.2	56.2	93.6	51	5	7	8	9	9	5.9
New Worcester.	Rebecca H. Davie,	48	31	17	46.8	37.1	79.3	44	3	3	5	2	2	6.4
So. Worcester.	Maggie A. Mahony,	56	21	35	52.3	45.9	87.8	50	2	3	3	5	2	7.1
So. Worcester.	Jennie M. Sprout,	41	22	19	35.5	29.2	82.1	35		3	3	1		Op'd Feb. 26.
Millbury	St. Mabel Piper,	64	41	23	43.6	37.7	86.7	62			3			Op'd Sept. 3.
Providence	" Mary C. Smith,	62	49	13	50.1	44.9	89.7	56	4	4	11	2	2	6.10
Lamartine	" Ida F. Boyden,	58	47	11	53.2	46.1	88.6	47	3		1	1	4	7.2
Lamartine	" Mary B. Wheatley,	69	41	28	58.	46.2	79.1	48			2	4		6.3
Quinsigamond.	Alice V. Phelps,	66	33	33	50.4	45.9	91.1	59	3	3	5	4	4	6.7
Adriatic.	Etta T. Whalen,	54	26	28	57.2	46.8	81.9	51		3	1	3	3	7.8
Adriatic.	Etta M. Thayer,	64	30	34	41.7	33.7	80.1	55	14	2	2	2	2	6.10
East Worcester.	Maggie E. Magone,	57	33	24	55.4	46.	83.0	47	4	2	1	3	3	6.7

{ Opened  
Sept. 3.  
{ Opened  
Sept. 3.

Op'd Feb. 26.  
Op'd Sept. 3.

{ Opened  
April 16.



## PRIMARY SCHOOLS. GRADE I.—CONTINUED.

East. Worcester.	Anna T. Kelley,	57	23	34	53.4	44.7	83.8	47	4	2	2	2	2	6.6	
Ash	St. Martha H. Tucker,	79	44	35	64.6	54.3	84.1	62	2	2	10	1	6.7		
Grafton	" Carrie M. Adams,	61	37	24	50.8	46.4	91.3	46	2	7	3	6	7.8		
Grafton	" Ella J. Emerson,	70	36	34	56.2	47.8	85.1	57	3	5	4	2	6.6		
Summer	" Arabell E. Burgess,	44	18	26	34.3	28.3	82.6	38	7	9	4	2	7.3		
Salem	" Nellie J. Carlon,	68	27	41	58.2	48.4	83.1	50	1	3	5	6.8			
Mason	" Agnes R. Stewart,	57	28	29	58.9	51.2	86.8	52	2	7	1	6.6			
		1894	1030	864	1631.7	1377.9	84.4	1603	55	96	116	80	4901	53.1	6.8

## SUBURBAN SCHOOLS.

Northville.	Mary F. Lewis,	37	19	18	27.7	22.4	80.1	1	31	2	3	3	3	9.9				
Tatnuck.	Elma L. Studley,	49	28	21	34.7	32.1	92.7	6	40	3	8	1	2	10.7				
Trowbridgeville.	Ada D. Saunders,	24	14	10	17.5	15.1	86.2	20	1					8.10				
Blithewood.	Edward A. Quinland,	23	14	9	15.4	13.7	89.6	4	18	1	4	3		9.4				
Bloomingtondale.	Lizzie M. Urban,	65	35	30	52.2	47.1	94.8	54	1	5	11	2		9.3				
Adams Square.	Anna DeW. Pearce,	27	14	13	22.7	19.7	87.2	2	21	4	1			10.3				
Burncoat Plain.	Hattie L. White,	43	22	21	30.6	26.3	86.3	1	39	5	4	4		10.4				
North Pond,	Peter A. Conlin,	42	19	23	32.4	28.3	87.5	2	36	2	1	1	1	10.2				
Chamberlain.	Fanny R. Spurr,	13	8	5	9.5	8.7	92.1	1	12	1	4	1	2	10.				
Lake View.	Emma G. Goodwin,	56	28	28	43.3	37.8	87.4	48	1	5	6	6		9.7				
Valley Falls.	Eliza J. Seaver,	31	17	14	26.5	22.3	84.2	21	1	2	1	2	1	11.4				
Valley Falls.	Georgianna M. Newton	40	20	20	26.2	22.7	86.6	28			2	2		7.10				
		450	238	212	338.7	296.2	87.6	17	368	22	39	28	21	1730	5.11	16247	47.9	9.9



## 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.
	First Term.	Second Term.	Third Term.	Fourth Term.								
High School,	197	234	225	284	539	557	447.6	461.1	370	302	672	
Grammar, Grade IX	52	62	65	70	357	218	342.6	363.2	261	212	473	
“ “ VIII	93	91	118	83	367	332	516.3	555.9	312	261	573	
“ “ VII	102	86	94	109	398	46	623.4	673.4	368	439	807	
“ “ VI	194	171	176	166	607	877	955.5	1043.0	519	429	948	
“ “ V	192	152	199	161	504	1200	1094.3	1205.9	638	810	1448	
“ “ IV	135	143	196	139	513	1265.9	1137.5	1249.4	654	795	1449	
“ “ III	149	161	187	169	566	1249.4	1332.9	1415.7	747	668	1415	
“ “ II	94	114	161	105	374	1403.4	1235.9	1403.4	817	747	1564	
“ “ I	55	96	116	80	347	1631.7	1377.9	1631.7	864	1030	1894	
Suburban,	22	39	28	21	368	338.7	296.2	338.7	212	238	450	
Aggregate for Day Schools,							9081.6	10098.2	5613	6491	12104	
Evening Schools,						982	347.7	347.7	42	445	487	
Drawing Schools,						255	158.2	215.8	51	204	255	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706	12846	
						1286	1565	1387	24258	2.40	361997	
						10556	1564	89.9	10661.7	5706</		

## TABLE

*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.	388	93	12	24	8	10		4
GRAMMAR, GRADE IX.									
Belmont	St. Arthur G. Lewis,	42	8	1					
Dix	William H. Bartlett,	31	10	1	1	1	2		
Winslow	J. Chauncey Lyford,	45	6		2	1	1		
Woodland	Joseph Jackson,	50	3	1	1	2	2	1	
Washington	Charles T. Haynes,	46	39		2	6	1		2
Ledge	Charles C. Woodman,	22	25		1				1
		236	91	3	7	10	6	1	3
GRAMMAR, GRADE VIII.									
Belmont	St. Mary H. Warren,	36	10	1	1	1	1		1
Dix	Effie F. Kinne,	30	6	2	1				1
Winslow	Amy E. Hopson,	35	4	3	3	2			
Woodland	Ann S. Dunton,	40	7		1				
Ledge	Emma L. Cowles,	6	29		3		1		
Thomas	Harriet G. Waite,	19	18	3	1	1			2
Edgeworth	Ella E. Roper,	3	39					3	
Walnut	Nellie C. Thomas,	46			2				
Oxford	Ella L. Dwyer,	34	5				1		
Sycamore	M. Ella Spalding,	24	7	1	2				2
New Worcester.	Charlotte H. Munger,	17	7	7	5				
So. Worcester.	Carrie A. George,	6	22		2				
Millbury	St. Francis P. McKeon,	4	23		3	1			
Providence	Etta A. Rounds,	10	18	3		1			
		310	195	20	24	6	3	3	6
GRAMMAR, GRADE VII.									
Belmont	St. Sarah L. Phillips,	32	11	3	1	1	1		1
Dix	Mattie Howe,	37	5	1			1		
Winslow	Sarah Brigham,	39	6		3	1	1		2
Woodland	Mary M. Lawton,	43	3	2	2	1	1	1	
Woodland	Jennie L. Higgins,	41	3	4	3			1	
Ledge	Maria P. Cole,	20	29		2				2
Thomas	Abbie C. Souther,	17	23	3	1				
Walnut	Kate A. Meade,	32	5	3	2				1
Oxford	Mary A. Hathaway,	32	7		2				2
Sycamore	Janet Martin,	31	12			1	3		2
So. Worcester.	John E. Lynch,	8	13		3				
Millbury	St. Mary A. Rourke,	3	17		1	2			1
Providence	Sarah J. Newton,	15	26				1		1
Lamartine	Arthur Hay,	3	18	2	1	2	1		1
Quinsigamond.	Richard H. Mooney,	13	12	1	2			9	
Adriatic.	Emma A. Porter,	3	24			2			
		369	214	19	23	10	9	11	13

SCHOOLS.	TEACHERS.	U. S.	Ireland.	Canada.	England.	Germany.	Scotland.	Sweden.	Other countries.
GRAMMAR, GRADE VI.									
Belmont	St. Tirzah S. Nichols,	39	4	1		1			
Belmont	" Owen H. Conlin,	29	9		1				1
Dix	" Minnie W. Sherman,	31	9	5	4				
Winslow	" Lucy Lewisson,	33	7	4	2				
Woodland	" Carrie R. Clements,	50		1	2				
Ledge	" Kate A. McCarthy,	11	26	3	1		1	1	
Ledge	" Mary J. Packard,	15	27		1			3	1
Thomas	" Belle H. Tucker,	12	22	2		5	1	1	1
Thomas	" Anna P. Smith,	9	22	3		1	2	2	2
Edgeworth	" Anna T. Cavanaugh,	1	36				1		
Walnut	" Ella M. McFarland,	37		2	1	1			
Oxford	" Olive G. Davidson,	37	6			1	1		
Oxford	" Nettie A. Murray,	32	9	3	3				2
Sycamore	" A. Teresa Timon,	30	14	2	1	2	1		
New Worcester.	S. Lizzie Carter,	24	7	4	4		2	1	
So. Worcester.	Kate E. Kenney,	7	25		12				
Millbury	St. Eliza J. Lawler,	6	30	2	1			2	
Providence	" Mary E. Convery,	14	19	6	2				3
Lamartine	" Ida A. Tew,	8	24	4	3	5			
Adriatic	Sarah E. Rogers,	5	25	5	1	1			1
East Worcester.	Ella W. Foskett,		37	1					1
Ash	St. Mary J. Mack,	12	29	2	1	1			
		442	387	50	40	18	9	9	12
SECONDARY, GRADE V.									
Belmont	St. Jennie L. Dearborn,	32	4	4	1	1		5	2
Belmont	" Esther G. Chenery,	35	8		1			1	2
Dix	" Nellie F. Lindsay,	27	10	1	1	1		1	6
Winslow	" Josephine A. Hunt,	33	6	2	2	3		1	1
Woodland	" Martha T. Wyman,	42	5	1	1			1	2
Woodland	" Eva E. Stone,	33	4	1				1	1
Ledge	" Alice G. McMahon,	9	34	1	3			2	
Ledge	" Frances M. Athy,	14	29	3			1		1
Thomas	" Mary E. Fitzgerald,	16	15	5	1	4		1	
Edgeworth	" Jennie E. Maloney,	5	34		2	1		8	
Walnut	" Mary L. Norcross,	38	1	3	1	1			
Oxford	" Mary F. Harrington,	29	9	2	1		1		1
Oxford	" Mabel B. Tew,	36	2	1	2		2		1
Sycamore	" Susie A. Partridge,	24	11	2	4	2			4
New Worcester.	M. Ella Clark,	17	10	13	1		2		
So. Worcester.	Ellen M. Boyden,	4	27		6				
Millbury	St. Marion C. Tucker,	2	42		1	2		1	
Providence	" Ella J. Lyford,	17	17	5		1	1		2
Lamartine	" Louise A. Dawson,	6	26	6	2	4			1
Lamartine	" Mary E. Kavanagh,	8	25	5	3	5			
Quinsigamond.	Helena M. Kalaher,	8	9		6			15	
Adriatic.	Lizzie E. Chapin,	5	28	8	3	1	1		
East Worcester.	Annie Brown,	2	42	1					2
East Worcester.	Mary E. C. Carroll,	1	43	3					
Ash	St. Mary S. Eaton,	15	31	3	1		1		
Grafton	" Bridget T. Carlon,	17	19	5	3				2
Summer	" Abbie A. Wells,	4	22	1	2				
		479	513	76	48	26	9	37	28

SCHOOLS.	TEACHERS.	U. S.	Ireland.	Canada.	England.	Germany.	Scotland.	Sweden.	Other Countries
SECONDARY, GRADE IV.									
Belmont	St. Carrie P. Townsend,	21	6	2	6			2	
Belmont	" Mattie A. Collins,	30	7	1	1	2		1	
Dix	" Susie W. Forbes,	37	2		1	4		1	2
Winslow	" Ella E. Goddard,	41	5	3	2				1
Winslow	" Emma S. Peirce,	42	2	2				1	
Woodland	" Sarah J. Melanefy,	36	3	2	3		1	1	1
Woodland	" M. Rosalie Goddard,	39	5	3	1		1		
Ledge	" Mary E. D. King,	5	34	2		1		4	2
Thomas	" Lucia N. Jennison,	20	18	2	1	3			
Thomas	" Esther E. Travis,	20	13	5	1				4
Edgeworth	" Sarah M. Brigham,	2	29	1	1	1		7	1
Edgeworth	" Julia E. Greenwood,		27	2	1			1	
Walnut	" Kate A. Coughlin,	33	2	3		5			1
Oxford	" Emma J. Houghton,	37	5	1	2	1			
Sycamore	" Hattie S. Hagen,	34	9	1	1	2			1
So. Worcester.	Mary O. Whitney,	10	26		6	2		1	1
Millbury	St. Harriet E. Maynard,	5	19	1	1	2	1	11	
Providence	" Emma M. Plimpton,	17	26	2	1				1
Lamartine	" Ellen T. Shannon,	3	33	2	2	6		1	1
Quinsigamond.	Edna Currier,	6	15		5				17
Adriatic.	Abby B. Shute,	44	2	1	2				
East Worcester.	Julia A. Bunker,	2	38	1		1		1	
Ash	St. Mabel Crane,	12	34	2	1	3	1		1
Grafton	" Evelyn E. Towne,	22	19	1	2				
Summer	" Mary A. Hayward,	4	21	2	3				
Salem	" Minnie F. Whittier,	19	17	6	3		1		
Union Hill.	Etha M. Stowell,	22	16	2	2	1	1		1
		563	433	49	49	34	6	49	18
PRIMARY, GRADE III.									
Belmont	St. Carrie A. Smith,	35	4	2	2	1		1	
Belmont	" Mary A. Sanborn,	26	6	5	3	1		2	1
Dix	" Alice W. Giddings,	32	6	2	4				1
Winslow	" Ida M. McCambridge,	40	4		1	1		1	1
Woodland	" Maggie I. Melanefy,	32	7	1	3	2	2	3	1
Woodland	" Carrie F. Meriam,	44	3	1			1		1
Ledge	" Fanny A. Williams,	7	29		5		2		1
Thomas	" Ella A. Casey,	15	14	3			4		2
Thomas	" Rosa I. Seavey,	11	24	3	3	2		3	1
Edgeworth	" Hattie G. Gates,	4	32	3			1	6	
Oxford	" Mary F. Barker,	38	5		2		1		3
Sycamore	" Sarah W. Clements,	37	15		3		1		3
New Worcester.	Jennie M. Tainter,	23	4	4	6				1
So. Worcester.	Lydia W. Ball,	21	12		6			1	1
Millbury	St. Elida M. Capen,	1	24		3		1	8	
Providence	" S. Cornelia Chamberlin,	13	22	3	2		1		1
Lamartine	" Anna M. Murray,	6	20	8	3	4			
Quinsigamond.	Olive M. Butler,	4	3		2			28	
Adriatic.	Mary A. McGillicuddy,	3	24	7	3	2		1	
Adriatic.	Cora A. Baldwin,	5	25	10	4				1
East Worcester.	Kate C. Cosgrove,	2	38	2				1	2
East Worcester.	Aloysia Radcliffe,	1	46	2					
Ash	St. Kate A. Fallon,	15	25		2	5			3
Grafton	" Kate A. McLoughlin,	8	15	14					
Grafton	" Margaret J. McCann,	9	13	16	1				6
Summer	" Mary A. Gauren,	10	21	2	1			2	2
Salem	" Mary O. Whitmore,	25	12	3	2		1		1
		467	453	91	61	18	15	59	34



SCHOOLS.	TEACHERS.	U. S.	Ireland.	Canada.	England.	Germany.	Scotland.	Sweden.	Other countries
PRIMARY, GRADE II.									
Belmont	St. Elizabeth N. Robinson,	26	9	7	2	2		1	2
Belmont	" Anna M. Waite,	34	11	4	1		1	3	2
Dix	" Martha D. Adams,	33	2	3	5			1	
Dix	" Alice E. Johnson,	32	8	2	3	1		2	1
Winslow	" Effie L. Bennett,	33	5	3	3	1	1		3
Woodland	" Maggie A. Flaherty,	36	10	1	2	1		1	1
Woodland	" Emma Buckley,	43	5	1	2	1	1	1	1
Ledge	" Carrie E. Howe,	4	26	2		1	1	1	3
Thomas	" Addie E. Sprague,	10	19	4	1	1		2	1
Thomas	" Mary E. Barnard,	24	16	1	1	2	2		2
Edgeworth	" Fransess D. Martin,		36	2	1			16	1
Walnut	" Mary E. McCormick,	35	3		3	2			
Oxford	" M. Gertrude Griggs,	39	2	1	1		1		1
Sycamore	" Ida A. E. Kenney,	30	17		2	3	1	2	1
New Worcester.	Hattie S. Putnam,	18	7	12	3				
So. Worcester.	Mary C. Paige,	6	28		10	2		1	
Millbury	St. Anna B. Ranger,	3	40		3	1	1	8	
Providence	" Mary A. Kane,	8	24	2	1	1			2
Lamartine	" Abbie F. Hemenway,	12	19	7		2		1	
Lamartine	" Emma F. Brown,	6	21	9		5			
Quinsigamond.	Mary A. Winter,	9	11	2	1			30	
Adriatic.	Mary M. Bowen,	3	20	16	8			1	1
East Worcester.	Mary E. Russell,	2	30	4					2
East Worcester.	Mary J. O'Connor,	7	27		1				1
Ash	St. Sarah A. Boyd,	6	33		1				
Summer	" Alice Chapin,	5	15	3	1	1		1	
Salem	" Addie M. Blenus,	23	9	9	3	1			1
Union Hill.	Anna D. Stowell,	30	15	3	4			2	2
Mason	St. Mary E. Pease,	34	3	3	1	1		3	2
		551	471	101	64	29	9	75	30
PRIMARY, GRADE I.									
Belmont	St. Lilla F. Upton,	31	5	5	2	3			2
Belmont	" Hattie B. Andrews,	32	4	6	2	3	1	3	1
Dix	" Harriet Lightbourn,	37	7	4		1		3	2
Winslow	" A. Calista Hale,	36	5	5	3		3		2
Woodland	" Mary E. Proctor,	34	7		3	1	2	3	
Woodland	" Mary E. Horgan,	39	1	3	2			1	
Ledge	" Mary B. Dudley,	9	28		4	1		1	1
Ledge	" Hannah M. Kickham,	9	25		1			2	4
Thomas	" Jennie C. Clough,	15	25	3		2	1		2
Edgeworth	" Anna H. Newton,	1	47						
Edgeworth	" Selma P. Ahlstrom,		23	1	1	3		19	4
Walnut	" Alp. T. L'Esperance,	33	8	2	2	3	1		
Oxford	" Catherine T. Nevins,	51	3	2	3		1	1	
Sycamore	" Eliza J. Day,	37	12			1		1	
New Worcester.	Rebecca H. Davie,	20	10	10	2	2			
So. Worcester.	Maggie A. Mahony,	7	24	1	14	3	1		
So. Worcester.	Jennie M. Sprout,	10	20	1	2		1	1	
Millbury	St. Mabel Piper,	6	38		4			14	
Providence	" Mary C. Smith,	14	36	3	1	1	1		
Lamartine	" Ida F. Boyden,	1	25	17	3			1	



SCHOOLS.	TEACHERS.	U. S.	Ireland.	Canada.	England.	Germany.	Scotland.	Sweden.	Other countries
Lamartine St.	Mary B. Wheatley,	8	21	10	3	2	4		
Quinsigamond.	Alice V. Phelps,	13	23	1	2			20	
Adriatic.	Etta T. Whalen,	11	15	15	5	5			
Adriatic.	Etta M. Thayer,	10	15	16	8	2		3	1
East Worcester.	Maggie E. Magone,	4	34	4	1				4
East Worcester.	Anna T. Kelley,	10	34	2					1
Ash St.	Marina H. Tucker,	8	48	1	2	1	1		1
Grafton	“ Carrie M. Adams,	17	11	12	1				5
Grafton	“ Ella J. Emerson,	19	17	18	3				
Summer	“ Arabell E. Burgess,	8	18	4				7	1
Salem	“ Nellie J. Carlon,	17	21	3	6	1			2
Mason	“ Agnes R. Stewart,	42	2	3	3			1	1
		589	612	152	83	35	17	81	34
SUBURBAN SCHOOLS.									
Northville,	Mary F. Lewis,	23	2		3		1		2
Tatnuck,	Elma L. Studley,	40							
Trowbridgeville,	Ada D. Saunders,	13		4					3
Blithewood,	Edward A. Quinland,	8		1	7			2	
Bloomingtondale.	Lizzie M. Urban,	39	4	7	3			1	
Adams Square,	Anna DeW. Pearce,	16	4	1					
Burncoat Plain,	Hattie L. White.	25	10		4				
North Pond.	Peter A. Conlin,	35				1			
Chamberlain,	Fanny R. Spurr,	12							
Lake View,	Emma G. Goodwin,	39	3	1				4	1
Valley Falls,	Eliza J. Seaver,	6	9		5				1
Valley Falls,	Georgianna M. Newton,	14	7	3	4				
		270	39	17	26	1	1	7	7
AGGREGATE.									
High School		388	93	12	24	8	10		4
Grammar, Grade IX		236	91	3	7	10	6	1	3
“ VIII		310	195	20	24	6	3	3	6
“ VII		369	214	19	23	10	9	11	13
“ VI		442	387	50	40	18	9	9	12
Secondary “ V		479	513	76	48	26	9	37	28
“ IV		563	433	49	49	34	6	49	18
Primary “ III		467	453	91	61	18	15	59	34
“ II		551	471	101	64	29	9	75	30
“ I		589	612	152	83	35	17	81	34
Suburban		270	39	17	26	1	1	7	7
		4664	3501	590	449	195	94	332	189

Of those born in other countries there were born in Norway 35, France 18, Austria 1, Denmark 4, Italy 33, Russia 9, Switzerland 6, Belgium 2, Armenia 2, Wales 5, Azores 2, Spain 1, Poland 7, Australia 1, West Indies 5, Newfoundland 3, Nova Scotia 38, New Brunswick 8, Prince Edward Isle 9.

The birthplaces of the children in the Public Schools, December 1st, are as follows :

United States 9,175, Ireland 178, Canada 141, England 146, Germany 26, Scotland 17, Sweden 256, Norway 16, Azores 2, West Indies 4, Ceylon 2, Sandwich Islands 1, Denmark 3, Belgium 1, Wales 1, France 3, Russia 4, Armenia 1, Italy 9, Prince Edward Isle 2, Newfoundland 1, Nova Scotia 17, New Brunswick 1, Poland 6, Austria 1, Turkey 1.

The parentage of the children in the Public Schools, December 1st, for the last seventeen years is as follows :

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883
United States . . . . .	2448	2617	2742	2704	2862	3028	3017	3075	3232	3241	3340	3582	3749	3974	4163	4384	4664
Canada . . . . .	224	288	277	387	425	423	431	420	412	415	468	539	608	830	532	717	590
Ireland . . . . .	2509	2547	2800	2888	2763	2920	2702	2744	2802	2858	2880	3055	3099	3293	3385	3396	3501
England . . . . .	174	209	205	257	250	290	252	259	296	287	312	316	224	354	388	443	449
Germany . . . . .	83	86	97	123	125	140	138	115	138	155	146	160	134	153	166	178	195
Scotland . . . . .	40	46	45	56	68	70	72	60	62	68	67	72	59	73	77	69	94
Sweden . . . . .	.....	.....	.....	.....	.....	.....	10	10	20	36	37	49	75	126	184	289	332
Other Countries . . . . .	16	29	34	39	43	80	66	70	91	83	98	100	111	138	161	145	189
Total . . . . .	5494	5822	6200	6454	6536	6951	6688	6753	7053	7015	7349	7873	8159	8941	9056	9622	10014
United States . . . . .	2448	2617	2742	2704	2862	3028	3017	3075	3232	3241	3341	3582	3749	3974	4163	4384	4664
Foreign Countries . . . . .	3046	3205	3458	3750	3674	3923	3671	3678	3821	3774	4007	4291	4410	4967	4893	5238	5350

### ABSENCE AND TARDINESS.

YEARS.	Average number belonging.	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
1883	10098	361,997	35.8	24,258	2.4

# ORGANIZATION OF THE SCHOOL COMMITTEE

## OF THE

# CITY OF WORCESTER,

JANUARY, 1884.

CHARLES G. REED, *President.*

ALBERT P. MARBLE, *Sup't and Sec'y.*

464 MAIN STREET.

Members whose term expires January, 1887.	Members whose term expires January, 1886.	Members whose term expires January, 1885.
JOHN N. EMERSON.	GEO. F. THOMPSON.	AUSTIN P. CRISTY,
FORREST E. BARKER,	EDWIN H. HILL,	CHARLES M. LAMSON,
DENIS SCANNELL,	JOHN J. CASEY,	EUGENE M. MORIARTY,
M. J. P. McCAFFERTY,	JOHN J. MCCOY,	JOHN B. COSGROVE,
THOMAS J. CONATY,	RICHARD O'FLYNN,	GEORGE C. REIDY,
WILLIE C. YOUNG,	HENRY S. KNIGHT,	ALZIRUS BROWN,
KATE C. TAFT,	EMERSON WARNER,	HENRY L. PARKER,
JOSEPH F. LOVERING.	EDWARD B. GLASGOW.	GEORGE SWAN.

ON SCHOOL-HOUSES.—Messrs. Brown, Cosgrove, Reidy, Hill and McCafferty.

ON BOOKS AND APPARATUS.—Messrs. Scannell, Parker, O'Flynn, Knight and Young.

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 Emerson.

ON FINANCE.—The Mayor *ex-officio*, Messrs. Warner, Moriarty, Cristy, Thompson and Lovering.

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 . . . . .	900
Swan,	{ Charles S. Chapin . . . . .	1,050
	{ Mary P. Jefts . . . . .	1,000
Glasgow,	{ Jennie I. Ware . . . . .	850
	{ Rachel L. Moore . . . . .	850
Mrs. Taft,	{ Mary L. Bridgman . . . . .	850
	{ Alice Goddard . . . . .	800
McCoy,	{ Nellie M. White . . . . .	700
	{ Annie L. Fifield . . . . .	700
Parker,	{ Florence Snow . . . . .	600
	{ Mary E. Whipple . . . . .	600

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	600
"	Tirzah S. Nichols . . . . .	VI	550
"	Owen H. Conlin . . . . .	VI	550
O'Flynn,	Jennie L. Dearborn . . . . .	V	550
"	Esther G. Chenery . . . . .	V	550
"	Carrie P. Townsend . . . . .	IV	500
"	Mattie A. Collins . . . . .	IV	500
"	Carrie A. Smith . . . . .	III	500
Hill,	Madge O. Whitney . . . . .	III	450
"	Elizabeth N. Robinson . . . . .	II	500
"	Anna M. Waite . . . . .	II	500
"	Lilla F. Upton . . . . .	I	500
"	Hattie B. Andrews . . . . .	I	500
DIX STREET.			
Brown,	William H. Bartlett, Principal . . . . .	IX	2,000
"	Clara Manly, Asst. . . . .		600
"	Effie F. Kinne . . . . .	VIII	600
"	Mattie Howe . . . . .	VII	550
"	Minnie W. Sherman . . . . .	VI	550
Moriarty,	Nellie F. Lindsay . . . . .	V	500

<i>Committee.</i>	<i>Teachers.</i>	<i>Grade.</i>	<i>Salary.</i>
Moriarty,	Susie W. Forbes . . . . .	IV	\$500
"	(Esther B. Smith) . . . . .	III	
	Alice W. Giddings . . . . .		500
Emerson,	Martha D. Adams . . . . .	II	500
"	Alice E. Johnson . . . . .	II-I	500
"	Harriet Lighbourn . . . . .	I	500
WINSLOW STREET.			
Hill,	J. Chauncey Lyford, Principal . . . . .	IX	1,600
"	Ella K. Morgan, Asst. . . . .		600
"	Amy E. Hopson . . . . .	VIII	600
"	Sarah Brigham . . . . .	VII	550
Lovering,	Lucy Lewisson . . . . .	VI	500
"	Josephine A. Hunt . . . . .	V	550
"	Ella E. Goddard . . . . .	IV	500
"	Emma S. Peirce . . . . .	IV-III	500
Cristy,	Ida M. McCambridge . . . . .	III	500
"	Effie L. Bennett . . . . .	II-I	500
"	A. Calista Hale . . . . .	I	500
WOODLAND STREET.			
Mrs. Taft,	(Edward I. Comins), Principal . . . . .	IX	
"	Joseph Jackson . . . . .		1,600
"	Alice E. Meriam, Asst. . . . .		550
"	Ann S. Dunton . . . . .	VIII	550
"	Mary M. Lawton . . . . .	VII	600
"	Jennie L. Higgins . . . . .	VII-VI	550
"	Carrie R. Clements . . . . .	VI	550
Conaty,	Martha T. Wyman . . . . .	V	550
"	Eva E. Stone . . . . .	V	500
"	Sarah J. Melanefy . . . . .	IV	550
"	M. Rosalie Goddard . . . . .	IV	500
"	Maggie I. Melanefy . . . . .	III	500
Brown,	Carrie F. Meriam . . . . .	III	500
"	Maggie A. Flaherty . . . . .	II	500
"	Emma Buckley . . . . .	II-I	500
"	Mary E. Proctor . . . . .	I	500
"	Mary E. Horgan . . . . .	I	500
WASHINGTON STREET.			
Reidy,	Charles T. Haynes, Principal . . . . .		1,500
"	Ida L. Gaskill, Asst. . . . .	IX	600
"	M. Louise Rice, Asst. . . . .	IX	550
LEDGE STREET.			
McCoy,	Charles C. Woodman, Principal . . . . .	IX	2,000
"	Margaret M. Geary, Asst. . . . .		600
"	Emma L. Cowles . . . . .	VIII	600
"	Maria P. Cole . . . . .	VII	550
"	Kate A. McCarthy . . . . .	VI	600
Barker,	Mary J. Packard . . . . .	VI	550



<i>Committee.</i>	<i>Teachers.</i>	<i>Grade.</i>	<i>Salary.</i>
Barker,	Alice G. McMahon . . . . .	V	\$550
"	Frances M. Athy . . . . .	V-IV	550
"	Mary E. D. King . . . . .	IV	500
Moriarty,	Fanny A. Williams . . . . .	III	500
"	Carrie E. Howe . . . . .	II	500
"	Mary B. Dudley . . . . .	I	500
"	Hannah M. Kickham . . . . .	I	500
THOMAS STREET.			
Moriarty,	Harriet G. Waite, Principal . . . . .	VIII-VII	1,140
"	Mary E. Houghton, Asst. . . . .		550
"	Abbie C. Souther . . . . .	VII	550
"	Belle H. Tucker . . . . .	VI	550
"	Anna P. Smith . . . . .	VI-V	550
Lamson,	Mary E. Fitzgerald . . . . .	V	550
"	Lucia N. Jennison . . . . .	IV	500
"	(Eudora A. Dearborn) . . . . .	IV	
"	<i>Esther E. Travis</i> . . . . .		500
"	Ella A. Casey . . . . .	III	550
Knight,	Rosa I. Seavey . . . . .	III	500
"	Addie E. Sprague . . . . .	II	500
"	Mary E. Barnard . . . . .	II-I	500
"	Jennie C. Clough . . . . .	I	500
EDGEWORTH STREET.			
Knight,	Ella E. Roper, Principal . . . . .	VIII-VII	700
"	Anna T. Cavanaugh . . . . .	VI	500
"	Jennie E. Maloney . . . . .	V	500
"	Sarah M. Brigham . . . . .	IV	500
"	Julia E. Greenwood . . . . .	IV	500
McCafferty,	Hattie G. Gates . . . . .	III	500
"	Fransess D. Martin . . . . .	II	500
"	Anna H. Newton . . . . .	I	500
"	(Selma P. Ahlstrom) . . . . .	I	
"	<i>Mary C. Morrissey</i> . . . . .		500
WALNUT STREET.			
Warner,	Nellie C. Thomas, Principal . . . . .	VIII	700
"	Kate A. Meade . . . . .	VII	550
"	Ella M. McFarland . . . . .	VI	550
Parker,	Mary L. Norcross . . . . .	V	550
"	Kate A. Coughlin . . . . .	IV-III	500
"	Mary E. McCormick . . . . .	II	500
"	Alphonsine T. L'Esperance . . . . .	I	500
OXFORD STREET.			
Swan,	Ella L. Dwyer, Principal . . . . .	VIII	700
"	Mary A. Hathaway . . . . .	VII-VI	550
"	Olive G. Davidson . . . . .	VI	550
"	Nettie A. Murray . . . . .	VI	500
"	Mary F. Harrington . . . . .	V	550

<i>Committee.</i>	<i>Teachers.</i>	<i>Grade.</i>	<i>Salary.</i>
Scannell,	Mabel B. Tew . . . . .	V	\$500
"	Emma J. Houghton . . . . .	IV	500
"	Mary F. Barker . . . . .	III	500
"	M. Gertrude Griggs . . . . .	II	500
"	Catherine T. Nevins . . . . .	I	500
SYCAMORE STREET.			
Parker,	M. Ella Spalding, Principal . . . . .	VIII	700
"	Janet Martin . . . . .	VII	550
"	A. Teresa Timon . . . . .	VI	600
"	Susie A. Partridge . . . . .	V	550
Young,	Hattie S. Hagen . . . . .	IV	550
"	Sarah W. Clements . . . . .	III	550
"	Ida A. E. Kenney . . . . .	II-I	500
"	Eliza J. Day . . . . .	I	500
NEW WORCESTER.			
Thompson,	Charlotte H. Munger, Principal . . . . .	VIII-VII	800
"	S. Lizzie Carter . . . . .	VI-V	600
"	M. Ella Clark . . . . .	V-IV	550
Reidy,	Jennie M. Tainter . . . . .	III	500
"	Hattie S. Putnam . . . . .	II	500
"	Rebecca H. Davie . . . . .	I	500
SOUTH WORCESTER.			
Conaty,	Carrie A. George, Principal . . . . .	VIII	800
"	John E. Lynch . . . . .	VII	450
"	Kate E. Kenney . . . . .	VI	550
"	Ellen M. Boyden . . . . .	V	550
Swan,	Mary O. Whitney . . . . .	IV	550
"	Lydia W. Ball . . . . .	III	550
"	Mary C. Paige . . . . .	II	500
"	Maggie A. Mahony . . . . .	I	500
"	Jennie M. Sprout . . . . .	I	500
MILLBURY STREET.			
Glasgow,	Francis P. McKeon, Principal . . . . .	VIII	700
"	Mary A. Rourke . . . . .	VII	500
"	Eliza J. Lawler . . . . .	VI	500
"	Marion C. Tucker . . . . .	V	500
Casey,	Harriet E. Maynard . . . . .	IV	500
"	Elida M. Capen . . . . .	III	500
"	Anna B. Ranger . . . . .	II	500
"	Mabel Piper . . . . .	I	500
PROVIDENCE STREET.			
Barker,	Etta A. Rounds, Principal . . . . .	VIII-VII	700
"	Sarah J. Newton . . . . .	VII-VI	550
"	Mary E. Convery . . . . .	VI	500
"	Ella J. Lyford . . . . .	V	500

<i>Committee.</i>	<i>Teachers.</i>	<i>Grade.</i>	<i>Salary.</i>
Warner,	Emma M. Plimpton . . . . .	IV	\$500
"	S. Cornelia Chamberlin . . . . .	III	500
"	Mary A. Kane . . . . .	II	500
"	Mary C. Smith . . . . .	I	500
LAMARTINE STREET.			
Casey,	Arthur Hay, Principal . . . . .	VII	700
"	Sarah M. Averill, Asst. . . . .		500
"	Ida A. Tew . . . . .	VI	500
"	Louise A. Dawson . . . . .	V	500
"	Mary E. Kavanagh . . . . .	V-IV	550
Glasgow,	Ellen T. Shannon . . . . .	IV	550
"	Anna M. Murray . . . . .	III	500
"	Abbie F. Hemenway . . . . .	II	500
Emerson,	Emma F. Brown . . . . .	II-I	500
"	Ida F. Boyden . . . . .	I	500
"	Mary B. Wheatley . . . . .	I	500
QUINSIGAMOND.			
Scannell,	Richard H. Mooney, Principal . . . . .	VII-VI	700
"	Helena M. Kalaher . . . . .	V	550
"	Edna Currier . . . . .	IV	500
Lovering,	Olive M. Butler . . . . .	III	500
"	Mary A. Winter . . . . .	II-I	500
"	Alice V. Phelps . . . . .	I	500
ADRIATIC.			
O'Flynn,	Emma A. Porter, Principal . . . . .	VII	700
"	Sarah E. Rogers . . . . .	VI	550
"	Lizzie E. Chapin . . . . .	V	500
"	Abby B. Shute . . . . .	IV	500
Cristy,	Mary A. McGillicuddy . . . . .	III	500
"	Cora A. Baldwin . . . . .	III-II	500
"	Mary M. Bowen . . . . .	II-I	500
"	Etta T. Whalen . . . . .	I	500
"	Etta M. Thayer . . . . .	I	500
EAST WORCESTER.			
Cosgrove,	Ella W. Foskett, Principal . . . . .	VI	700
"	Minnie M. Parmenter, Asst. . . . .		550
"	Annie Brown . . . . .	V	550
"	Mary E. C. Carroll . . . . .	V-IV	550
Thompson,	Julia A. Bunker . . . . .	IV	500
"	Kate C. Cosgrove . . . . .	III	500
"	Aloysia Radcliffe . . . . .	III	550
Reidy,	Mary E. Russell . . . . .	II	500
"	Mary J. O'Connor . . . . .	II	500
"	Maggie E. Magone . . . . .	I	500
"	Anna T. Kelley . . . . .	I	500

<i>Committee.</i>	<i>Teachers.</i>	<i>Grade.</i>	<i>Salary.</i>
ASH STREET.			
Cristy,	Mary J. Mack, Principal . . . . .	VI	\$700
"	Mary S. Eaton . . . . .	V	550
"	Mabel Crane . . . . .	IV	500
McCafferty,	Kate A. Fallon . . . . .	III	500
"	Sarah A. Boyd . . . . .	II	500
"	Marina H. Tucker . . . . .	I	500
GRAFTON STREET.			
Young,	Bridget T. Carlon, Principal . . . . .	V	700
"	Evelyn E. Towne . . . . .	IV	500
"	Kate A. McLoughlin . . . . .	III	500
Cosgrove,	Margaret J. McCann . . . . .	III-II	500
"	Carrie M. Adams . . . . .	I	500
"	Ella J. Emerson . . . . .	I	500
SUMMER STREET.			
McCafferty,	Abbie A. Wells, Principal . . . . .	V	600
"	Mary A. Hayward . . . . .	IV	500
"	Mary A. Gauren . . . . .	III	500
Thompson,	Alice Chapin . . . . .	II	500
"	Arabell E. Burgess . . . . .	I	500
SALEM STREET.			
Emerson,	Minnie F. Whittier, Principal . . . . .	IV	600
"	Mary O. Whitmore . . . . .	III	500
Cosgrove,	Addie M. Blenus . . . . .	II	500
"	Nellie J. Carlon . . . . .	I	500
UNION HILL.			
Barker,	Etha M. Stowell, Principal . . . . .	IV-III	550
"	Anna D. Stowell . . . . .	II-I	500
MASON STREET.			
Lovering,	Mary E. Pease, Principal . . . . .	II	550
"	Agnes R. Stewart . . . . .	I	500

## SUBURBAN.

<i>Committee.</i>	<i>Place.</i>	<i>Teachers.</i>	<i>Salary.</i>
McCoy,	Northville,	Mary F. Lewis.	\$500
Knight,	Tatnuck,	Elma L. Studley.	500
McCoy,	Trowbridgeville,	Ada D. Saunders.	450
Scannell,	Blithewood,	Edw. A. Quinland.	500
Glasgow,	Bloomingtondale,	Lizzie M. Urban.	500
Mrs. Taft,	Adams Square,	Anna DeW. Pearce.	550
Young,	Burncoat Plain,	Hattie L. White.	500
Cosgrove,	North Pond,	Peter A. Conlin.	500
Cosgrove,	Chamberlain,	Fanny R. Spurr.	450
Glasgow,	Lake View,	Emma G. Goodwin.	500
Mrs. Taft,	Valley Falls,	Eliza J. Seaver, VI-IV	500
Mrs. Taft,	Valley Falls,	Georgianna M. Newton, III-I	500

## DRAWING.

Walter S. Perry. *Teacher*, \$1,650.

Fanny H. Smith, Assistant, High School, \$150.

## COMMITTEE.

Messrs. Parker, Barker, Lamson, Reidy and Emerson.

## MUSIC.

Seth Richards, *Teacher*, \$1,500.

## COMMITTEE.

Messrs. McCoy, Lovering, Cosgrove, Mrs. Taft and Mr. Swan.

## EVENING SCHOOLS.

## COMMITTEE.

Messrs. Conaty, Casey, Mrs. Taft, O'Flynn, Hill and Thompson.

## TRUANT OFFICERS.

Henry E. Fayerweather,

Michael J. English.



## SCHOOL CALENDAR FOR 1884.

*Vacation periods indicated by Full Face Figures.*

1884.	Sunday.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.	1884.	Sunday.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
JAN.	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	JULY.	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24 31	11 18 25	12 19 26
FEB.	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23	AUGUST.	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	9 16 23 30
MARCH.	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	8 15 22 29	SEPT.	7 14 21 28	8 15 22 29	9 16 23 30	10 17 24	11 18 25	12 19 26	13 20 27
APRIL.	6 13 20 27	7 14 21 28	8 15 22 29	1 9 16 23 30	2 10 17 24	3 11 18 25	4 12 19	OCT.	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18
MAY.	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	NOV.	9 16 23 30	10 17 24	11 18 25	12 19 26	13 20 27	14 21 28	15 22 29
JUNE.	1 8 15 22 29	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14	DEC.	7 14 21 28	8 15 22 29	9 16 23 30	1 8 15 22	2 9 16 23	3 10 17 24	4 11 18 19 20

The 1st Term begins Dec. 3d, 1883, and ends Feby. 16th, 1884, comprising 10 weeks.  
 The 2d " " Feb. 25th, 1884, " " April 26th, " " 9 "  
 The 3d " " May 5th, " " June 28th, " " 8 "  
 The 4th " " Sept. 1st, " " Nov. 29th, " " 13 "

\* Assuming that Thanksgiving Day will be Thursday, November 27th.

# AUTHORIZED LIST OF TEXT BOOKS, FOR THE WORCESTER PUBLIC SCHOOLS.

GRADE I.		Swinton's Language Primer,	.28
Franklin First Reader,	\$0.25	Eaton's Elements of Arithmetic,	.40
GRADE II.		*Colburn's First Lessons in Arithmetic,	.35
Franklin Second Reader,	\$0.35	Guyot's New Intermediate Geography (with or without State edition.)	1.25
Worcester's New Primary Speller,	.25	*Second Music Reader, 25c., or Intermediate,	.45
First Music Reader,	.20	Testament,	
Slate and Pencil.		Smith's Free Hand Drawing Book, No. 5 (new), Sept., No. 6, Jan. (new—a small book,)	.10
GRADE III.		Writing Book A ("Duplex,")	.12
Franklin Third Reader,	\$0.50	*Slate and Pencil,	
*Worcester's New Primary Speller,	.25	*Pen and Holder,	
*First Music Reader,	.20	Lead Pencil (Dixon's H, or its like).	
Smith's Drawing Book, No. 1, Sept., No. 2, Jan.,	.10	GRADE VI.	
*Slate and Pencil,		Franklin Fifth Reader,	\$1.10
Lead Pencil (Dixon's H, or its like).		*Worcester's New Pronouncing Speller,	.30
GRADE IV.		Swinton's New Language Lessons,	.38
Franklin Fourth Reader,	\$0.65	*Eaton's Elements of Arithmetic,	.40
*Worcester's New Primary Speller,	.25	*Colburn's First Lessons in Arithmetic,	.35
Colburn's First Lessons in Arithmetic,	.35	*Guyot's New Intermediate Geography (with or without State edition.)	1.25
Guyot's Introductory Geography,	.75	Third Music Reader. (If the pupil has not the Intermediate,)	.25
Second Music Reader, 25c., or Intermediate,	.45	Dictionary. *Testament,	
Smith's Drawing Book, No. 3, Sept., No. 4, Jan.,	.10	Smith's Free Hand Drawing Book, No. 6 (old, a large book,)	.20
Writing Primer, A. 1 ("Duplex,")	.10	Sept. No., Jan.,	.12
*Slate and Pencil,		Writing Book B ("Duplex,")	.12
Pen and Holder,		*Slate and Pencil.	
Lead Pencil (Dixon's H, or its like).		*Pen and Holder,	
GRADE V.		Lead Pencil (Dixon's H, or its like).	
Franklin Intermediate Reader,	\$0.65	GRADE VII.	
Worcester's New Pronouncing Speller,	.30	*Franklin Fifth Reader,	\$1.10
		Worcester's New Pronouncing Speller,	.30

*Swinton's New Language Lessons,	.38
Eaton's Common School Arithmetic,	.75
*Colburn's First Lessons in Arithmetic,	.35
Guyot's New Intermediate Geography,	1.25
*Third Music Reader (if the pupil has not the Intermediate,)	.25
*Dictionary. *Testament,	
Smith's Free Hand Drawing Book, No. 7 Sept., No. 8 Jan.,	.20
Prang's School Compass,	.25
Writing Book B ("Duplex,")	.12
*Slate and Pencil,	
*Pen and Holder,	
Lead Pencil (Dixon's H, or its like).	

## GRADE VIII.

Franklin Sixth Reader,	\$1.20
*Worcester's New Pronouncing Speller,	.30
*Swinton's New Language Lessons,	.38
*Eaton's Common School Arithmetic,	.75
*Colburn's First Lesson's in Arithmetic,	.35
Guyot's Grammar School Geography,	1.85
Fourth Music Reader, Abridged,	.90
*Dictionary. *Testament,	
Smith's Free Hand Drawing Book, No. 9 Sept., No. 10 Jan.,	.20
*Prang's School Compass,	.25
Writing Book C ("Duplex,")	.12
*Slate and Pencil,	
*Pen and Holder,	
Lead Pencil (Dixon's H or its like).	

## GRADE IX.

*Franklin Sixth Reader,	\$1.20
Worcester's New Pronouncing Speller,	.30
Swinton's New School Composition,	.32
*Eaton's Common School Arithmetic,	.75
*Colburn's First Lessons in Arithmetic,	.35
*Guyot's Grammar School Geography,	1.85
Barnes's Brief History, U. S.,	1.25
*Fourth Music Reader, Abridged,	.90
*Dictionary. *Testament,	

Smith's Free Hand Drawing Book, No. 11,	.20
*Prang's School Compass,	.25
Writing Book D ("Duplex,")	.12
*Slate and Pencil,	
*Pen and Holder,	
Lead Pencil (Dixon's H, or its like).	

## SUBURBAN SCHOOLS.

Franklin Reader.	
Worcester's New Speller.	
Colburn's First Lessons in Arithmetic.	
Eaton's Arithmetic.	
Guyot's Geography.	
Dictionary.	
Testament.	
Music Reader.	
Smith's Drawing Book.	
Writing Book No.	
Slate and Pencil.	
Pen and Holder.	
Lead Pencil (Dixon's H, or its like).	

## \*HIGH SCHOOL.

## FIRST YEAR.

†Hudson's Classical English Reader,	\$1.30
A. S. Hill's Treatise on Punctuation, 1881,	.25
Harkness's Latin Grammar, 1881,	1.35
Harkness's Latin Reader, 1877,	1.10
†Otto's German Grammar, 1874,	1.60
Bradbury's Elementary Algebra, 1868,	1.10
Meservey's Book-Keeping, 1877,	1.00
Meservey's Book-Keeping Blanks,	.90
†Guyot's Physical Geography,	1.90
Swinton's Outlines of History, 1874,	1.65
Thalheimer's English History,	1.15
High School Music Reader, 1875,	1.10

## SECOND YEAR—ADDITIONAL.

Cæsar's Commentaries,	
White's Greek Lessons, 1880,	1.35
Goodwin's Greek Grammar, 1879,	1.70
Whitney's German Reader, 1869,	1.60
Keetel's Child's First Book in French, 1875,	.85
Loomis's Geometry, 1876,	1.00
Higginson's United States History,	1.35
†Cooley's Physics,	.90

THIRD YEAR—ADDITIONAL.		Eliot & Storer's Chemistry, 1877, 1.25	
†Hudson's Text Book of Prose, 1.70		FOURTH YEAR—ADDITIONAL.	
Kellogg's Rhetoric, 1880.		Shaw's New English Literature,	
Cicero's Orations,		1875, 1.45	
Virgil's Works,		Homer's Iliad (Owen's), 1851, 1.70	
†Allen & Greenough's Ovid, with		Goodwin's Selections from Xeno-	
Vocabulary, 1875, 1.75		phon and Herodotus, 1.70	
Ovid, first four books, 1.40		Jones's Greek Prose Composition,	
Harkness's Latin Prose Composi-		1872, 1.00	
tion, 1868, 1.25		Keetel's Analytical French Gram-	
Kendrick's Xenophon's Anabasis,		mar, 1873, 1.70	
1873, 1.75		Lockyer's Astronomy, 1870, 1.40	
†Keetel's Elementary French		Dana's Geology, 1875, 1.35	
Grammar, 1874, 1.05		Gray's Manual and Lessons, 2.50	
†Pylodet's Literature Française,		Chapin's Political Economy, .75	
Keetel's French Reader, 1880, 1.45		Martin's Civil Government, 1875, 1.05	
Leighton's History of Rome, 1.75			

This list includes Books for all courses; English, Classical and College.

The English, Greek, Latin, German and French Dictionaries will cost more or less, at the option of parents.

With the approval of the High School Committee and the Principal, a teacher may conduct a class in any study without the text-book; giving the instruction orally, by lecture or conversation. With the same approval, a teacher of French or German may select from appropriate texts for reading, such as seem best fitted for any class.

\* Same as in lower grades.

† Authorized but not now used.

FREE PUBLIC LIBRARY.



## DIRECTORS IN 1884.

---

	TERM EXPIRES.
THOMAS J. CONATY,	Dec. 31, 1884.
SAMUEL D. NYE,	" 1885.
SAMUEL A. PORTER,	" 1886.
JONAS G. CLARK,	" 1887.
CHARLES M. LAMSON,	" 1888.
ADIN THAYER,	" 1889.

## ORGANIZATION FOR THE YEAR.

---

PRESIDENT.  
FRANCIS H. DEWEY.

SECRETARY AND TREASURER.  
JAMES E. ESTABROOK.

COMMITTEE ON THE LIBRARY.  
JONAS G. CLARK, ALBERT WOOD,  
CHARLES M. LAMSON, ADIN THAYER, JAMES E. ESTABROOK.

COMMITTEE ON THE READING-ROOM.  
T. J. CONATY, GEORGE SWAN, WILLIAM A. WILLIAMS.

COMMITTEE ON THE BUILDING.  
WM. DICKINSON, SAMUEL A. PORTER, SAMUEL D. NYE.

COMMITTEE ON FINANCE.  
FRANCIS H. DEWEY, SAMUEL D. NYE, JONAS G. CLARK.

LIBRARIAN.  
SAMUEL S. GREEN.

ASSISTANT-LIBRARIANS.  
LUCIE A. YOUNG, JESSIE E. TYLER, ELLEN L. OTIS,  
M. JENNIE BARBOUR, SARAH D. TUCKER.

# WORCESTER FREE PUBLIC LIBRARY.

---

## DIRECTORS' REPORT.

---

*To the Hon. Samuel E. Hildreth, Mayor, and the City Council  
of the City of Worcester :*

The ordinance for the establishment and government of the Free Public Library of the City of Worcester, provides that the Directors shall annually, in the month of January, lay before the City Council, a detailed report of their doings and of the condition of the Library.

In accordance with this requirement, the Directors of the Free Public Library submit their twenty-fourth annual report.

There are four Standing Committees of the Board: on the Library, on the Reading Room, on the Building, and on Finance; which committees are entrusted with the especial care of matters connected with the department in their charge, and by these Committees reports are made to the full Board of Directors, who hold meetings on the last Tuesday of each month, and in whom is vested the general supervision and control.

The Reports of the Standing Committees, with the Reports of the Librarian and Treasurer of the Reading Room, are herewith transmitted and made a part of this report.

These reports state so fully the work of the last year, and the present condition of the Library, that only a summary of the same is herein presented.

The whole number of volumes in the Library is 58,099; there has been an increase during the year by purchase of 1706 volumes, by gifts of 473 volumes, and by binding periodicals, of 331

volumes ; after deducting the volumes withdrawn and missing the net increase for the year is 2347 volumes.

The number of volumes purchased during the year was 817 less than in the previous year, owing to the want of sufficient funds therefor.

The number of volumes delivered for home use was 116,806 as against 114,845 the previous year, and for reference use 52,305 as against 48,846 the previous year, making the number of volumes used the past year 169,111, and an increase of 5,424 volumes over the previous year.

Very full and interesting details as to the circulation of the Books and the Library in general, will be found in the Report of the Librarian.

The great amount of work required for the new catalogue has been accomplished, and the result is a volume of 1392 pages, which is now in the hands of the binder, and will be soon ready for sale ; it will not only prove a great convenience but will also tend to increase the usefulness of the library. Miss Sarah F. Earle, who has been for many years an efficient assistant-librarian, has had the charge of preparing the catalogue, and her services have been eminently satisfactory.

The City of Worcester may well be proud of its Library ; in number of volumes it ranks high, and in the character of the works to be found on its shelves it acknowledges no superior.

Recognizing the fact that for the growth and prosperity of our city we are largely indebted to our manufacturing and mechanic interests, it has been the purpose of the Directors to provide all the new publications relating to the arts, sciences and mechanics, the books on which subjects are constantly taken from or consulted at the rooms of the library. This fact, and the increasing use of the library by the teachers and scholars, not only of our public schools, but of the numerous institutions for learning here located, should encourage the city government, not only to continue, but to increase its liberal appropriation for the support of the library.

The Green Library Fund now amounts to \$40,404.99, giving an annual income of about \$2,100.00 ; one-fourth of which, by

the will of Dr. John Green, is to be annually added to the principal till the same reaches the sum of \$100,000 ; the other three-fourths of the income can only be used in the purchase of books to be used in the library building for consultation and reference.

All books for the Circulating Department must therefore be purchased from the annual appropriation by the city, and inasmuch as the expenditures for the services of the Librarian and his assistants, care and repairs of the building, fuel, gas, and other necessary expenses must first be met, the balance of the appropriation only is applicable to the purchase of books.

As the Directors in determining the amount they ask from the city for the yearly appropriation, do so after careful enquiry as to the necessary expenses, if the city reduce the amount asked for, they deprive us of the means of purchasing books ; whatever deductions may be made in the appropriations asked for in other departments of city work, let it not be said that the City of Worcester exercises a mistaken economy which will lessen the advantages of the Public Library, in which all her citizens share alike.

The Reading Room is proving one of the most important departments. The number of newspapers provided in the Reading Room has been 135, of which 39 were contributed, the number of magazines 119, of which 11 were contributed.

The large and increasing number of readers, without regard to nativity, politics or sect, who frequent the rooms, show their appreciation of the great variety of newspapers and magazines that are provided.

The permanent fund for the support of the Reading Room, contributed by some of our citizens many years since, amounts to \$10,700, the annual income of which is less than \$600, whereas the annual cost of the newspapers and magazines is \$1,000, and an appropriation of \$400 will be required for this department.

By the report of the Committee on the building, it appears that during the past year new floors have been laid throughout the main story of the library building, and other repairs made, so that the building is now in excellent condition ; but to keep a building of its size, and one in so constant use, in good repair will

require a considerable annual expenditure, estimated by the Committee at \$400 for the next year. That the whole upper story may be made ready for the storage of books, for which it is needed, there will be required an extra expenditure for shelving estimated at \$600.

The report of the Librarian is so full on topics of general interest connected with our Library, that I prefer to refer to it, as in its perusal you will all be interested, instead of enlarging upon the same subjects herein.

It is gratifying to know that the merits of the Library, and the system here pursued, have been recognized abroad, and that our Library is spoken of in comparison with others as a model library, by the French Commission.

We have for several years held this position in our own country, for all which we are in a great measure indebted to the labors and success of our accomplished librarian, whose attainments have secured for himself great honor and influence at the annual Conferences of the Librarians of the Country. His work on "Library Aids" has received the especial commendation of the Bureau of Education at Washington; the Commissioner says it is impossible for that office to furnish fuller or more complete suggestions as to the establishment and conduct of libraries, than is contained in Librarian Green's small volume on that subject.

We are pleased to make the annual acknowledgment for Mr. Green's valuable services, and to his assistants for their faithful aid.

In behalf of the Directors,

FRANCIS H. DEWEY,

*President.*



# REPORT OF THE LIBRARIAN

## OF THE

# FREE PUBLIC LIBRARY.

---

*To Hon. Francis H. Dewey, President of the Board of Directors of the Free Public Library.*

I herewith present the twenty-fourth annual report of the librarian. It is the thirteenth 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.

It gives me great pleasure to announce to the Board of Directors and through them to the citizens of Worcester, that a catalogue has been printed during the past year, of the books belonging to the circulating department of the library and of a portion of those contained in the intermediate department. This work is a volume of 1,392 pages and is octavo in size. An edition of 3,000 copies has been printed and 1,000 copies are now at the bindery.

The catalogue contains all the books added to the departments of the library catalogued, up to September 1, of the present year. Its cost, aside from the labor involved in its preparation for the press and in proof-reading, has been thus far \$3,533.73. \$900 additional will be required for binding.

It is proposed to sell the work for seventy-five cents a copy, that is to say for about one-half the cost of paper, printing and binding.

The library is established to do a popular educational work and it is therefore considered wise, in conformity to the usage of other well managed libraries, to sell so important a tool in doing this kind of work as a catalogue at such a price as to ensure its general use.

The catalogue will go on sale immediately.

It is the work of Miss Sarah F. Earle, the head of the cataloguing department. In my opinion and in that of competent critics, this work has been admirably done, and it is confidently expected that the catalogue will prove eminently satisfactory to the users of the library.

The officers of the library have regretted very much that this work could not have been done several years ago, but it was only during the present year that an appropriation could be obtained to print the catalogue.

We have aimed to prepare the volume with a careful regard to economy, and the success of our efforts has been attested by the testimony of experienced cataloguers.

It is gratifying to find that during the past year there has been a considerable increase in the use of the library. The whole number of volumes given out to readers and students during the year is 171,119. This use is divided among the different departments, as follows: Circulating Department 116,806, Reference Department 52,305, Sunday use 2,008. These figures show the increase of the year to have been 5,285 volumes. As was the case in the year previously reported on the largest increase in the use of books has been in the reference department, namely 3,459 volumes. This use has grown, it will be remembered, from practically no use thirteen years ago to the employment of 52,305 volumes the past year.

These books have been used almost exclusively for serious purposes and in the statement no account has been taken of the immense use of the 250 papers, magazines and reviews to be found in the reading-rooms. These, readers help themselves to without the intervention of an attendant.

The work done by the library in connection with the Public Schools has continued to increase.

Besides the large amount accomplished within the library building it is calculated that from 500 to 700 volumes belonging to the library are in use within the school-houses of the city every day that the schools are in session. For a description of the most recent phases of this work, reference is made to a paper read by the librarian at the convention of the American Library Association, held in Buffalo last August. This has been printed in the September-October number of the Library Journal for the present year.

The increase in the use of the circulating department the past year has been 1,961 volumes. As was stated last year, we can carry up the aggregate of books given out in this department to any desired number by lowering the standard of books circulated. But it has been the fixed purpose of the management of the library in the past as in previous years to keep up a very high standard in the literature circulated and it is with pride that we point confidently to the fact that this department is contributing immensely both to the pleasant and profitable employment by citizens of their leisure time and to their education and mental and moral improvement.

It may not be amiss to state in this connection that an admirable catalogue of children's books has been published the past year by Mr. Frederick Leypoldt of New York. It is entitled "Books for the Young," and was prepared by Miss Hewins of Hartford. Parents and children would find this a valuable guide in selecting books, which are at the same time interesting and wholesome.

Copies of this catalogue may be taken out from the circulating department of the library and others may be consulted within the library building.

It is pleasant to note that the methods in vogue in this library have approved themselves to the judgment of managers of libraries in other places and that they are being adopted in many cities and large towns and in smaller communities.

Last winter, for example, Chicago began successfully the work of bringing about intimate relations between its public library and the common schools. The librarian of the Public School

Library of St. Louis has long been interested in the work which we have been doing here and now writes me that he has begun earnestly to urge upon teachers and others in that city the importance of having schools avail themselves largely of facilities afforded by libraries.

The librarian of the Public Library in Providence writes me that he is trying to induce the governing body of the institution over which he presides, to extend the work it is already doing in this direction and add to it new features borrowed from plans in use here.

In the fourteenth volume of the new edition of the *Encyclopaedia Britannica* in the article "Libraries," the writers in speaking of some of the city and town libraries in the United States say, "It is the opinion of the energetic and enlightened managers of these libraries that a free public library is the proper corollary of a free system of public education, and it is their aim as far as possible to direct the taste and methodize the reading of those who use the collections under their charge."

Mr. Robert Harrison, librarian of the London Library, has lately, it is said, called attention to the fact that libraries may be made very useful to teachers and scholars and urged that they really be made so.

The city of Leeds, England, largely influenced by the success of this kind of work in Worcester, is especially exerting itself to make its public library useful to schools. It has begun its experiments by establishing branches of its own library in two school-houses situated at a distance from the library building.

The Boston Public Library, it is stated in one of the newspapers of that city, has decided to extend to schools in Boston some of the facilities enjoyed by such institutions in Worcester.

Finally, within the present year, a report has been sent forth from the Prefecture of the Seine (in which the city of Paris is situated) which makes honorable mention of this library. The report was prepared by Monsieur Edmond Dardenne, chief of the bureau having charge of the popular libraries of the city of Paris and department of the Seine, with the purpose of supplying information that would be useful to the Commission on Libraries



in considering what improvements should be introduced into the libraries under their charge. In this report our library is cited as an example that is worthy of imitation and the work done here is spoken of in a very complimentary manner.

The whole number of volumes in our library is 58,099.

It is to be regretted that we have not been able to buy so many books the past year as usual. The number of volumes bought is 817 less than that representing the purchases of the previous year. This frugality was rendered imperative by the necessity of spending a considerable sum of money in printing a catalogue and for extraordinary repairs.

It is desirable that a much larger sum should be spent for books the coming year than during the past year.

A list of persons and institutions to whom we are indebted for gifts is appended to this report. We owe much to our friends for presents and kindnesses, and are grateful to them for supplying our wants.

I wish, before concluding this report, to allude to a subject which must soon command the attention of the Board of Directors and City Government, namely: the impending necessity for the enlargement of the quarters of the library. The reading-room of the Green Library is already too small and in a few years there will be no more room in the building for the storage of books.

An appropriation will be asked for the coming year to shelve the portions of the rooms in the highest story of the building, that are not yet arranged for the reception of books.

In conclusion, I wish to say on my own behalf, and for my associates in the executive department of the library, that we are sensible of the consideration and kindness which has marked the bearing of the Board of Directors towards us, and feel grateful for the courtesy extended to us.

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, December 18th, 1883.

We have examined the Librarian's account from December 1st, 1882, the date of the last settlement, and find it stands as follows :

Cash balance in librarian's hands December 1st, 1882,	\$130 27	
Received for fines, from the sale of catalogues and miscellaneous sources,	490 89	
	<hr/>	\$621 16
Paid in return of temporary deposits, &c.,	\$43 00	
" to James E. Estabrook, Treasurer,	417 20	
	<hr/>	
		\$460 20
Balance in librarian's hands December 1st, 1883,		160 96
		<hr/>
		\$621 16

F. H. DEWEY,  
SAMUEL D. NYE, } *Finance Committee.*  
JONAS G. CLARK, }

## RECEIPTS AND EXPENDITURES.

### RECEIPTS.

Municipal appropriation,	\$13,401 02
Income from invested funds :	
Green Library Fund,	\$1,591 28
Reading-room Fund,	584 00
	<hr/>
	\$2,175 28
Receipts from dog licenses,	2,609 57
" " fines,	405 73
" " sale of catalogues,	10 27
Payments for missing or damaged books,	10 23
Sundries,	21 66
	<hr/>
Total,	\$18,633 76
Cash on hand at last report :	
Green Library Fund,	\$1,599 94
Reading-room Fund,	310 30
Fines, catalogues, &c.,	130 27
	<hr/>
	\$2,040 51
	<hr/>
	\$20,674 27

## EXPENDITURES.

## BOOK ACCOUNT.

## Books :

Green Library Fund,	\$880 42
City appropriation,	2,599 53
	<hr/>
	\$3,479 95

## Periodicals :

Green Library Fund,	\$48 92
City appropriation,	62 32
Reading-room Fund,	972 81
	<hr/>
	\$1,084 05

Binding,	817 35
----------	--------

## BUILDING ACCOUNT.

Repairs and additions,	\$934 80
Furniture and fixtures,	67 75
Insurance,	81 25
Fuel,	329 46
Lights,	902 97

## SALARY ACCOUNT.

Administration (including wages of janitor),	\$5,433 01
Cataloguing,	1,060 42
Extra service,	1,005 84

## SUPPLY ACCOUNT.

Printing catalogues,	\$2,115 51
Blanks and stationery,	146 76
Postage,	119 22
Sundries,	340 43
	<hr/>
	\$17,918 77

## Cash on hand, December 1st, 1883 :

Green Library Fund,	\$2,261 88
Money received for fines, sale of catalogues, &c.,	578 16
	<hr/>
	\$2,840 04
Reading-room Fund, deficit,	84 54
	<hr/>
	\$2,755 50
	<hr/>
	\$20,674 27

## ACCESSIONS.

## Increase of volumes by purchase :

Green Library,	165
Intermediate department,	324
Circulating department,	1,217
	<hr/>
	1,706

Increase of volumes by gifts :		
Intermediate department,	428	
Circulating department,	45	
	<hr/>	473
Increase of volumes by binding periodicals :		
Green Library,	35	
Intermediate department,	239	
Circulating department,	57	
	<hr/>	331
Increase by placing unbound volumes of periodicals in the library :		
Intermediate department,		7
Number of missing volumes restored since last report :		
Circulating department,		3
		<hr/>
		2,520
Number of volumes withdrawn since last report :		
Intermediate department,	4	
Circulating department,	145	
	<hr/>	149
Number of volumes missing since last report :		
Intermediate department,	1	
Circulating department,	23	
	<hr/>	24
		<hr/>
		173
Net increase for the year,		<hr/>
		2,347
Number of volumes in the library as last reported :		
Green Library,	20,566	
Intermediate department,	12,192	
Circulating department,	22,994	
	<hr/>	55,752
Total number of volumes in the library,		<hr/>
		58,099
Increase of unbound pamphlets by purchase :		
Green Library,	2	
Intermediate department,	34	
	<hr/>	36
Increase of unbound pamphlets by gift :		
Intermediate department,		394
Total increase for the year,		<hr/>
		430

# FREE PUBLIC LIBRARY.

407

Number of newspapers subscribed for :

Reading-room fund,	96
--------------------	----

Number of newspapers given to the Reading-room,	39
---	----

Number of magazines subscribed for :

Reading-room fund,	81
--------------------	----

Green Library fund,	9
---------------------	---

City funds,	18
-------------	----

108

Number of magazines given to the Reading-room,	11
--	----

## CIRCULATION.

Number of days the Circulating department was open,	307
---	-----

Number of days the Reference department was open,	307
---	-----

Number of days the lower Reading-room was open,	364
---	-----

Number of volumes delivered for home use,	116,806
---	---------

Number of volumes delivered for reference use,	52,305
--	--------

Average daily use (home and reference), (Circulating department 381, Reference department, 170),	551
--	-----

Largest daily use (home and reference), December 9, 1882,	1,194
---	-------

(Largest in Circulating department, December 9, 1882, 980 volumes; in Reference department, January 16, 374 volumes).

Smallest daily use (home and reference), August 22,	221
---	-----

(Smallest in Circulating department, October 2, 139 volumes; in Reference department, August 22, 18 volumes).

Number of books lost and paid for :

Circulating department,	12
-------------------------	----

Number of books lost and not paid for :

Intermediate department,	1
--------------------------	---

Circulating department,	11
-------------------------	----

12

Number of books worn out and withdrawn :

Intermediate department,	4
--------------------------	---

Circulating department,	145
-------------------------	-----

149

Number of notices to delinquents,	5,210
-----------------------------------	-------

Number of volumes bound,	1,578
--------------------------	-------

Number of names registered during the year,	1,736
---	-------

Total number of names registered (a new registry made July 1, 1873),	23,447
--	--------

## SUNDAY USE.

The Reading-rooms are open from 2 to 9 P. M.

Number of persons using the upper room,	4,555
---	-------

Number of persons using the lower room,	9,856
---	-------

Total number,	14,411
---------------	--------

Average number of persons per Sunday using the rooms,	283
---	-----

Largest Sunday attendance, February 18,	410
---	-----

Smallest Sunday attendance, July 22,	133
--------------------------------------	-----

Number of volumes delivered (for use within the building),	2,008
--	-------

Average number of volumes delivered per Sunday,	39
---	----

SAMUEL S. GREEN,

*Librarian.*



# APPENDIX.

## GIFTS TO THE LIBRARY.

DONORS.	Books.	Pamphlets	DONORS.	Books.	Pamphlets
Adams Academy, <i>Quincy</i> ,			1 Bridgeport Public Library,		1
Aldrich, A. J., <i>Michigan</i> ,			1 Brooklyn Library,		2
Allen, Edward G., <i>London, Eng.</i> ,	1		Brown, Freeman,	1	
American Antiquarian Society,	1		3 Brown University,		1
American Board of Commissioners for Foreign Missions,	1		Bullock, Mrs. Elvira H.,	1	
American Institute of Mining Engineers,	1		Caldwell, A.,		1
American Swedenborg Printing and Publishing Society,	12		5 Cambridge Entomological Club,		1
American Unitarian Association,	2		Cambridge University, <i>Cambridge, Eng.</i> ,		1
Ames, J. G., <i>Washington, D. C.</i> ,	1		Chamberlain, Mellen, <i>Boston</i> ,		1
Ames Free Library, <i>North Easton</i> ,	2		Chandler, George,	1	
Amherst College,	1		2 Chicago Public Library,		1
Anglim, James & Co., <i>Washington, D. C.</i> , 1 folded sheet.			Childs, George W., <i>Philadelphia, Pa.</i> ,		2
Anonymous, 1 newspaper,	3	20	Chilovi, D.,		1
Apprentices' Library, <i>New York City</i> ,			Cilley, Bradbury L., <i>Exeter, N. H.</i> ,	2	
Apprentices' Library Company of Philadelphia,			Cincinnati, Superintendent of Schools,	1	
Archæological Institute of America,			Cincinnati Public Library,	4	1
Arundel Society, 1 folded sheet.			1 Civil Service Reform Association, <i>New York</i> ,	1	2
Astor Library, <i>New York City</i> ,			1 Civil Service Reform Association, <i>Philadelphia, Pa.</i> ,		1
Baker, Mrs. F. M.,	2		1 Clark, William, <i>Boston</i> , 2 circulars,		1
Barker, F. E.,	14		1 Clarke, R. F., <i>London, Eng.</i> ,		1
Barrow-in-Furness Free Public Library,			3 Clarke, Robert & Co., <i>Cincinnati, O.</i> ,	1	
Bigelow Free Public Library, <i>Clinton</i> ,			Cleveland Educational Bureau,	2	
Birmingham Free Library Committee,			1 Cleveland Public Library,	1	
Bodleian Library, <i>Oxford, Eng.</i> ,	1		Clouston, W. A.,	1	
Boone, Edward D.,	1		1 Cobden Club, <i>London, Eng.</i> ,	1	
Boston, City of,	1		Colby University,		2
City Council,	5		2 Collet, C. D., <i>London, Eng.</i> , 1 circular, 12 sheets,	3	54
Boston Public Library,			Columbia College, <i>New York</i> , 1 circular, 3 folded sheets, 4 sheets,	10	38
Boston University,	1		5 Concord, <i>N. H.</i> , Free Public Library,		1
Boutwell, Francis M.,			1 Conklin, William A., <i>New York</i> ,		1
Bowdoin College,			1 Connecticut Agricultural Experiment Station,	1	
Bradlee, C. D., <i>Boston</i> ,			2 Cornell University,		3
Breck, Joseph & Sons,					

DONORS.	Books.	Pamphlets	DONORS.	Books.	Pamphlets
Cutter, C. A., <i>Boston</i> ,	1		Hannah, George, <i>Brooklyn</i> ,		2
Davenport, George E., <i>Medford</i> ,			N. Y.,		
1 sheet,		2	Harding, Samuel D.,	1	
Davenport Academy of Natural			Harding, William B.,		1
Sciences, <i>Davenport, Iowa</i> ,		2	Harris, Clarendon,	3	
Davis, Andrew McF., <i>San Fran-</i>			Hartford Steam Boiler Inspec-		
<i>cisco, Cal.</i> ,		1	tion and Insurance Co.,	1	
Davis, Edward L.,	5		Harvard University,	2	1
Dewey, Melvil, <i>New York</i> ,		1	Hazard, Thomas R., <i>Vancluse</i> ,		
Dexter, Julius, <i>Cincinnati, O.</i> ,	1		R. I.,	1	
Doncaster Borough Free Libra-			Hildreth, Samuel E.,		2
ry,		1	Hill & Tolman,	1	
Donnell, E. J., <i>New York</i> ,		2	Historical Publishing Company,		
Dreher, Julius D., <i>Salem, Va.</i> ,			<i>New York</i> ,		1
1 paper,		2	Hoar, George F., <i>U. S. S.</i> ,	63	12
Drew, Allis & Co.,	32		Holyoke Machine Co.,		2
Dundee Free Library, <i>Dundee</i> ,			Howland Circulating Library,		
<i>Scotland</i> ,		1	<i>Matteawan, N. Y.</i> ,	1	
Eastman, A. V., <i>Cedar Rapids</i> ,			Hunnewell, J. F., <i>Charlestown</i> ,		1
<i>Iowa</i> ,		1	Huntington, William R.,	2	
Eaton, John, <i>Washington, D. C.</i> ,	1		International Tract and Mission-		
Estes & Lauriat, <i>Boston</i> ,		1	ary Society, <i>South Lancas-</i>		
Fall River Public Library,		1	<i>ter</i> ,	9	1
Firth, Abram, <i>Boston</i> ,		2	Iowa State Library,		1
Fiske, J. M., <i>Boston</i> ,		1	Johns Hopkins University,	1	8
Fitch, Mrs. M. V.,		1	Johnson, Samuel, Family of,	1	
Foster, Mrs. L. A.,	3		Kansas State Board of Agricul-		
Foster, W. E., <i>Providence, R. I.</i> ,			ture,	1	
2 newspapers.			Ladies Commission on Sunday		
Friends Free Reading Room			School Books,	1	
and Library, <i>Germantown</i> ,			Lancaster, George Y.,	1	
<i>Pa.</i> ,		1	Lancaster Town Library,		1
Fuller, Homer T.,			Leavitt, George A. & Co.,	3	
Gannett, William C., <i>St. Paul</i> ,		1	Lee, John W. M., <i>Baltimore</i> ,		
<i>Minn.</i> ,		1	<i>Md.</i> , 1 newspaper.		
Garver, Austin S., <i>Hopedale</i> ,		1	Leeds Public Library,		1
General Society of Mechanics			Leicester Public Library,		1
and Tradesmen, <i>New York</i>		1	Levi Parsons Library of Glovers-		
<i>City</i> ,	1		ville and Kingsboro, <i>New</i>		2
Gilman, Arthur, <i>Cambridge</i> ,	1		<i>York</i> ,		
newspaper cutting,		5	Leypoldt, Frederick,	1	
Gilman, D. C., <i>Baltimore, Md.</i> ,	3		Library Company of Philadel-		
Gould, George,		1	phia,	2	
Goulding, F. P.,		1	Liverpool, Eng., Free Public		1
Green, Mrs. Elizabeth,	1		Library,		
Green, James, 1 sheet.		2	Lockwood, Brooks & Co.,		1
Green, Samuel A., <i>Boston</i> ,	9		Lowell City Library,		1
Green, Samuel S., 1 chart, 1		26	Lynn Public Library,		1
sheet,			MacCrellish, F. & Co., <i>San</i>		
Greene, J. Evarts,	1		<i>Francisco, Cal.</i> ,		1
Hall, E. H., <i>Cambridge</i> ,	1		Malden Public Library,		1
Halsted, A. M., <i>Rye, N. Y.</i> ,	1		Manchester, Eng., City of,		2

DONORS.	Books.	Pamphlets	DONORS.	Books.	Pamphlets
Manchester, <i>N. H.</i> , City Library,			Niles, D. Waterhouse,	2	
Mann, C. C.,	1		1 Northboro Free Library,		1
Massachusetts, Board of Railroad Commissioners,	1		Northern Pacific Railroad Co.,		
Secretary of the Commonwealth,	17		1 newspaper,	2	4
State Library,	3		Northrop, B. G., 1 sheet.		
State Lunatic Hospital, <i>Northampton</i> ,	1		Ohio Mechanics' Institute, <i>Cincinnati, O.</i> ,		3
State Lunatic Hospital, <i>Worcester</i> ,			1 Paine, Nathaniel,		5
State Normal School, <i>Worcester</i> ,			Parker, <i>Mrs. A.</i> ,	4	
Massachusetts Institute of Technology,	1		Perkins, J. McC.,		1
Massachusetts Teachers' Association,	2		Perkins Institution and Massachusetts School for the Blind,	1	
May, Samuel, <i>Leicester</i> ,			1 Perry, Walter S.,		1
Mercantile Library Association of New York,			Phillips, George W.,		1
Mercantile Library Association of San Francisco,			Phillips Academy, <i>Andover</i> ,		1
Mercantile Library Company of Philadelphia,			Phillips Exeter Academy, <i>Exeter, N. H.</i> ,		1
Mercantile Library of Philadelphia,			3 Photo-Engraving Company, <i>New York</i> ,		1
Merriam, Augustus C., <i>New York</i> ,	1		1 Plymouth, <i>Eng.</i> , Free Public Library,		1
Milford, Town of,	1		1 Polytechnic Society of Kentucky,		1
Milwaukee Public Library,			1 Prefecture du departement de la Seine,	1	
Minnesota Historical Society,			4 Providence & Worcester Railroad Co.,		1
Mitchell Library, <i>Glasgow, Scotland</i> ,			Providence Public Library,	1	2
Morse Institute, <i>Natick</i> ,			Public School Library, <i>Cleveland, O.</i> ,		1
Mt. Holyoke Female Seminary,			1 Publishers of Baltimore American, 1 newspaper.		
Museum of Fine Arts, School of Drawing and Painting, <i>Boston</i> ,			1 Publishers of Connecticut Courant,	1	
Nash, E. W., <i>New York</i> ,			1 Publishers of Lowell Weekly Journal,		1
National Association of Wool Manufacturers,	1		Publishers of Musical Times,		7
National Civil Service Reform League,			2 Publishers of Our Continent,	1	
New Bedford Free Public Library,			3 Publishers of Unity,		1
New Jersey State Library,	3		Publishers of the Worcester Daily Times, 1 newspaper.		
New York City, Board of Education,			Putnam & Davis,		1
New York, State Library,	5		1 Raymond, W., <i>Boston</i> ,		2
State Survey,	1		Redpath, James, 1 newspaper.		
Newton Free Library,	1		1 Rice, W. A. S., <i>Boston</i> ,	1	
			Rice, W. W., <i>M. C.</i> ,	20	
			Robinson, H. H., <i>Malden</i> ,	1	
			1 Roe, Alfred S.,	1	
			Roorbach & Company,		1
			St. Louis Mercantile Library Association,		1

DONORS.	Books.	Pamphlets	DONORS.	Books.	Pamphlets
St. Louis Public School Library,		5	Marine Hospital Service,	1	
Salisbury, Stephen,		4	Naval Observatory, 1 sheet,	3	
Salisbury, Stephen, Jr.,	2		Ordnance Department,	1	
San Francisco Free Public			Signal Service,	8	
Library,		1	University of Georgia,		1
Sanborn, F. B., <i>Boston</i> ,	3		Walker, A. G.,	1	
Savin, James M.,	1		Watertown Free Public Library,		1
Shumway, E. S., <i>Potsdam, N. Y.</i> ,		2	Wayland, Francis, <i>New Haven</i> ,		
Smith, Charles C.,		1	<i>Conn.</i> ,		2
Smith, Henry M.,	25		Wendte, Charles W., <i>Newport</i> ,		2
Smithsonian Institution, <i>Wash-</i>			<i>R. I.</i> ,		
<i>ington, D. C.</i> ,	8		Wheeler, Henry A., 5 numbers		
Society to Encourage Studies			of a newspaper,	4	22
at Home,		1	Wheeler, Leonard,	3	2
Stanwood, J. R., <i>Boston</i> ,	1		Whiting, Charles B. & Co.,		1
Staples, Samuel E.,		1	Winsor, Justin, <i>Boston</i> ,	1	3
Stevens, B. F.,		2	Woburn Public Library,		1
Stewart, J. T.,		1	Woman's Medical College, <i>Phil-</i>		
Stimson, Henry A.,	1		<i>adelphia, Pa.</i> ,		1
Stirling's and Glasgow Public			Worcester, <i>Eng.</i> , Public Library,		1
Library,		1	Worcester, City Clerk,		2
Stone, E. M., <i>Providence, R. I.</i> ,		1	City Hospital,		1
Sunderland, J. T., <i>Ann Arbor</i> ,		1	Superintendent of Schools, 1		
<i>Mich.</i> ,	1		sheet.		
Swansea, <i>Wales</i> , Public Library,		1	Worcester Academy,		2
Syvret, Jean,		1	Worcester County Free Insti-		
Taunton Public Library,		1	tute of Industrial Science,		2
Thayer Academy, <i>Braintree</i> ,		1	Worcester County Free Insti-		
Thomas Crane Public Library,		1	tute of Industrial Science,		
Trustees of,	2		Class of '83,		1
Thompson, Charles O., <i>Terre</i>			Worcester County Horticultur-		
<i>Haute, Ind.</i> ,	2	8	al Society,	1	
Toledo Public Library,		1	Worcester County Mechanics		
Townsend, Caroline P.,		1	Association,		7
Trask, I. N., <i>New Salem</i> ,	1		Worcester County Musical Asso-		
Tucker, Sarah D.,	6		ciation,	4	
Tufts College,		2	Worcester District Medical		
Tyler, Jessie E., 1 paper.			Society,	4	
Tynam, William,	1	2	Worcester Lyceum and Natural		
Union University,	1		History Association,		1
United States:			Worcester Mechanics Savings		
Bureau of Education, 2 sheets,	8	13	Bank,		1
Chief of Engineers,	7		Worcester Society of Antiquity,	1	1
Department of the Interior, 1			Yale College,	1	4
map,	37	1	Young Men's Association, <i>Al-</i>		
Department of State,	3	6	<i>bany, N. Y.</i> ,		1
Department of the Treasury,	1	1	Young Men's Mercantile Library		
Department of War,	3		Association, <i>Cincinnati, O.</i> ,		1
Director of the Mint,	3		Young Men's Society for Home		
Library of Congress,	5	3	Study, <i>Cambridge</i> ,		1



# 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 one thousand seven hundred and six volumes, distributed as follows:—

Green Library,	165
Intermediate department,	324
Circulating department,	1,217

We desire especially to congratulate the public upon the greater facility afforded for the use of the library by reason of the completion of the new catalogue. The care and ability with which the work has been prosecuted command conspicuous recognition.

We renew with great pleasure the expression of obligation which we believe our city owes to the Librarian and his assistants for exceptionally valuable service.

For the Committee.

F. A. GASKILL.



R E P O R T  
OF THE  
COMMITTEE ON THE READING-ROOM.

---

*To the Directors of the Free Public Library :*

The Committee on the Reading-room, in consideration of the fact that the two rooms under its charge are frequented by so large a portion of the citizens of Worcester in search of such information and entertainment as may be obtained from papers, magazines and reviews, has felt it incumbent upon itself to make liberal provision for the supply of literature of this kind. Two hundred and fifty-four periodicals are now received regularly by the library, either through purchase or by gift. Eleven more papers and magazines have been subscribed for this year than were taken during the previous year. The number of gifts to the rooms has been the same the present year as the year before.

The committee desires to express its hearty thanks to the individuals and firms who have given periodicals to the reading-rooms. The enjoyment and profit derived from these gifts have been very great.

The committee asks the city for \$400. It is necessary to have this sum in addition to the income of the reading-room fund, as we are changing our plans in buying papers and paying for everything in advance, so as to save expense and because the experience of the past year has taught us that it is necessary to make the list of periodicals taken longer than it has been before the present year and somewhat longer even than that of this year.

WM. DICKINSON,  
THOMAS J. CONATY,  
JAMES E. ESTABROOK.

PERIODICALS AND PAPERS ADDED TO OUR LIST DURING  
THE YEAR.

Capital and Labor.	Journal of the Chemical Society.
Continent.	Journal of the Society of Chemical
Critic.	Industry.
Cultivator and Country Gentleman.	Le Livre.
Electrician.	L'Illustration.
English Illustrated Magazine.	Longman's Magazine.
Essex County Mercury.	National Review.
Forest and Stream.	Science.
Gaelic Journal.	Stimmen aus Maria-Laach.

PERIODICALS DISCONTINUED DURING THE YEAR.

Cincinnati Semi-Weekly Gazette.	†Frazer's Magazine.
Musical Times.	

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 Co.
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 Associa- tion of the United Kingdom,	S. S. Green.
Musical Herald,	Publishers.
Musical Times,	Publishers.

---

†Publication stopped.

New England Farmer,	Proprietors of the Spy.
New England Home Journal,	Henry M. Smith.
New England Staaten Zeitung,	Publishers.
Official Gazette of the United States	
Patent Office,	United States Patent Office.
Our Dumb Animals,	Publishers.
Public Ledger,	George W. Childs, Proprietor.
Puck,	Spencer & Soule.
Roxbury Advocate,	Publishers.
Sanford Journal,	Publishers.
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 Maga-	
zine,	American Unitarian Association.
United Ireland,	Thomas J. Conaty.
Universalist Quarterly,	S. D. Harding.
Watchman,	Publishers.
Wheelman,	Edward F. Tolman.
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.

# R E P O R T

OF THE

## COMMITTEE ON THE BUILDING.

---

*To the Directors of the Free Public Library :*

The Committee on the Building begs leave to report that it has spent during the past year \$1,002.55 for repairs, furniture, &c.

Of this amount about \$450 was paid out for new floors laid during the summer, throughout the main story of the library building, \$118.98 for a new sewer, and \$53.63 for shelving.

For a record of sums of money spent for coal and wood, gas, water and insurance on the boiler, under the supervision of this committee, reference is made to the report of the Finance Committee.

It is believed by the Building Committee that the building is now in excellent condition, but the committee at the same time recognizes the fact that several hundred dollars will have to be expended yearly in keeping it in repair.

It asks \$400 for this purpose the coming year, intending out of this sum to save money enough to paint the outside of the building and the roof.

It is necessary to make the coming year an extraordinary expenditure for shelving. \$600.00 is required for this purpose.

With this amount of money it is believed that the whole of the upper story may be made ready for the storage of books.

The needs of the coming year for gas, coal and wood, water and insurance of the boiler will be similar to those of the past year.

SAMUEL D. HARDING,  
WM. DICKINSON,  
S. A. PORTER,

*Members of the Building Committee.*



# REPORT

OF THE

## COMMITTEE ON FINANCE.

---

*To the Directors of the Free Public Library :*

The Committee on Finance herewith submit the financial statements of the Free Public Library and the Green Library Fund for the year ending November 30, 1883.

The present amount of the Green Library Fund is \$40,404.97; an increase from the previous year of \$519.67.

The appropriation by the city last year was \$13,401.02, and the receipts from the dog money, so called, were \$2,609.57, making the total resources \$16,010.59, and the expenditures were exactly \$16,010.59, as appears by the detailed statement of the same.

The expenditures were all necessary and economically made, a larger sum could have been judiciously expended; owing to the large expenses required for repairs of the building, and the preparation and printing of the catalogue, the amount applicable to the purchase of books was much reduced.

An expenditure of \$600.00 for shelving, of the same amount for binding catalogues, and of \$400.00 for the Reading Room will be required during the coming year, in addition to the amount ordinarily required, as appears in the estimate of the expenditures which are herewith submitted for your approval.

The Committee have carefully examined the securities in the charge of William S. Barton, Esq., the City Treasurer, and his account of receipts and disbursements, all of which they have found correct, and they desire to renew their expression of the obligation to him for his courtesy, as well as their appreciation of his valuable services.

FRANCIS H. DEWEY,  
SAMUEL D. NYE,  
JONAS G. CLARK,

*Finance Committee.*

## CITY APPROPRIATION.

*Financial Statement for the year ending November 30, 1883.*

## RESOURCES.

City appropriation,	\$13,401 02
Dog money,	2,609 57
	<hr/>
	\$16,010 59

## EXPENDITURES.

Binding,	\$817 35
Printing lists of additions,	222 58
Other printing and charging slips,	102 76
Freight, postage stamps, expressage, and minor running expenses,	312 66
Paper for covering books and stationery,	56 86
Postal cards for notices to delinquents,	28 88
Cards for cataloguing,	27 30
Repairs, furniture, brushes, &c.,	948 92
Coal and wood,	329 46
Gas,	902 97
Water,	71 92
Salaries of assistants,	2,959 62
Salary of librarian,	2,500 00
Wages of janitor and messenger,	600 01
Additional library service,	1,005 84
Insurance,	81 25
Cataloguing,	433 80
Shelving,	53 63
Printing catalogue,	1,892 93
Books,	2,661 85
	<hr/>
	\$16,010 59

FRANCIS H. DEWEY, }  
 SAMUEL D. NYE, } *Finance Committee.*

# THE GREEN LIBRARY FUND.

The income for the year ending November 30, 1883, is as follows :

Interest on notes secured by mortgages,	\$1,386 08	
Dividends on bank stock,	363 50	
Bank tax refunded,	129 46	
Dividends on savings bank deposits,	134 83	
Interest on deposits in banks,	64 81	
		<hr/>
		\$2,078 68
Of this income one-fourth has been added to the permanent fund,	\$519 67	
The balance to fund for purchase of books,	1,559 01	
		<hr/>
		\$2,078 68

## STATEMENT OF THE PERMANENT FUND.

	Nov. 30, 1882.	Nov. 30, 1883.
Notes secured by mortgage,	\$27,776 00	\$22,451 00
Bank stock, at par,	7,300 00	7,300 00
Deposits in savings banks,	1,309 32	10,653 99
Deposits in national banks,	3,500 00	
	<hr/>	<hr/>
	\$39,885 32	\$40,404 99

## STATEMENT OF BOOK ACCOUNT.

Balance on deposit December 1, 1882,	\$1,599 94	
Received from income of permanent fund,	1,559 01	
Interest on deposits in bank,	32 27	
	<hr/>	
		\$3,191 22
Expended for books during the year,		929 34
		<hr/>
Balance on deposit November 30, 1883,		\$2,261 88

FRANCIS H. DEWEY, }  
 SAMUEL D. NYE, } *Finance Committee.*  
 JONAS G. CLARK, }

# REPORT OF THE TREASURER

## OF THE

# READING ROOM FUND.

---

JAMES E. ESTABROOK, *Treasurer*, in account with the Reading Room Fund of the FREE PUBLIC LIBRARY :

1882.	DR.		
	Balance of cash as per last report,	\$310 30	
1883.			
Dec. 1.	To interest on City Bonds to date,	300 00	
"	" " Mortgage notes,	260 00	
"	" " U. S. bond,	20 00	
"	" " Money in Savings Bank,	4 00	
		<hr/>	
			\$894 30
1883.	CR.		
Dec. 1.	By cash for subscriptions to newspapers and periodicals to date,	\$972 81	
	Stationery, postage and money orders,	6 03	
		<hr/>	
			\$978 84
1883. Dec. 1.	Balance due Treasurer,		84 54
The Reading Room Fund is invested as follows :			
	City of Worcester bonds,	\$5,000 00	
	Mortgage notes,	5,000 00	
	U. S. four per cent. bond,	500 00	
	Money in Worcester Savings Bank,	200 00	
		<hr/>	
	Total amount of fund,		\$10,700 00

Respectfully submitted.

JAMES E. ESTABROOK.

*Treasurer.*

Examined and approved.

F. H. DEWEY,  
SAMUEL D. NYE, } *Finance Committee.*  
JONAS G. CLARK, }

# REPORT

OF THE

## BOARD OF HEALTH.

---

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

The work of the Board of Health increases year by year. In 1881, the number of visits of inspection, upon complaints received at the office, was about fifteen hundred. In 1882 it was eighteen hundred, and in 1883 it has risen to more than two thousand. As most of this work is to be done in the warm season of the year, from June to October, it must be evident that the regularly appointed inspector of the Board cannot accomplish it. The Board, therefore, at this season, for the past two years, have employed an assistant inspector, for a limited time, and at no great expense to the City. The number of weeks he has been engaged this year was twelve.

If one inspection, and one notification in each case, were sufficient to accomplish the abatement of the nuisance, this step would, perhaps, be unnecessary. In a large number of cases, however, from two to five or six visits are required, before the case is disposed of to the satisfaction of the Board. This work is largely done by the assistant inspector. It is useful and necessary, in order to prevent frequent and irritating litigation, and also to leave the regular inspector free, to attend to new complaints, adjust differences, and give a certain number of hours each day to the work of the office, and the reception and filing of these complaints. It is his duty also, to direct the work of his assistant.

No form of contagious or epidemic disease has prevailed in the City for the past year. By close watching, and improved



sanitation, malaria has virtually disappeared. Zymotic diseases, like typhoid fever, diphtheria, erysipelas and the like, have been kept within the limit which naturally belongs to a city and a community like ours. They will always be present, but they must not be allowed to exceed that limit, and to this end a large part of the work of your Board is naturally directed.

The condition of tenement-houses in the city has, for the last two or three years, attracted the earnest attention of the Board. In the main, we believe that they are as good, and fit for occupancy, as can be found in most cities. In some districts they are wholly bad. No very urgent action has, however, hitherto been taken in regard to them, because of the scarcity of tenements to shelter the inhabitants. We believe now, that this plea cannot longer prevail. That large numbers of decent, clean, cheap houses, have been provided, and that the time has come to enforce the rules of the Board touching this important subject. After a thorough examination, those that are not found to be tenantable and healthy, will be vacated and closed up.

In March of last year the Board of Health effected a contract with Willard F. Pond, to remove night soil and the contents of cesspools, by the odorless process, in the day-time. This plan has been in operation nearly a year. It was a new departure, and a total change from the old method. It has caused some friction, and given rise to complaints. We expected it would. No such radical change could be introduced without it. Formerly individuals could drive hard bargains with the irresponsible men that did this work, and have it done for very cheap rates. Now the price is fixed by the Board. All are served alike, as nearly as possible, and the work is neatly, quietly and promptly done. We are satisfied that the present plan grows in favor with the public, and when the points of objection are knocked off, and smoothed over, no one, we think, will wish to go back to the old cart and bucket, odorous and filthy night plan. The work has been well done in the main, we are pretty sure of that. The trouble has been in the prices charged. But the Board have this entirely in their hands, and new and satisfactory arrangements have been or soon will be made. The prices for the work

as they have ruled last year, are below those in any other city, where the same kind of work is done.

The subject of privies, drains, and cesspools, still remains the most annoying and troublesome of any with which we have to deal. More complaints come to the office from it than from all other causes put together. Last year they numbered two hundred and forty. This year the number has increased to four hundred and forty, and is still on the rise. It seems at times, as if the whole time and force of the Board was expended upon this one source of nuisance and complaint. How shall we deal with it? This year the Rule of the Board, requiring all owners of estates abutting on streets in which a public sewer has been established, to enter that sewer, has been firmly, but not rigidly, enforced. One hundred and twenty-one such entries have been made, by order of the Board, and one hundred and twelve privies in consequence have been definitely abolished. This is a good work, well begun. We hope at the end of the present year to report a very much larger number. Cesspools are as bad, or worse, than privies. They dispose of house drainage of all kinds, by soakage into the ground, they are not in most cases trapped, they give rise to nauseous odors, and poisonous gases, which work back through the drains into the houses, a prolific source of sickness and suffering. They infect the soil through which their contents pass, and thus render it unhealthy in their immediate vicinity, and also, in the premises of the neighbors on every side. They are covered up, and out of sight, doing their deadly work without a chance for examination or remedy. Often it is not until the surrounding soil has become choked with sediment, and refuses to receive more, and the foul contents overflow upon the surface, that their location is discovered and attention called to them.

The removal of house offal has been effected most thoroughly and satisfactorily, by the frequent visits of the teams to all parts of the City within their range. Last year your Board advised that several districts, not included, but which imperatively needed this service, be brought within their scope. This has been done this year, and has worked well, and now nearly every part of the

city, which requires it, is satisfactorily served. The manner in which this most important service is done meets our highest approval. We could not do it better if it was in our own hands, as it ought to be. The weekly visits are made with great regularity. The work is done quietly and neatly. The drivers are civil, steady, industrious men. The tanks are clean, making no nuisance in the streets, by odors or leakage, and even the horses seem to take an interest, and a seeming pride in the work. The removal of dust, ashes, and sweepings, remains where it was last year, in the hands of no one and subject to no control. It is matter for the most part not offensive, or dangerous to the public health. When however it includes decayed fruits and vegetables, and the sweepings of foul yards and cellars, it is, in a measure, both offensive and dangerous. If your Board could be authorized to establish and maintain a dump, the deposits could be inspected and regulated, the offensive matter properly scattered and covered up, and the aggregate of the whole material serve some useful purpose in filling up waste and unhealthy places, instead of being deposited here and there, over the whole city, at the option of the drivers of carts and job wagons. Your Board would again call the attention of the city authorities to this subject. It should be under the charge of some responsible department of the city work, or it will soon become dangerous to the public health.

Whatever subject touches the comfort, happiness and well-being of our citizens, interests the Board of Health, as well as the question of health. Cleanliness, it has been said, comes next to Godliness. There is no place yet provided where the people can bathe, in the hot dusty months of summer, without running a risk of trouble from violation of the city ordinances. This is not as it should be. Bathing in violation of law is neither joyous, healthy or sanitary. We may set it down as a rule, that the community will bathe, if not with law, then against it. But why subject them to this burdensome responsibility? They may walk, or run, or drive, or ride, and even coast, and bicycle, with no one to molest. They are even assisted and protected in all these exercises of health and joy. Why should they not bathe and

swim with equal freedom and under the same assistance and protection. What father is there among us who would not rather his boy should swim, with ease and strength and confidence, than to drive his clipped nag, with reckless pace, over the avenue, or, dressed up like a Guy, roll his dangerous bicycle through the streets of a crowded city? The inland cities of the West are far ahead of us in this most important subject. Many of them have established free public baths, regulated by the authorities, under the superintendence of the officers of health, or the Board of Public Works, open at all proper hours, and enjoyed as we shall see below, by all classes of the citizens, both men and women.

In the city of Milwaukee, report of 1880, from June 11th to September 15th, thirty-one thousand eight hundred and sixty-four bathers, of both sexes, enjoyed the delight and the fun and the health afforded by the free use of the public baths. No danger was incurred, no breach of decorum or of public order was noticed, and the authorities were unanimous in recommending their continuance and extension. Such a number clearly and forcibly indicates that free public baths are demanded by the people. In the heart-rending account of the loss of the steamer City of Columbus, we notice that those that could swim were saved, and that only those that could swim were instrumental in saving the lives of others, and we also notice that of all the sufferers not one woman was saved! Had they been taught to swim, can any one doubt, that some of them at least would not have gone to the bottom? With a safe and properly secluded place provided, teachers of this most graceful and healthy accomplishment would appear in numbers according to the demand, and classes of swimmers would be as popular as classes of botany, or music, or dancing. On each side of our beautiful city, ponds of clear, sweet, healthy water are to be found, owned by proprietors liberal and public spirited. They are easy of access by public conveyances and are sufficiently retired from the public gaze to be available for this purpose. We would recommend that the experiment be tried, in a proper, but at first, inexpensive way, confident that in the end, permanent and even luxurious public baths will be demanded by our citizens.



The importance of public parks and gardens cannot be over-estimated in a city like ours. It is built mostly in a valley, between the hills. It has not that broad expanse of field and plain, that gives large exposure of air and sunshine. For this very reason it must have open free tracts of land, wherever they can be secured, for the breathing spaces of the pent-up public. We cannot have a Central Park, like New York, or a Prospect Park, like Brooklyn. We have not the ground or the millions of money to compass them. But we can have on every side the breathing spaces and the little lakes, and the groves, and flower-gardens which we need. Our little Elm Park is a model in its way. Under the guiding hand of one public spirited, enterprising man, it has grown already beyond the stage of a necessity, and has become a public luxury, a perfect oasis in the desert of crowded, dusty streets. One deficiency however it has. Let us see to it in time that the parks of the future have not the same defect. It has no play-ground for the children. Turn your eyes in whatever direction you choose, and where are the grounds, upon which the energetic, go-ahead boy, pent up in school through the whole week, is free to go, for his boisterous, rough but manly games and sports. If he tries them on private grounds or open lots, he is ordered off with threats of the law, garnished with forcible and damaged English. If he tries them in the streets or upon the public squares a portly official in blue coat and brass buttons, sternly orders him to move on! Where then is he to go? His play is his life, he must have it, he cannot develop into strength and beauty and well balanced manhood without it. The pale, slender, brain-developed boy of the city stands but a poor chance in the race of life. In the survival of the fittest he is not one of the fit. The first touch of the frost, of disease, or adversity, withers him up and he passes away. He is an annual, not a perennial plant. Is it the school system, and the demands of society that kills off the girls by thousands? Is it not in a great measure the want of a chance to run, and play, and scream, in their own sweet way, in places where they know they have the right to go and develop the rosy cheeks, the infinite grace, the rounded form, and perfect womanly beauty which by nature belongs to them?



There is at present no fear for their minds. We are in the midst of a kind of educational craze, when or where it will end the wisest do not know.

The dangers to the public health from the defective plumbing and ventilation and drainage of houses, continues to interest the attention of your board. A code of regulations, touching these most important points has been made, but not yet adopted. These with a more thorough inspection of tenement-houses, will, we are confident, work out a better and safer condition of things.

The condition of the Pine Meadow swamp, Lincoln brook, the open sewer below Franklin street, and the Southbridge street nuisance has been brought to your attention in our former reports. We have nothing new to say about them. The proper authorities, we are pleased to notice, have them earnestly in hand. Much of the work this year, has been aimed toward their improvement and final abatement.

The rules and regulations of this board should be revised and re-printed. Many that have been adopted to meet the exigencies that continually arise, and others that have for the same reason been changed, do not stand in a public and tangible form. They therefore do not attract attention, and perhaps are not generally understood. The work of the Board for the year is classified as follows: Visits of inspection, upon complaints filed at the office, two thousand; nuisances abated, six hundred and fifty-five; cases brought to court and punished by fine, five; sewers entered by order of the board, one hundred and twenty-one; privies abolished, one hundred and twelve; general filthiness, thirty-seven cases; drainage on the surface of the ground, thirty-four; foul privies, three hundred and eighty; foul cesspools, twenty-eight; foul drains, fourteen; foul catch-basins, three; burying night soil upon premises, thirteen; foul barns, twenty-one; foul cellars, nineteen; filthy courts, alleys and yards, twenty-eight; bad and defective plumbing and drainage, fifty; swine removed, sixteen; sewer gas in houses, nine; water in cellars, seven; dead animals removed, four; over-crowded tenements, three.

The receipts and expenses of the board for the year may be found in the Auditor's report, in detail.

The number of deaths in the city for the year has been thirteen hundred and eighty. This includes all that were found dead, and all the still-born. Certificates of the disease, age and locality in every case, have been made out and signed by the Board of Health, before the burial took place. Our death-rate still remains low—about two per cent.

We acknowledge with gratitude the kindness of the Mayor, and his valuable advice and assistance in the many perplexing cases, which must of necessity arise. To the Clerk of the Board of Overseers of the Poor and to the Superintendent of the City Farm, our thanks are due, for their valuable help on all occasions. And to the Police Department for their prompt and cheerful response to every call we have made upon them.

Respectfully submitted.

RUFUS WOODWARD,	}	<i>Board of Health.</i>
HENRY GRIFFIN,		
F. C. THAYER,		

# R E P O R T

## OF THE

### SUPERINTENDENT OF PUBLIC BUILDINGS.

---

CITY OF WORCESTER, Jan. 10, 1884.

*To the Honorable City Council:*

GENTLEMEN—In compliance with Chap. 48, Sec. 3, of the City Ordinances, I have the honor to submit the following report.

#### NEW BUILDINGS.

New police sub-station, Lamartine street. Work upon this building was commenced in October, 1882, and was completed and dedicated February 26, 1883.

The cost of this building together with the cost of the new hose house, the cost of which is included in the amount charged to Police Department, is as follows:—

#### HOSE HOUSE, HOSE 7.

George S. Clough, contract,	\$4,960 00
“ “ “ Extra,	104 60
Curbing extra cellar window,	6 00
Grading,	73 95
Sewer,	90 00
Paving,	99 63
	\$5,334 18

New cell building and alterations and repairs of old building used by Hose No. 7.

#### CELL BUILDING.

P. L. Paquette, contract, mason work,	\$1,155 00
Less cementing and plastering left off,	139 58
	\$1,015 42

## CARPENTER WORK.

G. S. Clough, contract,	\$250 00
Henry Mellen, cementing,	115 75
Sheathing in place of plastering,	54 88
C. H. Baldwin, contract, plumbing,	230 00
H. C. Fish, iron work, contract,	392 00
James Draper, sewer, contract,	80 00
John Kenney, painting, contract,	65 00
Thomas Smith, grading, &c.,	191 60
“ “ Digging foundations,	16 95
Gravel,	19 00

---

\$2,430 60

## REPAIRS AND ALTERATIONS, OLD BUILDING.

Carpenter repairs, stock and labor,	\$1,040 40
Plumbing “	93 99
Mason “	280 51
Fencing lot,	286 68
Painting fence,	83 00
“ Building,	122 61
Paving and concreting,	29 36
Heating apparatus, contract :	
Worcester Steam and Gas Pipe Works,	\$825 00
Extra brick work and hot water connections,	18 84
Repairs of water pipe,	15 48
H. C. Fish, iron grating windows,	60 75
Clark, Sawyer & Co., lamps, brackets, &c.,	40 12
“ “ “ Paper hanging,	37 63
“ “ “ Whitening,	20 25
C. S. Kendall & Co., speaking tubes,	20 23
Cleaning building,	17 88
Advertising,	7 75
Mats, &c.,	27 23
Coal,	122 48

---

Total repairs old building, \$3,150 19

Furniture and bedding,	\$591 90
Cell building,	2,430 60
Hose house,	5,334 18

---

Total cost, \$11,506 87

A temporary police sub-station has been constructed at Lake Quinsigamond at a cost of \$176.00.

## WINSLOW STREET SCHOOL-HOUSE ADDITION.

By order of the City Council of March 5, 1883, an addition of six rooms has been built upon the Winslow street school-house, which was originally designed for an addition of four rooms, which would have given more yard room, which is now somewhat cramped, and I would recommend the putting in of a bank wall on the easterly side for the purpose of making additional yard room.

The estimated expense was \$16,000.00, and the cost has been as follows :

Jeremiah Murphy, Contract,	\$13,900 00
“ “ extra cost of foundations on account of Lincoln Brook Sewer, and moving sewer,	215 73
Extra carpenter, stock and labor,	90 00
Extra mason work,	56 58
Plans and specifications,	300 00
School furniture, including seats, teachers' desks, clocks, chairs, &c.,	1,131 77
Heating apparatus, 3 Barstow Furnaces,	575 00
Engineering,	8 91
Advertising,	7 12
Insurance,	16 25
Gas piping,	31 62
Grading,	78 76
Hack hire,	2 00
Total,	<hr/> \$16,413 64

*Note.*—The sum of \$1,800.00 paid for brick, Winslow street, and \$3,046.40, Millbury street, ordered by the order of the City Council, and charged to contractor, appears as revenue upon the Auditor's books, increases the apparent cost of the Winslow street addition to \$18,213.64, and the Millbury street house to \$26,892.42, that amount.

## MILLBURY STREET SCHOOL-HOUSE.

In compliance with the order of the City Council of March 19, 1883, a school-house of eight rooms has been built upon land owned by the city on Millbury street, at the junction of Quinsigamond avenue, Cambridge and Millbury streets. The estimated cost of \$24,000.00, and the cost has been as follows :

Addison Palmer, contract,	\$19,343 00
“ “ fencing lot,	260 00
Plans and specifications,	300 00



Grading, including rock excavation,	1,268 93
School furniture, including seats, teachers' desks, clocks, chairs, &c.,	1,482 05
Heating apparatus, 4 No. 6 Barstow furnaces,	747 00
Sewer and connections,	325 40
Engineering,	48 31
Advertising,	11 75
Service pipe, Worcester Water Works,	28 10
Concreting,	17 50
Hack hire,	6 00
Insurance,	6 00
Trucking,	1 75
Total cost,	<hr/> \$23,845 79
Cost of brick and freight, as noted,	\$4,846 40
Cost of land,	8,000 00
Total,	<hr/> \$12,846 40

Of which there has been taken and enclosed for school-house lot 52,664 feet, leaving a balance of 47,000 feet for other uses, or sale.

#### BUILDING FOR THE STORAGE OF GASOLINE, ON DEWEY STREET.

A building for the storage of gasoline has been built upon land purchased by the city on Dewey street, near Tufts street, and the barn upon the lot has been moved to the rear of the lot and fitted up as a repair shop, and for the storage of lanterns, &c.

The cost has been as follows :

J. D. Morton, contract,	\$765 00
Grading lot,	150 05
Painting,	65 00
Eaves troughs,	14 95
Advertising,	2 50
Engineering,	8 50
Hitching posts,	2 00
Moving barn,	60 00
Re-laying foundation walls,	42 75
Carpenter's stock and labor,	98 12
Total cost of building,	<hr/> \$1,208 97
Cost of land,	825 00
Total	<hr/> \$2,033 97

## ARMORY.

The Armory building, after having been condemned for drill purposes by a commission of experts, and by the Adjutant General, is still being used to a limited extent for drill purposes for the want of other suitable accommodations, and I earnestly recommend that early action be taken for providing suitable accommodations for the two Infantry companies and Battery.

There has been expended :

For Repairs of all kinds,	\$90 46	
Janitor,	52 08	
Gas,	185 61	
Coal,	93 47	
Water rates,	25 00	
Removing ashes,	4 00	
	<hr/>	
Total,		\$450 52

## CITY HALL.

The repairs needed upon the City Hall are the painting of the outside, a new floor upon the police office, in addition to the ordinary repairs.

The cost of repairs and other expenses have been as follows :

The plumbing having become a source of complaint and annoyance, has been thoroughly renovated, at a cost of	\$329 94	
The court room and offices connected, have been put in good condition, at a cost of	659 00	
Expended for repairs of steam,	169 64	
Miscellaneous repairs,	585 56	
	<hr/>	
Making a total of		\$1,665 34
For New carpets, Council Chambers and Ante rooms,	\$597 80	
Varnishing desks, rails and chairs,	34 50	
4 new roll top desks,	275 00	
Book case, Water office,	55 00	
Miscellaneous repairs of furniture, &c.,	160 98	
Janitor,	600 00	
Coal,	542 25	
Gas,	912 76	
Brooms, mats, brushes, &c.,	74 22	
Removing ashes,	34 00	
Telephone service,	72 00	
Ice,	9 72	
	<hr/>	
Total,		\$5,033 57

## CITY BARN AND STABLES.

By the removal of the small building formerly used by the Street Lighting Department for the storage of gasoline, the Highway Department will have better accommodations for storage, &c.

The amount expended for repairs upon stables has been,	\$10 68
--	---------

## CITY HOSPITAL.

All the City Hospital buildings are in good condition and require no extraordinary expenditures the coming year.

There has been expended for repairs of buildings and steam apparatus, the sum of	\$593 86
--	----------

## FREE PUBLIC LIBRARY.

A new birch floor has been laid over the entire main floor of Library, at a cost of	\$447 82
A new sewer has been put in, at a cost of	118 98
And there has been expended for ordinary repairs,	368 00
	<hr/>
Making a total of	\$934 80

## FIRE DEPARTMENT BUILDINGS.

The several buildings in charge of the department are in good condition, and several of them have received a much needed coat of paint. A large portion of the smaller ordinary repairs, including painting, are being done by the permanent men of the department.

The amount expended for the ordinary repairs of buildings has been,	\$982 16
---	----------

## CITY FARM BUILDINGS.

The several buildings at the City Farm are in good repair.

A shed for the storage of wagons, sleighs, &c., is much needed, and I would recommend the painting of one or more of the buildings the present year.

A new ice house has been built, at a cost of	\$449 07
And there has been expended for repairs of all kinds,	1,808 37
For repairs of house offal building,	38 06
Repairs of steam pipe, offal building,	20 75
	<hr/>
Total,	\$2316 25

## SCHOOL-HOUSES.

The several school-buildings are in good repair, there having been many needed repairs done during the year. The Burncoat School-house has been slated, the Blithewood School-house has been shingled, Belmont School-house has been painted inside, old part, Ledge St. has been painted inside in part, new sewers have been built at East Worcester new and old houses, Providence and Salem Sts., City water has been put in all the rooms at Lamartine St., the boilers at the High School have been repaired and patched, and I recommend that they be replaced by two five-foot boilers of the same length as the old, with 80 tubes each, there not being heating capacity enough to properly heat the two buildings in severe cold weather, and that where the steam and return pipes cross the street, the space be enlarged so that the pipes can be repaired without digging up the street.

The following are the amounts expended for the different items:

For Slating Burncoat School-house,	\$106 25
“ Shingling Blithewood School-house,	104 27
“ Painting Belmont St. School-house, inside, old part,	114 95
“ Other painting, various schools,	405 54
“ New sewers, East Worcester, 2 houses,	255 36
“ New sewers, Providence St.,	58 05
“ Repairs of sewers, Dix and Woodland Sts.,	56 83
“ Repairs of sewers,	62 06
“ City water, Lamartine St.,	149 15
“ Other plumbing repairs,	222 64
“ Repairs of boilers, High School,	280 52
“ Other steam and gas repairs,	244 08
“ Mason repairs,	386 02
“ Repairs of slate,	246 82
“ Lumber,	381 16
“ Hardware,	318 74
“ Trucking and removing ashes,	379 56
“ Carpenter's labor,	2,257 42
“ Repair of clocks,	250 00
“ Miscellaneous items,	88 20
Total,	\$6,267 62

For taking up and digging well at Tatnuck,	\$45 00
“ Same at North Pond,	35 00
“ Cleaning wells,	8 00
	<hr/>
	\$88 00

## NEW SCHOOL FURNITURE AND REPAIRS OF OLD FURNITURE.

There has been purchased and put in new single school desks in seven rooms, at a cost of	\$1,142 36
12 Primary desks and 4 back seats,	30 00
55 High School desks, 2nd hand,	124 74
4 Teacher's desks,	85 00
26 Drawing stands for Drawing School,	156 00
1 Bookcase,	25 00
5½ Doz. teacher's chairs,	108 50
6 Clocks,	22 50
19 Small tables,	69 50
Making over old double desks, four rooms, and repairs of school furniture,	391 54
	<hr/>
Total,	\$2,155 14
For Repair of stoves, pipe and furnaces,	\$1,169 64
“ Cleaning buildings,	754 00
“ Cleaning vaults,	130 00

ACCOUNT OF STOCK IN SHOP AND STOREHOUSE, 36 SCHOOL STREET,  
SCHOOL DEPARTMENT, NOVEMBER 30, 1883.

250 ft. $\frac{3}{4}$ in. Birch lumber,	\$7 50
500 ft. $\frac{7}{8}$ in. Pine sheathing,	17 50
75 ft. $\frac{7}{8}$ in. Spruce boards,	1 35
65 ft. $\frac{7}{8}$ in. Matched pine boards,	1 62
250 ft. $\frac{7}{8}$ in. Hard pine boards,	11 25
150 feet 2 in. Pine plank,	6 75
100 ft. $\frac{7}{8}$ in. Whitewood boards,	4 00
140 ft. $\frac{7}{8}$ in. Ash,	5 60
35 ft. $\frac{7}{8}$ in. Black walnut,	4 20
300 Desk tops, birch,	30 00
350 Spruce pickets,	10 50
25 Primary school desks,	56 25
16 Primary back seats,	28 80
2 Small bookcases,	12 00
86 Old double desks, Miller pattern,	64 50
40 Old double desks,	30 00
6 Back seats, small,	4 50
1 Table,	3 00
4 New tables,	14 00



40 High-school desks,	100 00
4 Settees, old,	7 00
10 Chairs, old,	5 00
1 12-ft. Ladder,	1 50
2 Spread ladders,	2 00
2 Hopper closet bowls,	2 00
3 Sinks, iron,	4 50
1 Pair steps,	1 25
4 Shovels,	3 20
1 Crowbar,	1 25
1 Tamping iron,	50
1 Scythe and Snath,	87
1 Iron rake,	33
1 Iron pulley and 100 ft. 1 in. rope,	5 00
100 ft. Hemp rope,	3 00
4 Stoves, old,	2 00
8 Boxes glass, assorted sizes,	24 00
80 lbs. Putty,	3 20
450 lbs. White lead,	27 00
$\frac{1}{2}$ Barrel oil, 15 gallons,	9 00
$1\frac{1}{2}$ Gallons spirits turpentine,	90
100 lbs. Railroad paint,	6 00
4 Paint brushes,	2 00
$1\frac{1}{2}$ Tons coal,	8 00
$1\frac{1}{2}$ Barrels disinfectant, 300 lbs.,	24 90
$\frac{1}{4}$ Barrel lime,	70
1 Iron vise,	1 00
4 Clamps,	2 00
2 Hand screws,	80
2 Pair pipe tongs,	2 00
1 Glue pot,	50
1 Grindstone,	1 50
150 ft. $\frac{1}{2}$ in. Hose,	12 00
100 Key blanks,	10 00
5 Gate locks,	2 00
8 Cupboard locks,	2 00
100 Eraser blocks,	2 00
6 Doz. wardrobe hooks,	1 75
$\frac{3}{4}$ Doz. door knobs,	2 25
10 Pencil boards,	10 00
150 Gross screws,	45 00
25 Pairs hinges,	5 00
2 Small blackboards,	4 00
2 Hanks window cord,	2 50
1 Saw frame,	12 00
4 Saws,	3 00
3 Bench vises,	3 00

136 Ink well covers,	6 80
125 lbs. Old rubber,	5 00
1 Gallon blackboard dressing,	4 25
1 Gallon hard oil finish,	1 75
1 Gallon shellac,	2 50
2 Fountains,	20 00

Total,	<hr/> \$716 12
--------	----------------

## MATERIALS SOLD.

City Hall. Old carpet and mats,	\$30 00
Old iron,	5 64
School Department. Materials sold,	2 50
School-houses. Loam, gravel and stone sold,	330 20
	<hr/> \$368 34

Respectfully submitted.

C. 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 Foot.	Amount.	Total Value of Houses and Lots.	REMARKS.
High Street.....	Brick,	3	130 x 57	13	Good.	\$125,000	31,672	\$1 30	\$41,173	\$163,173	[ing Schools in this Building. Ward 1 ward-room and rooms for Evening Draw- Ward 2 ward-room in basement. Addition built [In 1831, 58 x 63, for six school-rooms. Hall in French roof and two school-rooms.
Walnut Street.....	"	3	70 x 50	6	"	20,000	9,487	1 30	12,333	32,333	
Belmont Street.....	"	2	92 x 90	15	"	45,000	31,440	25	7,860	52,860	
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	Hall in French roof and three school-rooms, and [Ward 4 ward-room in basement.  Two L's 52 x 21 each.
Woodland Street ..	"	2	69 x 41	4	"	10,000					
Lamarline Street....	"	2	96 x 60	12	"	37,500	48,040	20	9,608	36,668	
Washington Street..	"	2	50 x 30	2	"	7,000	7,188	60	4,313	9,813	
Ledge Street.....	"	2	96 x 60	12	"	30,000	40,670	20	8,134	38,134	L 40 x 33 and three school-rooms in French roof. Addition built in 1880, 46.6 x 36.6 for school-rooms. L 66 x 51.  Addition built in 1880, 38 x 24.8 for three school- [rooms.  L 51 x 33 and hall in French roof.  L 35 x 28.
Thomas Street.....	"	3	96 x 53	12	"	33,433	30,000	20	14,060	47,060	
Sycamore Street.....	"	2	75 x 52	8	"	20,000	23,468	75	9,468	29,468	
East Worcester.....	"	2	62 x 30	4	"	12,025	12,025	40	3,006	15,031	
East Worcester.....	"	2	62 x 30	4	"	15,000	9,060	50	4,530	19,530	L 40 x 33 and three school-rooms in French roof. Addition built in 1880, 46.6 x 36.6 for school-rooms. L 66 x 51.  Addition built in 1880, 38 x 24.8 for three school- [rooms.  L 51 x 33 and hall in French roof.  L 35 x 28.
Praviden Street....	"	4	62 x 30	8	"	18,000	58,000	50	29,000	47,000	
Grafton Street.....	"	2	64 x 52	4	"	15,000	24,897	15	3,794	18,734	
Grafton Street.....	Wood,	2	46 x 24	2	Fair.	2,000				2,000	
Ash Street.....	Brick,	3	59 x 51	6	Good.	3,500	13,400	30	4,020	17,520	L 40 x 33 and three school-rooms in French roof. Addition built in 1880, 46.6 x 36.6 for school-rooms. L 66 x 51.  Addition built in 1880, 38 x 24.8 for three school- [rooms.  L 51 x 33 and hall in French roof.  L 35 x 28.
South Worcester....	"	2	75 x 32	9	"	20,000	22,918	10	2,918	22,918	
Oxford Street.....	"	3	52 x 50	9	"	30,000	17,200	1 25	21,500	51,500	
Winslow Street.....	"	2	107 x 53	10	"	29,000	25,069	20	5,101	34,001	
Millbury Street....	"	2	78 x 62	8	"	24,000	52,664	10	5,266	29,266	L 40 x 33 and three school-rooms in French roof. Addition built in 1880, 46.6 x 36.6 for school-rooms. L 66 x 51.  Addition built in 1880, 38 x 24.8 for three school- [rooms.  L 51 x 33 and hall in French roof.  L 35 x 28.
Salem Street.....	"	2	62 x 50	4	"	12,000	12,555	40	5,022	17,022	
Edgeworth Street...	"	2	62 x 50	9	"	22,000	30,760	5	1,538	23,538	
New Worcester.....	"	2	62 x 36	4	"	9,000	14,900	15	2,235	11,235	
Summer Street.....	Wood,	2	51 x 48	5	Poor.	3,000	16,063	40	6,433	9,433	L 40 x 33 and three school-rooms in French roof. Addition built in 1880, 46.6 x 36.6 for school-rooms. L 66 x 51.  Addition built in 1880, 38 x 24.8 for three school- [rooms.  L 51 x 33 and hall in French roof.  L 35 x 28.
Quinsigamond .....	Brick,	2	75 x 32	6	Good.	20,000	34,500	15	1,725	21,725	
Quinsigamond .....	"	2	75 x 30	6	"	15,500	33,200	15	1,980	17,480	
Adriatic.....	"	2	63 x 51	6	"	13,000	25,000	10	2,500	15,500	
Union Hill.....	Wood,	2	38 x 28	4	Fair.	3,000				3,000	L 40 x 33 and three school-rooms in French roof. Addition built in 1880, 46.6 x 36.6 for school-rooms. L 66 x 51.  Addition built in 1880, 38 x 24.8 for three school- [rooms.  L 51 x 33 and hall in French roof.  L 35 x 28.
Tannock.....	Brick.	1	73 x 30	2	Good.	2,600	11,000	10	1,100	3,700	
Valley Falls.....	"	2	43 x 32	2	"	5,500	34,875	500	5,000	6,500	
Valley Falls.....	"	2	46 x 32	2	"	5,000	11,500	300	5,300	6,300	
Valley Falls.....	Wood,	1	28 x 22	1	Old.	6,600	29,440	100	100	6,700	L 40 x 33 and three school-rooms in French roof. Addition built in 1880, 46.6 x 36.6 for school-rooms. L 66 x 51.  Addition built in 1880, 38 x 24.8 for three school- [rooms.  L 51 x 33 and hall in French roof.  L 35 x 28.
Trowbridgeville....	"	1	30 x 25	1	"	500	4,988	600	75	375	
Blithewood.....	"	1	36 x 28	1	Good.	1,500	5,050	375	100	1,600	
Bloomington.....	Brick,	1	40 x 32	1	Fair.	3,000	14,000	200	3,200	3,200	
Adams Square.....	"	1	40 x 32	1	Good.	2,800	22,360	300	3,100	2,700	L 40 x 33 and three school-rooms in French roof. Addition built in 1880, 46.6 x 36.6 for school-rooms. L 66 x 51.  Addition built in 1880, 38 x 24.8 for three school- [rooms.  L 51 x 33 and hall in French roof.  L 35 x 28.
Burkecoat Plain....	"	1	31 x 28	1	"	2,500	21,500	200	2,700	2,700	
North Pond.....	Wood,	1	40 x 32	1	Fair.	1,600	20,300	300	1,900	1,900	
Chamberlain .....	"	1	38 x 22	1	"	1,200	21,780	100	1,300	1,300	
Lake View.....	"	1	44 x 30	1	Good.	1,600	15,684	400	400	2,000	
							\$666,600	23,389 acrs.	\$ 231,386	\$ 897,986	
											227

## ENGINE AND HOSE HOUSES.

NAME.	LOCATION.	No. feet in Lot.	REMARKS.
Gov. Lincoln, No. 1, 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.

City Hall, Armory, City Stable, Free Public Library, City Farm, Water Works Shop, City Shop, City Hospital, Police Station No. 2, Gasoline House, Building formerly occupied by 5th Battery, Salem Street.	Corner Front and Main Streets, Waldo Street, Salem Street, Elm Street, Boylston Street, Thomas Street, School Street, Hospital Street, Lamartine Street, Dewey Street,	Common 7,258 50,331 9,902  10,525 8,265 150,643 16,800	{ City Offices, Police Station and Police Court Room, Ward 7 ward room in this building. Ward 3 ward room in this building.
--	---	--	---

\*On School-house lot

# REPORT OF HOPE CEMETERY.



# COMMISSIONERS OF HOPE CEMETERY,

FOR THE YEAR 1884.

---

ALBERT CURTIS,	-	-	-	-	Term expires 1885.
ALBERT TOLMAN,	-	-	-	-	“ “ 1886.
WILLIAM BUSH,	-	-	-	-	“ “ 1887.
THOMAS M. ROGERS,	-	-	-	-	“ “ 1888.
ELIJAH B. STODDARD,	-	-	-	-	“ “ 1889.

---

## ORGANIZATION FOR THE YEAR 1883.

<i>Chairman,</i>	-	-	-	-	ALBERT TOLMAN.
<i>Secretary,</i>	-	-	-	-	STEPHEN SALISBURY, JR.
<i>Superintendent,</i>	-	-	-	-	WILLIAM BUSH.
<i>Assistant Superintendent,</i>	-	-	-	-	ALBERT CURTIS.

THIRTIETH ANNUAL REPORT  
OF THE  
COMMISSIONERS OF HOPE CEMETERY,  
FOR THE YEAR 1883.

---

*To Hon. Charles G. Reed, Mayor, and the City Council of the  
City of Worcester.*

The Commissioners of Hope Cemetery respectfully present their Thirtieth Annual Report of the Trust committed to their charge.

The past year has been marked with notable improvement in the general condition of the Cemetery and its belongings. Experience has taught the officers of the Commission many lessons since the grounds were first purchased by the city. Old methods have been abandoned and new ones have been adopted to the manifest advantage of the Cemetery. For many years such parts of the grounds as were best adapted for immediate conversion into lots with the smallest amount of grading and preparation were utilized, and only within the last ten years has the practical and comprehensive development of large areas been successfully carried out under the care and direction of an experienced foreman, who has had the service of competent laborers. The constant employment in this class of work, supplemented by a sufficient supply of horses, carts and tools, which are stored in the barns belonging to the Corporation, have accomplished results in all respects satisfactory to the Commissioners and to those interested in the Cemetery. The present force which is constantly employed from April to November is 15 men and three horses. It is now thought best to lay out new territory into

smaller sections than formerly and to make more frequent avenues for carriages in such a manner that there shall be no greater depth than three or four lots between the avenues, and to mark the bounds of the lots by stone posts, giving up the former passage-ways between lots and to provide more frequent carriage-ways. The use of iron and stone fences and turf borders is now discouraged as they occasion a large original expense and require constant outlay to keep them in condition. It is now the practice to grade new lots upon a level, or as nearly so as will comport with the general character of the section, and to mark the bounds by substantial stone posts, as the most enduring indications of their limits. The gutters upon many of the avenues have been paved with the stones saved in the process of grading, and thus the wear of the road bed will be greatly diminished. 540 feet of gutters have been laid on Chestnut avenue and 71 rods upon another new avenue. In the process of grading and reclaiming new land, large quantities of good loam from three inches to a foot in depth are taken, which is afterwards mixed with peat and forms the best kind of surface dressing.

#### REDEEMING NEW LAND.

The great work of the year has been the improvement of unused land upon the south and west. Upon the line of Webster street the natural grade has been raised five or six feet. Nearly an acre of ground has been thus treated. It has been filled with material taken from the land in front of the Tomb and a double purpose was thus accomplished. Prospect Hill upon the north side has been graded to a level and 70 lots have been there laid out. The grading on Juniper avenue now finished will furnish 150 lots and there is still one acre of land ready to be plotted into lots.

#### SOUTH SIDE.

Two and a half acres of the peat meadow upon the south has been cleared of wood, ditched and cleared of stumps and one acre has been seeded down. The ditching has helped the neighboring

land, and it is hoped that some part of the expense will be shared in consideration of the benefit. There have been drawn from this bog 1,500 loads of peat for use the coming season. It mixes well with loam and keeps it friable and moist, and it is found that grass receives a better nourishment from such a composition than from a dressing composed only of loam. By means of the ditches, the bog in the dry season will admit of the passage of carts, so that a sufficient supply for each season can be obtained. Enough of the bog to furnish a supply of peat for several years has already been ditched. By this means three or four feet in depth of peat has already been drained. It is possible to drain eight feet in depth at some future time, at which point a gravel bottom is met. Peat to become ready for use requires a year's exposure after being drawn out before it is in the best condition for use. Uprooted trees three or four feet from the surface are found in sound condition. The whole of the bog was burned over during the summer by the carelessness of those occupied in clearing neighboring land, and the safety of the Cemetery was much endangered besides burning two feet of peat belonging to the Cemetery.

The amount of uncollected bills for labor upon lots is \$378.40, most of which can be collected. The whole number of lots graded during the year is 114, and 506 have been cared for. The whole number of graves dug has been 420, of which 116 were for free burials. There has been expended \$850 on the land in front of the Tomb and bordering upon Webster street, and 30 new lots will be for sale in the Spring. 12 lots have been cared for from the income from the fund paid for their perpetual care. There are now about 5,000 feet of water pipes in use, and 500 feet more will be required for use upon the land fronting on Webster street. It is thought best to close the gates of the Cemetery at night to prevent intrusion and to protect the grounds from stray cattle and horses.

## VALUATION OF PROPERTY.

Appraisal Dec. 1, 1883,—

Tools, as per schedule,	\$176 15
3 Horses,	625 00
Carts, wagons and harnesses,	443 00

Hay, straw and miscellaneous,	194 00	
Turf on hand,	100 00	
		<hr/>
		\$1,538 15
Barn, shed and tool house,		950 00
Storehouse and office,		950 00
		<hr/>
Total,		\$3,438 15

## RECEIPTS AND PAYMENTS FOR 1883.

*Receipts—*

Balance from 1882,		\$377 48
Cash from W. S. Barton, Treasurer,	5,938 55	
“ for wood and timber sold,	111 35	
“ “ Labor and material used in grading and care of lots,	4,747 42	
“ “ Rent of land,	16 67	
“ “ Labor on City Hospital ground,	324 50	
		<hr/>
		\$11,138 49
		<hr/>
Total,		\$11,515 97

*Payments—*

For Hay, grain, &c.,	\$286 73
Lumber for repairs,	57 25
Surveying,	71 25
Work with teams,	85 50
Telephone,	36 00
Tools and repairing,	275 15
Powder for blasting,	7 35
Printing reports, &c.,	54 17
Chapleau's bill, wagons, &c.,	193 90
Thomas Brosnan, stone posts,	390 15
Shoeing horses,	33 98
Turf and sods,	337 50
Shrubs and trees,	103 67
Carpenter work,	67 46
Iron stakes, Rice & Barton,	52 50
Cement and lime,	7 20
Repairs, wagons and carts,	12 00
1 Horse,	250 00
Paints and painting,	52 34
City water bill,	40 00
Sash for hot beds,	12 40
Baskets,	10 00
Coal,	7 00
Repairs of water pipes,	7 08



For City directory,	2 00	
Manure,	22 70	
Sundries,	17 20	
Labor, as per monthly pay roll,	5,938 55	
Extra laborers,	141 16	
	<hr/>	\$8,572 19
Cash to City Treasurer,		2,350 00
Balance in hands of Commissioners,		593 78
		<hr/>
Total,		\$11,515 97

The project of building a house for the foreman within the grounds has been somewhat considered. It has commended itself as a protective measure in providing for better care and oversight of the premises at all times, thus ensuring to proprietors of lots a security against wanton injury, while thereby suitable quarters could be provided for the foreman. This subject will hereafter be considered more maturely.

The foreman has been authorized to do special work for the owners of lots and to receive pay therefor to be accounted as general receipts. If owners would generally avail themselves of this opportunity the appearance of the grounds would be much improved. The plan of uniformity in grading lots adopted in 1878 has been made retroactive as far as practicable, and old lots are being remodelled to conform to the new method. Mr. F. A. Barnes, the foreman of the Cemetery, has been appointed special policeman, to the advantage of the good order of the Cemetery.

In behalf and by order of the Commissioners.

STEPHEN SALISBURY, JR.,

*Secretary.*

WORCESTER, January 31, 1884.

## CITY TREASURER'S REPORT.

*To the Commissioners of Hope Cemetery :*

GENTLEMEN—The undersigned presents herewith a brief statement of receipts and payments, on account of Hope Cemetery, during the last financial year, and of the several balances carried forward, on the books of the Treasurer, at the close of business, November 30, 1883.

### BALANCES DEC. 1, 1882, VIZ. :

Savings Bank deposits, general account,	\$8,000 00
“ “ “ special account,	850 00
Cash on deposit,	2,007 46
	<hr/>
	\$10,857 46

### RECEIPTS DURING THE YEAR, VIZ. :

Proceeds of 85 lots sold,	\$3,243 00
Revenue from W. Bush, Commissioner, grading, &c.,	2,350 00
Deposits, for perpetual care of six lots,	550 00
Dividends on Savings Bank deposits,	322 00
Interest on bank deposits,	21 66
	<hr/>
	\$6,486 66
Total,	<hr/>
	\$17,344 12

### PAYMENTS DURING THE YEAR, VIZ. :

Labor, &c., as per pay rolls,	\$5,938 55
	<hr/>
	\$5,938 55

### BALANCES NOV. 30, 1883, VIZ. :

Savings Bank deposits, general account,	\$8,000 00
Special deposits, perpetual care of 15 lots,	1,400 00
Cash on deposit,	2,005 57
	<hr/>
	\$11,405 57
Total,	<hr/>
	\$17,344 12

Respectfully submitted.

WM. S. BARTON,  
*City Treasurer.*

WORCESTER, MASS., Dec. 10, 1883.

# REPORT

## OF THE

### COMMISSIONER OF HIGHWAYS.

---

*To the Honorable City Council of the City of Worcester :*

As required by an Ordinance of the City, I herewith present the annual report of the expenditures and earnings of the Highway Department for the year ending November 30th, 1883, including a schedule of the property in charge of the same at that date. In addition to ordinary repairs, a new bridge has been built at Jamesville, at a cost of \$4,603.88.

#### BLOCK PAVING.

Appropriation,	\$5,000 00
Expended,	3,962 00
	<hr/>
Balance unexpended,	\$1,038 00

#### FRONT STREET.

The order for paving Front street, from the old location of the railroad tracks across the Common, to Main street, has been executed, and the cost of the material and labor is \$3,962.00.

#### CURB STONE, GUTTER AND CROSSWALKS.

The following amount of work has been done at the expense of the City:—

Amount of new curb set,	11,831.4 lineal feet.
“ “ curb reset,	1,384.2 “ “
	<hr/>
Total number of feet set,	13,215.6

Amount of new gutter paving,	5,218.7 square yards.
“ “ gutter paving relaid,	631.6 “ “
“ “ new crosswalk,	642.1 “ “
“ “ crosswalk relaid,	344.2 “ “
<hr/>	
Total amount of paving laid,	6,836.6
Amount of new flagstone,	2,031.7 lineal feet.
“ “ flagstone relaid,	185.2 “ “
<hr/>	
Total amount of flagstone laid,	2,216.9
Number of street corners,	34

The location and cost of the above work is as follows :

FRUIT STREET.	
West side, from Elm street to Cedar. Expense,	\$323 71
MOUNT PLEASANT STREET.	
West side, from Benefit street to Allen street. Expense,	294 63
KING STREET.	
West side, from Shepard street 112 feet southerly. Expense,	107 09
PENN AVENUE.	
East side, from Grafton street to Ætna street. Expense,	1,257 48
FOSTER STREET.	
South side, against the estate of H. H. Bigelow. Expense,	89 46
JEFFERSON STREET.	
South side, from Vernon street to Providence street. Expense,	48 30
UNION AVENUE.	
South side, from Ward street to Vernon street. Expense,	689 87
LAGRANGE STREET.	
East side, from Main street to Beacon street. Expense,	667 23
CHANDLER STREET.	
North side, from Newbury street to Piedmont street, and on the South side from Piedmont street to Queen street. Expense,	1,278 96
QUEEN STREET.	
West side, from Jaques avenue to the Colton estate. Expense,	217 20
WYMAN STREET.	
East side, from Main street to Hollis street. Expense,	902 99
WACHUSETT STREET.	
West side, from Dix street to Highland street. Expense,	565 66

## HOME STREET.

North side, from Wachusett street to North Ashland street. Ex-	
pense,	598 88

## SEVER STREET.

West side, from Elm street to a point opposite the south line of the	
Worcester Agricultural Society's grounds. Expense,	345 06

## WOODLAND STREET.

East side, from May street to King street. Expense,	1,079 33
---	----------

## JAQUES AVENUE.

South side, from Queen street to the west side of City Hospital	
entrance. Expense,	242 01

## PIEDMONT STREET.

West side, from Jaques avenue to Davis street. Expense,	539 76
---	--------

## HARRINGTON AVENUE.

South side, from Lincoln street to Channing street. Expense,	450 72
--	--------

## HANOVER STREET.

West side, from Belmont street to Kendall street. Expense,	604 24
--	--------

## GLEN STREET.

Both sides, from Edward street to Liberty street. Expense,	1,043 92
--	----------

## MAIN STREET.

Webster square, in front of the estate of John H. Coes. Expense,	200 69
--	--------

## PLEASANT STREET.

North side, from Sever street to North Merrick street. Expense,	258 32
---	--------

## CASTLE STREET.

South side, in front of the estate of L. Gates. Expense,	120 46
--	--------

## CROSSWALKS.

Main street at Gardner street,	\$19 17
Main street at Norwood street,	22 47
Main street at May street,	71 08
Main street at Kilby street,	28 41
Main street at Crystal street,	81 34
Jackson street at Main street,	33 66
Mulberry street,	58 07
Foster street at Summer street,	167 29
Water street at Harrison street,	79 29
Southbridge street at Washburn street,	69 98
Claremont street at Woodland street,	74 59



Woodland street at May street,	80 89
Woodland street at school-house,	57 40
Mechanic street at Church street,	38 14
Mechanic street at Church street,	33 20
Oxford street at Pleasant street,	12 96
Millbury street at Endicott street,	47 70
Vernon street at Union avenue,	328 70
Prescott street near Garden street,	57 60
Piedmont street at Pleasant street,	110 98
Channing street at Catharine street,	58 24
Union street at Salisbury blocks,	276 46
Shrewsbury street at Hill street,	45 30
King street at Shepard street,	54 56
Belmont street at Fountain street,	105 48
Water street at Fox street,	61 97
Vernon street at Union avenue,	51 17
Ward street at Union avenue,	51 95
Portland street,	65 62
Relaying gutter, paving, and resetting curbstone on sun- dry streets,	428 98
Patching sundry walks,	184 05
Advertising for proposals for paving,	69 00
Engineering,	196 85
Damages to persons and property,	1,914 88
Total expense,	<u>\$16,963 40</u>

Appropriation for curbstone, gutter and crosswalks,	\$20,000 00
Expended,	<u>16,963 40</u>
Balance unexpended,	\$3,036 60

#### MAINTENANCE.

The expenses for repairing streets, roads, bridges, street cleaning, breaking out roads and Macadamizing, are as follows:—

New bridge built at Jamesville,	\$4,603 88
Repairs on sundry bridges,	298 76
Street cleaning,	4,904 03
Snow and ice,	5,501 08
Incidental labor,	<u>2,562 74</u>
	\$17,870 49

## 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:—

Prescott	street,	\$3,309 32	Millbury	street,	\$1,821 41
Garden	"	585 41	Shrewsbury	"	1,188 14
Lincoln	"	299 70	Grove	"	257 07
Trumbull	"	331 59	Southbridge	"	392 80
Temple	"	922 29			
Ashland	"	410 61	Total for Macadamizing, \$10,768 26		
Portland	"	1,249 92			

## REPAIRS ON STREETS AND ROADS.

Austin	street,	\$53 45	Castle	street,	23 16
Arch	"	27 50	Cecil	"	39 80
Allen	"	15 27	Douglas	"	37 10
Ararat	"	23 30	Dix	"	17 10
Auburn place,		33 50	Davis	"	28 25
Bailey	street,	42 05	Dryden	"	10 95
Brooks	"	53 15	Elm	"	196 20
Burncoat	"	87 04	East Central	"	231 00
Belmont	"	118 45	Exchange	"	26 80
Bloomington	"	504 10	Edward	"	104 50
Beacon	"	51 76	Edgeworth	"	79 55
Barclay	"	49 35	Fowler	"	41 50
Brattle	"	79 60	Foster	"	171 00
Blithewood	"	21 60	Forest	"	13 10
Boylston	"	266 85	Franklin	"	133 00
Ballard	"	268 60	Fox	"	18 60
Bridge	"	71 50	Fulton	"	14 95
Benefit	"	33 05	Fruit	"	7 25
Bellevue	"	8 52	Fremont	"	19 05
Boynton	"	13 45	Grove	"	1,449 68
Byron	"	15 55	Green lane,		100 95
Bradley	"	6 15	Grafton	street,	833 42
Cambridge	"	69 76	Grand	"	96 75
Catharine	"	48 15	Granite	"	25 15
Canterbury	"	494 61	Grosvenor	"	58 80
Chandler	"	235 46	Gardner	"	168 30
Central	"	73 60	Holden	"	50 80
College	"	69 70	Hanover	"	123 35
Claremont	"	8 55	Hammond	"	157 65
Channing	"	46 75	Harrison	"	25 10
Crescent	"	41 40	Harrington	"	113 95
Cliff	"	5 81	Hollywood	"	37 35
Chester	"	36 85	Highland	"	276 07
Chatham	"	62 85	Hermon	"	39 00
Charlton	"	16 92	High	"	38 90
Crown	"	89 80	Houghton	"	33 80
Columbia	"	33 80	Irving	"	25 40
Chestnut	"	133 95	John	"	47 10
Congress	"	15 46	James	"	20 00
Carroll	"	28 35	Jo Bill road,		14 25

Jackson street,	40 79	Quinsigamond avenue,	212 25
Jaques avenue,	17 50	Queen street,	54 35
Kendall street,	53 95	Russell "	49 00
King "	226 33	Richards "	46 55
Leicester "	1,414 31	Rice court,	11 80
Lincoln "	668 86	Sever street,	316 80
Lee "	14 25	Southbridge "	639 67
Lafayette "	249 45	Shrewsbury "	290 95
Lamartine "	118 20	Salisbury "	715 72
Laurel "	174 70	Spring "	38 55
Lovell "	16 50	School "	54 15
Langdon "	18 96	Suffolk "	23 20
Lexington "	34 57	Stafford "	108 14
Loudon "	38 10	State "	25 15
Main "	1,908 99	Sigourney "	34 40
Millbury "	475 20	Sargent "	20 80
May "	314 40	Salem "	107 15
Mountain "	77 75	Sycamore "	16 92
Mechanic "	40 45	Silver "	25 90
Mulberry "	105 00	Southgate "	138 22
Moreland "	53 75	Salem square,	80 45
Milton "	10 95	Sutton lane,	220 85
Merrick "	99 40	Sundry streets,	719 86
Maywood "	33 00	Thomas street,	121 20
Newton "	16 50	Union "	405 20
North "	76 65	Union avenue,	15 20
Newbury "	61 70	Vernon street,	760 28
Normal "	8 55	West Boylston "	1,411 17
North Ashland "	12 40	Washington square,	38 15
Nashua "	15 55	Winter street,	11 30
Oread "	49 52	William "	240 60
Oak "	35 10	Webster "	857 18
Oxford "	33 80	Woodland "	15 80
Oakland "	10 15	Water "	138 55
Providence "	133 39	West "	247 92
Paxton "	199 46	Washington "	176 45
Park avenue,	515 34	Wade "	18 30
Pleasant street,	277 05	Walnut "	13 10
Piedmont "	11 00	Webster square,	26 75
Pearl "	95 50		
Park "	56 34		
Penn avenue,	90 40	Total for repairs on	
Prospect street,	15 70	streets and roads,	\$24,693 68
Portland "	18 65		
Patch "	13 40	Total for Maintenance,	\$53,332 43

## EXPENDITURES.

Salary of Commissioner,	\$1,700 00
Labor, as per pay roll,	51,725 05
" " " hired teams,	15,151 92
" " " breaking roads,	9 51
" " " sundry persons,	4,692 22
Hay and grain,	5,196 76
11,858 3-12 lineal feet curbstone,	4,507 31
2,748 3-12 lineal feet flagstone,	1,099 82
6,146½ tons crushing stone,	2,889 39

## REPORT OF COMMISSIONER OF HIGHWAYS.

457

Wall stone and gravel,	1,098 76
55 street corners,	149 50
371,950 bricks,	4,081 80
Cobble stones,	190 56
2,265 8-10 square yards paving blocks,	3,625 28
Tools and repairs,	2,171 72
Repairs on engine and crusher,	576 43
Shoeing,	488 34
Lumber,	1,054 33
Paving,	3,428 90
Rolling stock,	814 28
Live stock,	560 00
Engineering,	1,123 65
Fuel, water, oil, &c., used at crusher,	270 15
Drain pipe, cement, powder and fuse,	87 08
Advertising, writing, printing and stationery,	517 02
Maintaining water troughs,	23 00
Use of land for storage,	12 50
Water at stables,	25 00
Fuel and lights at stables,	85 38
Blankets, robe, medicines at stables,	64 58
Harnesses at stables,	98 50
Hacking, traveling expense, &c.,	11 30
Damages allowed for injury to persons and property,	2,222 82
Order of transfer to Street Construction,	7,000 00
Total expenditures,	<u>\$116,753 06</u>

## RECEIPTS AND EARNINGS.

## APPROPRIATIONS.

Maintenance,	\$60,000 00
Block paving,	5,000 00
Curbstone, gutter and crosswalks,	20,000 00
	<u>\$85,000 00</u>

## STREET CONSTRUCTION.

Blackstone street,	\$198 40
Cambridge street,	1,541 30
Downing street,	267 10
Jaques avenue,	645 12
Mill street,	9,213 16
North Merrick street,	614 27
Park avenue,	2,009 76
Summer street,	1,822 55
Woodland street,	213 02
Wall street,	188 70
	<u>\$16,713 38</u>

## SIDEWALKS.

There have been laid 117 brick walks and driveways for private parties on the following named streets, covering an area of 6,364 3-10 square yards, using 314,923 bricks.

Jefferson street,	\$779 15
Fruit street,	314 92
Mount Pleasant street,	333 50
King street,	112 03
Lagrange street,	647 07
Home street,	504 13
Harrington avenue,	361 97
Penn avenue,	1,050 92
Union avenue,	457 43
Sever street,	414 49
Hanover street,	538 81
Wachusett street,	406 13
Wyman street,	1,125 00
Woodland street,	1,055 78
Glen street,	257 25
Chandler street,	387 21
Pleasant street,	267 03
Castle street,	120 79
	<hr/>
	\$9,133 61

## FOR LABOR AND MATERIAL FURNISHED.

City Hall,	\$34 00
School Department,	220 30
Water Department,	144 90
Sewer Department,	4 50
Pauper Department,	24 00
City Hospital,	240 25
Sundry persons,	6,423 33
	<hr/>
	\$7,091 28

Total receipts and earnings,	\$117,938 27
------------------------------	--------------

## REVENUE.

Collections 1883 :	
Sidewalk assessment,	\$9,226 90
Street construction,	16,713 38
Labor and material,	7,759 50
	<hr/>
	\$33,699 78



Uncollected bills Dec. 1st, 1883 :

Sidewalk assessment,	\$2,572 04	
Sundry bills,	1,039 93	
	<hr/>	\$3,611 97

## SCHEDULE

Of real and personal property in charge of the Highway Department, November 30, 1883.

## REAL ESTATE.

50,331 feet land on Salem street,	\$16,609 25	
Stables, sheds and stone-crushing building,	10,450 00	
Land on Pleasant street, 1 acre,	100 00	
Land at Quinsigamond Village, 2½ acres,	225 00	
Gravel pit, near Paxton,	10 00	
	<hr/>	\$27,394 25
Total for real estate,		

## PERSONAL PROPERTY.

Stone crusher, engine, &c.,	\$1,820 00	
Live stock,	5,412 50	
Rolling stock,	2,440 00	
Harnesses, &c.,	748 00	
Hay, grain, &c.,	975 00	
Tools,	1,375 10	
Stone, bricks, sand,	2,763 98	
Lumber,	313 00	
	<hr/>	\$15,847 58
Total for personal property,		

In conclusion I would recommend that Main street, from School street to Lincoln square, be re-paved with small granite blocks. There are about 5,400 square yards and the expense would be about \$12,000. That part of Main street is in very poor condition and should be paved as soon as possible. To name any other streets that need to be paved would be repeating

what has been recommended by former commissioners. All new streets ordered to be constructed by the City Council have been completed except North Merrick street and Wall street. By order of the Highway Committee a Champion road machine was purchased early in the season and has done so good service in cleaning gutters of snow, also in repairing graveled roads, that the Committee deemed it advisable to buy a second road machine. I desire to thank the Committee on Highways for their kindness and support in the discharge of my duties during the year.

Respectfully submitted.

L. B. STONE,

*Commissioner of Highways.*

WORCESTER, December 31st, 1883.

REPORT  
OF THE  
CITY SOLICITOR.

---

*To the City Council of the City of Worcester :*

I have the honor to submit the following annual report :—

There are pending in Supreme Judicial Court the following cases in which the city is defendant :

1. *Wm. Dickinson v. City of Worcester.*

A petition for *certiorari* to quash the decree assessing the petitioner for sidewalk on Belmont street.

2. *Paul Whittin Manufacturing Co. et al. v. City of Worcester.*

Bill in equity to enjoin the City against pumping water at New Worcester. At a hearing before the Court in Boston, injunction was refused. The case remains on the docket, but I presume will be dismissed at the next term.

3. *Charles D. Morse v. City of Worcester.*

Bill in equity to restrain the City from polluting Blackstone river by its sewage. This case raises the question whether the city has the right, under the statute of 1867, authorizing it to appropriate Mill Brook and other brooks in the city to sewage purposes, to empty its sewage into those brooks, if the effect is to create a public or private nuisance in Blackstone River. This is much the most important cause pending against the city. A hearing has been recently had upon the question of arranging for a trial of the issues of fact. It is now expected that certain undisputed facts may be agreed on which will raise questions of

law lying at the foundation of the case. I have thought it for the interest of the city to have those questions of law disposed of in the first instance. If the view of the city, that the statute of 1867 authorizes the acts of the city, even though those acts result in creating a nuisance in the river, should be adopted by the court, the decision would dispose of the case. But if, on the other hand, the court should hold that the plaintiff may, if he can, prove that the failure of the city to purify the sewage by some method of treatment, before emptying it into the river, is a want of such due and reasonable care as the city is bound to take, in such case the question of fact will have to be tried either before a jury or before some other tribunal.

The following cases in which the city is a party are pending in the Superior Court in this County :

1. *Frank E. Lancaster v. City of Worcester.*

Petition for damages to business by laying out Foster street.

2. *Wm. Dickinson v. City of Worcester.*

Petition for revision of betterment assessments on Foster street.

These two cases have been delayed, owing to various causes, principally because counsel for petitioners held the office of Mayor for one year. They will be disposed of the present term.

3. *Worcester Gas Light Co. v. City of Worcester.*

Petition for revision of betterment assessment on Quinsigamond Avenue. At the trial the jury reduced the assessment a little over one hundred dollars.

4. *Deborah C. James v. City of Worcester.*

Suit for damages to land by Lynde Brook flood in 1876.

5. *Benj. James, Assignee, v. City of Worcester.*

Suit for damage to personal property by the same cause.

The following are the cases pending against the city for damages to mill owners on the Blackstone River, caused by pumping water from Tatnuck Brook in the year 1876.

These cases were heard before an auditor in the summer of last year, and he reported certain details, but made no findings

on the questions of liability or amount of damages. The cases are to be assigned for trial at the March term of the Superior Court.

6. *The Franklin Savings Bank v. City of Worcester.*
7. *The Mannville Company v. City of Worcester.*
8. *The Albion Company v. City of Worcester.*
9. *Pardon Jencks et ali. v. City of Worcester.*
10. *Charles Felix Mason et ali. v. City of Worcester.*
11. *E. B. Sampson et al. v. City of Worcester.*
12. *The Dexter Yarn Co. v. City of Worcester.*
13. *Pardon Jencks et al. v. City of Worcester.*
14. *Alfred H. Littlefield v. City of Worcester.*
15. *The Stafford Manufacturing Co. v. City of Worcester.*
16. *Bathshebe Benedict v. City of Worcester.*
17. *Bridge Mills Leather Mfg. Co. v. City of Worcester.*
18. *The Central Falls Woolen Co. v. City of Worcester.*
19. *The Lippitt Woolen Company v. City of Worcester.*
20. *Social Mfg. Co. v. City of Worcester.*
21. *The Hamlett Mill v. City of Worcester.*
22. *Peter H. Brown v. City of Worcester.*
23. *The Paul Whittin Mfg. Co. v. City of Worcester.*
24. *Geo. A. Flagg v. City of Worcester.*
25. *The Lonsdale Company v. City of Worcester.*
26. *The Blackstone Mfg. Co. v. City of Worcester.*
27. *C. D. Morse v. City of Worcester.*
28. *The Saunders Cotton Mills v. City of Worcester.*
29. *Pawtucket Hair Cloth Co. v. City of Worcester.*
30. *Joseph T. Green v. City of Worcester.*
31. *Groton Manufacturing Co. v. City of Worcester.*
32. *J. M. Danielson, Assignee, v. City of Worcester.*
33. *Sutton Manufacturing Co. v. City of Worcester.*
34. *American Worsted Co. v. City of Worcester.*



35. *Valley Falls Company v. City of Worcester.*
36. *The Cordis Mill v. City of Worcester.*
37. *J. H. Mumford, 2nd, et ali. v. City of Worcester.*
38. *Harris Woolen Company v. City of Worcester.*
39. *Darius Goff v. City of Worcester.*
40. *Peter Simpson v. City of Worcester.*
41. *The Clinton Manufacturing Company v. City of Worcester.*
42. *The Atlanta Mills v. City of Worcester.*
43. *H. D. Fisher et ali. v. City of Worcester.*
44. *Peter Simpson et ali. v. City of Worcester.*

There are of these cases thirty-nine in all. A large majority of the estates which are alleged to have been injured by the pumping are situated in Rhode Island.

The following are other cases pending in the Superior Court for this County :

45. *City of Worcester v. Barre.*

Action to recover for the support of the wife of Geo. W. Gates in Lunatic Hospital. The question involves the construction of a statute and will be argued at the next term of the Supreme Judicial Court for law business.

46. *John M. Barker v. City of Worcester.*

Action for damage by falling on ice on Main street. Verdict for the defendant and exceptions pending in the Supreme Judicial Court.

47. *James Grogan v. City of Worcester.*

Action for damages caused by defective railing on Lamartine street.

48. *City of Worcester v. Thomas Sheedy.*

Action to recover the amount of a judgment recovered by Mrs. Putnam on account of a defective condition of Belmont street caused by the defendant.

49. *Mary Butler v. City of Worcester.*

Action to recover for damages caused by a fall on Lincoln street at the corner of Linwood place.

50. *James F. Woodcock v. City of Worcester.*

Action to recover for damages caused by a fall on Main street at the corner of Sycamore street.

51. *Maria P. Haven v. City of Worcester.*

Action to recover for damages caused by a fall on Linwood place.

52. *Abbie R. Parsons v. City of Worcester.*

Petition for damages for raising Chandler and Irving streets.

53. *Jeremiah Hennessy v. City of Worcester.*

Petition for damages for raising the grade of Central street.

54. *Chas. A. Hoppin v. City of Worcester.*

Action for damages caused by a fall from a staging upon a building of the City.

55. *Benjamin Wedge v. City of Worcester.*

Petition for land damages occasioned by widening Cambridge street.

56. *Joseph Dusenbury v. City of Worcester.*

Same as the last.

The notices in the last two cases have not been served on the City.

57. *John Joyce v. City of Worcester.*

Action for injury sustained while at work on Cambridge street sewer.

58. *Frank A. Chilson v. City of Worcester.*

Action for damages caused by a fall on Maple street.

In the Circuit Court of the United States for this Circuit is pending the case of *Jeremiah Driscoll v. City of Worcester.*

This is a bill in equity by patentees of a process of laying cement pavement in sections, to compel an account, &c., for infringing said patentee's patent. The alleged infringement relates to work done by Mr. A. B. Lovell, around the High School building, the Soldiers' Monument and in the Police Station.

Respectfully submitted.

FRANK P. GOULDING,

*City Solicitor.*

WORCESTER, January 28, 1884.

# APPENDIX.

---

## GOVERNMENT AND OFFICERS

OF THE  
CITY OF WORCESTER,  
FOR 1884.

---

MAYOR.  
CHARLES G. REED.

### ALDERMEN.

- Ward 1.—†JOHN G. BRADY.  
“ 2.—\*SAMUEL A. PORTER.  
“ 3.—†ANDREW ATHY.  
“ 4.—\*CHARLES F. RUGG.  
“ 5.—†JOHN R. THAYER.  
“ 6.—\*OTIS WARREN.  
“ 7.—†CALEB COLVIN.  
“ 8.—\*WILLIAM L. CLARK.

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 1886.

†Term Expires 1885.

## COMMON COUNCIL.

*President.*—EDWARD O. PARKER.      *Clerk.*—S. HAMILTON COE.

Ward 1.—†Pembroke S. Rich,      Ward 5.—\*John Timon,  
                   \*Henry C. Wheaton,                      †William S. O'Brien,  
                   \*Charles Greenwood.                      \*Patrick J. Quinn.

Ward 2.—†William F. Dearborn,      Ward 6.—†John W. Plaisted,  
                   †Moses D. Gilman,                      †Wm. F. Bancroft,  
                   .\*William W. Scott.                      \*Arthur M. Stone.

Ward 3.—†William J. Ratigan,      Ward 7.—†Edward O. Parker,  
                   \*John B. O'Leary,                      \*Arthur E. Dennis,  
                   \*John B. Gallagher.                      \*Wm. H. Crawford.

Ward 4.—†John J. O'Gorman,      Ward 8.—†Benj. W. Childs,  
                   †John J. White,                      †William J. Estey,  
                   \*James Early.                      \*Geo. C. Whitney.

## JOINT STANDING COMMITTEES.

*On Finance.*—The Mayor, Aldermen Athy and Porter, the President of the Council, Councilmen Timon, Dearborn and Stone.

*On Claims.*—The Mayor, Aldermen Thayer and Porter, the President of the Council, Councilmen Timon, Bancroft and Stone.

*On Water.*—The Mayor, Aldermen Brady and Warren, the President of the Council, Councilmen Childs, White and Dennis.

*On Sewers.*—The Mayor, Aldermen Athy and Colvin, the President of the Council, Councilmen Dearborn, O'Leary and Estey.

*On Fire Department.*—Aldermen Porter and Brady, Councilmen Gilman, Crawford and O'Brien.

*On Education.*—Aldermen Rugg and Warren, Councilmen Wheaton, Greenwood and Gallagher.

*On Printing.*—Aldermen Colvin and Clark, Councilmen Bancroft, O'Brien and Whitney.



*On Lighting Streets.*—Aldermen Athy and Colvin, Councilmen O'Gorman, Rich and Wheaton.

*On Highways and Sidewalks.*—Aldermen Clark and Rugg, Councilmen Plaisted, White and Rich.

*On Charities.*—Aldermen Colvin and Rugg, Councilmen O'Brien, Greenwood and Scott.

*On Military Affairs.*—Aldermen Thayer and Warren, Councilmen Scott, O'Leary and Early.

*On Public Buildings.*—Aldermen Brady and Thayer, Councilmen Estey, Plaisted and Quinn.

*On Ordinances.*—Aldermen Thayer and Brady, Councilmen Crawford, Whitney and Quinn.

*On Public Works.*—The Mayor, Aldermen Brady, Athy, Clark and Porter, the President of the Council, Councilmen Childs, Dearborn, Gilman, Plaisted and O'Gorman.

*On Mayor's Inaugural and Unfinished Business.*—Aldermen Warren and Rugg, Councilmen Greenwood, Scott and Early.

#### STANDING COMMITTEES OF THE BOARD OF ALDERMEN.

*On Assessments for Sewers.*—Aldermen Colvin and Athy.

*On Assessments for Street Betterments.*—Aldermen Rugg and Clark.

*On Enrollment.*—Aldermen Clark and Athy.

*On Bills in Second Reading.*—Aldermen Warren and Brady.

*On Elections and Returns.*—Aldermen Porter and Clark.

#### COMMON COUNCIL.

*On Bills in Second Reading.*—Councilmen Dennis, Whitney and Early.

*On Enrollment.*—Councilmen Wheaton, Crawford and Quinn.

*On Elections and Returns.*—Councilmen Gilman, Rich and Gallagher.

## CITY SOLICITOR.

FRANK P. GOULDING.

Office, No. 398 Main Street ; Residence, 44 Harvard Street.

## TREASURER AND COLLECTOR.

WILLIAM S. BARTON.

Office, No. 6 City Hall ; Residence, 23 High Street.

## ASSESSORS.

Lyman A. Ely, *Chairman*. Josiah P. Houghton, *Secretary*.

Lyman A. Ely, 3 years. Thomas Talbot, 2 years.

Josiah P. Houghton, 1 year.

Office, No. 12 City Hall.

## ASSISTANT ASSESSORS.

Ward 1.—Isaac N. Metcalf,	Ward 5.—James R. O'Hara,
" 2.—Samuel E. Staples,	" 6.—Henry C. Rawson,
" 3.—John W. Foley,	" 7.—Jonathan Luther,
" 4.—John Smith,	" 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.

LUCIAN A. TAYLOR. Office, No. 5 City Hall.  
Residence, 6 Edward Street.

## WATER REGISTRAR.

GEORGE E. BATCHELDER. Office, No. 5 City Hall.  
Residence, 96 Austin Street.

## REGISTRARS OF VOTERS.

E. H. Towne, *Chairman*. Richard Matthews, *Clerk*.  
Josiah P. Houghton.

## COMMISSIONERS OF HOPE CEMETERY.

Albert Tolman, *Chairman*. Elijah B. Stoddard, *Secretary*.  
William Bush, *Superintendent*.  
Albert Curtis, *Asst. Superintendent*.

Elijah B. Stoddard, 5 years.

Thomas M. Rogers, 4 years. Albert Tolman, 2 years.  
William Bush, 3 years. Albert Curtis, 1 year.

## COMMISSIONERS OF SHADE TREES AND PUBLIC GROUNDS.

Edward Winslow Lincoln, *Chairman and Secretary*.  
Stephen Salisbury, Jr., 3 years.  
O. B. Hadwen, 2 years. Edward Winslow Lincoln, 1 year.

## COMMISSIONERS OF SINKING FUNDS.

Samuel Woodward, *Chairman*. Edward L. Davis, *Secretary*.  
William S. Barton, *Treasurer*.  
Samuel Woodward, 3 years.  
Edward L. Davis, 2 years. Henry A. Marsh, 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*.  
Benjamin Walker, 3 years.  
Albert Curtis, 2 years. Chas. B. Pratt, 1 year.

DIRECTORS OF THE FREE PUBLIC LIBRARY.

Francis H. Dewey, *President*.  
James E. Estabrook, *Sec'y and Treas.*  
Adin Thayer, } 6 years. Chas. M. Lamson, } 5 years.  
George Swan, }  
Jonas G. Clark, } 4 years. Samuel A. Porter, } 3 years.  
F. H. Dewey, }  
Wm. A. Williams, } 2 years. Thomas J. Conaty, } 1 year.  
Samuel D. Nye. }  
Wm. Dickinson, }  
Samuel S. Green, *Librarian*.

BOARD OF HEALTH.

Rufus Woodward, *Chairman*. James C. Coffey, *Clerk*.  
Henry Griffin, 2 years.  
Rufus Woodward, 1 year. James C. Coffey, 1 year.

SCHOOL COMMITTEE.

CHARLES G. REED, *ex-officio, President*.  
A. P. MARBLE, *Superintendent and Secretary*.

Office, No. 464 Main Street.

Members whose term expires January, 1887.	Members whose term expires January, 1886.	Members whose term expires January, 1885.
John N. Emerson,	Geo. F. Thompson,	Austin P. Cristy,
Forrest E. Barker,	Edwin H. Hill,	Charles M. Lamson,
Denis Scannell,	John J. Casey,	Eugene M. Moriarty.
M. J. P. McCafferty,	John J. McCoy,	John B. Cosgrove,
Thomas J. Conaty,	Richard O'Flynn,	George C. Reidy,
W. C. Young,	Henry S. Knight,	Alzirus Brown,
Kate C. Taft,	Emerson Warner,	Henry L. Parker.
Joseph F. Lovering.	Edward B. Glasgow.	George Swan.

## 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.

CHARLES G. REED, *Mayor.*A. P. MARBLE, *Superintendent of Schools.*AMOS ATKINSON, *City Marshal.*

HENRY E. FAYERWEATHER, }  
 MICHAEL J. ENGLISH, } *Truant Officers.*

## CITY MARSHAL.

AMOS ATKINSON. *Office, City Hall.**Residence, 90 Canterbury Street.*

## FIRST ASSISTANT MARSHAL.

FRIEWALDAU C. THAYER. *Office, City Hall.**Residence, 7 Oread Place.*

## SECOND ASSISTANT MARSHAL.

JAMES K. CHURCHILL. *Office, City Hall.**Residence, 88 Park Street.*

## CAPTAIN OF NIGHT POLICE.

DAVID A. MATTHEWS.

## PATROLMEN.

Andrews, Osman.

Colby, R. M.

Austin, W. E.

Collins, Patrick.

Barker, George V.

Cummings, Thomas.

Bullock, Sylvanus G.

Deady, M.

Chandley, G. B.

Diggins, P.

Cogger, A. Francis.

Doherty, Martin.



Drohan, W. N.	Maloney, J. M.
Eaton, E. H.	March, A.
Fairbanks, E.	Mathews, R. F.
Farr, John R.	Matson, A. P.
Finneran, Wm.	McCarthy, D.
Foley, Daniel.	McLane, J. J.
Foley, M. J.	Mecorney, H. H.
Flint, J. H.	Mooney, N. J.
French, C.	Moore, Patrick T.
Garland, Chas. A.	Myers, Wm.
Goggin, David.	O'Connell, James P.
Green, M. S.	O'Connell, M. J.
Grealish, S. H.	O'Connor, J.
Hacker, M.	O'Day, John E.
Hanson, Chas. R.	O'Day, P.
Harper, A.	O'Sullivan, John.
Herbert, J. A.	Piper, Wm. A.
Hogan, Patrick.	Ramsdell, Wm. R.
Howe, Wm. J.	Ranger, S. W.
Hubbard, M. J.	Ratican, P. E.
Hurley, Thomas.	Robinson, E. T.
Johnson, O. A.	Sampson, F. H.
Johnson, Wm. H.	Streeter, H. B.
Keefe, Dennis.	Sutton, Geo. F.
Killelea, T.	Tyler, E.
Lombard, E.	Walsh, M. J.
Lamb, M. B.	Ward, S. W.
Lawrence, W.	Warren, John W.
Legassy, J.	Whitney, Geo. H.
Makepeace, Joseph H.	Wood, William O.

## CONSTABLES FOR CRIMINAL BUSINESS.

Amos Atkinson.	Patrick O'Day.
Friewaldau C. Thayer.	Reuben M. Colby.
James K. Churchill.	W. W. Macomber.
David A. Matthews.	Sumner W. Ranger.
Henry E. Fayerweather.	Matthew B. Lamb.
William Hickey.	Emery Wilson.

## CONSTABLES FOR CIVIL BUSINESS.

Edward J. Russell,	Charles Marvin,
Theodore H. Bartlett,	Charles N. Hair,
Henry C. Rawson,	Daniel A. Hawkins,
Reuben Champion.	

## TRUSTEES OF THE CITY HOSPITAL.

Albert Curtis, <i>President</i> .	Stephen Salisbury, Jr., <i>Secretary</i> .
John R. Thayer, Alderman.	Stephen Salisbury, Jr., 4 years.
James C. Coffey, } Council-	Albert Curtis, 3 years.
Benjamin W. Childs, } men.	Joseph Sargent, 2 years.
Thomas H. Gage, 1 year.	

## OVERSEERS OF THE POOR.

Charles G. Reed, <i>President</i> .	George W. Gale, <i>Clerk</i> .
-------------------------------------	--------------------------------

CHARLES G. REED, Mayor,	{ <i>ex-officiis</i>
A. P. MARBLE, Sup't of Schools,	
AMOS ATKINSON, City Marshal,	
Members.	

J. Lewis Ellsworth and Oscar F. Rawson, 3 years.

Dennis C. Leonard and Alzirus Brown, 2 years.

James B. McMahon and Chas. B. Pratt, 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,	N. H. Chandler, S. Worcester.

## MEASURERS OF WOOD.

Silas Penniman, Lincoln Sq., Samuel Houghton, Salem Sq.,  
Wm. A. Barrows, N. Worcester, N. H. Chandler, S. Worcester,  
Alden Thayer, Pleasantville, Joseph Gates, Quinsigamond.

## SURVEYORS OF LUMBER.

Nahum R. Hapgood, George Hartwell, Thos. H. Hayford.

## 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, John S. Brigham.  
INSPECTORS, Noble E. Jaques, Herbert A. Currier,  
Herbert J. Russell.

Ward 2.—WARDEN, Rockwood Hoar. 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 W. Riordan, John W. Foley, John  
J. Toole.

Ward 4.—WARDEN, Patrick H. Carroll. CLERK, Theodore P.  
Fallon.  
INSPECTORS, Alexander Oswald, Francis M. Morrison,  
John Kelley.

Ward 5.—WARDEN, Nicholas McMahon. CLERK, John J. Evans.  
INSPECTORS, Richard F. Roche, John J. Dowd, Geo.  
H. Doherty.

Ward 6.—WARDEN, Jonathan C. French. CLERK, Willie C.  
Young.  
INSPECTORS.—S. Warren Stockwell, Samuel W. Cook,  
William Underwood.

Ward 7.—WARDEN, Edward I. Comins. CLERK, Lucius E. Eldred.  
INSPECTORS, John F. Adams, Thomas H. Hayford,  
Walter F. Bigelow.

Ward 8.—WARDEN, Chas. G. Parker. CLERK, Woodbury C.  
Smith.  
INSPECTORS, George H. Mellen, Edgar W. Warren,  
Charles S. Howe.

#### BOARD OF ENGINEERS.

Office, No. 10 Bigelow Court.

SIMON E. COMBS, *Chief*. WILLIAM BROPHY, *Clerk*.

William Brophy,	} <i>Assist. Engineers.</i>	{ Edwin L. Vaughn,
Geo. S. Coleman,		

## SALARIES OF CITY OFFICERS.

1884.

City Clerk and member of Board of Registrars of Voters . . . . .	\$2,000
City Treasurer and Collector . . . . .	2,700
City Engineer, to furnish his own team and his entire service to be given to the City . . . . .	2,200
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 . . . . .	1,500
Superintendent of Sewers, to furnish his own team . . . . .	1,700
Clerk of the Common Council . . . . .	400
Clerk of the Overseers of the Poor . . . . .	1,200
One Assessor and Chairman of the Board . . . . .	1,300
Two Assessors—each . . . . .	1,100
Assistant Assessors—each . . . . .	\$3.00 per diem.
Milk Inspector . . . . .	100
Sealer of Weights and Measures . . . . .	250
One Member of Board of Health . . . . .	700
One Member of Board of Health . . . . .	200
Chief Engineer of Fire Department . . . . .	1,200
First, Second, Third and Fourth Assistant Engineers—each . . . . .	250
Foremen of Companies—each . . . . .	175
Clerk of Board of Engineers . . . . .	150
Engineers of Steamers . . . . .	250
Assistant Engineers of Steamers . . . . .	250
Hosemen and Hook and Laddermen—each . . . . .	150
Assistant Foremen of Companies—each . . . . .	165



# APPROPRIATIONS,

FOR THE YEAR 1884.

---

Abatements and Discounts.....	\$56,800 00
Board of Health.....	1,800 00
City Hall.. ..	3,000 00
City Hospital.. ..	6,000 00
Fire Department.....	55,000 00
Fire Patrol.....	1,200 00
Free Public Library.....	12,000 00
Highways.....	60,000 00
Incidental Expenses.....	13,000 00
Interest .....	111,000 00
Interest on Sewer Loan.....	19,000 00
Lighting Streets.....	50,000 00
Pauper Dep't. (City Relief).....	17,000 00
Pauper Dep't. (Farm).. ..	15,000 00
Pauper Dep't. (House Offal).....	4,500 00
Pauper Dep't. (Truant School).....	1,500 00
Paving .....	20,000 00
Police Department .....	64,500 00
Public Grounds.....	7,000 00
Salaries.....	20,000 00
School Department.....	184,500 00
School Department. (Evening Schools).....	3,500 00
Sewers. (Construction).....	25,000 00
Sewers. (Maintenance).....	10,000 00
Sidewalks.....	20,000 00
Street Construction.....	15,000 00
Water Works. (Construction).....	35,000 00
	<hr/>
	\$831,300 00

