ANNUAL REPORT

OF THE OFFICERS OF THE

TOWN OF WATERTOWN,

FOR THE

YEAR ENDING JANUARY 31, 1884.

WATERTOWN:
FRED. G. BARKER, STEAM PRINTER.
1884.
POPULATION.

The whole number of inhabitants of Watertown, as per United States Census of 1880, was 5,426.

TOWN OFFICERS, 1883.

Selectmen, Overseers of the Poor and Appraisers.

OLIVER SHAW, Chairman. JAMES W. MAGEE.
JEREMIAH J. SULLIVAN, Clerk.

Town Clerk.
WM. H. INGRAHAM.

Town Treasurer.
JOHN K. STICKNEY.

Assessors.
WM. H. INGRAHAM, Chairman. FRANK M. KELLY.
JAMES F. LYNCH.

School Committee
ABRAHAM L. RICHARDS, Chairman. Term expires March, 1885.
CHARLES W. STONE, Clerk.
REV. ROBERT P. STACK.
CHARLES H. BRIGHAM.
A. G. FITCH.
REV. T. BERTON SMITH.

Auditor.
HOWARD RUSSELL.
TOWN OFFICERS.

Constables.

GEORGE PARKER. EZRUM V. HOWARD.
ANDREW H. STONE.

Surveyor of Highways.
CHARLES F. JACKSON.

Collector of Taxes.
WILLIAM E. FARWELL.

Fence-Viewers.

JOHN COOLIDGE. EZRUM V. HOWARD.

LUTHER BENT.

Trustees Free Public Library.

*CHARLES J. BARRY*, Chairman. Term expires in 1885.
GEORGE K. SNOW, Secretary. " " " 1884.
GEORGE N. MARCH, Treasurer. " " " 1886.
A. C. STOCKIN. " " " 1884.
JOSHUA COOLIDGE. " " " 1886.
REV. ROBERT P. STACK. " " " 1885.

Field Drivers.

ZACHARIAH BOODY. GEORGE PARKER.
EZRUM V. HOWARD. HERBERT COOLIDGE.
HENRY COLLINS. JOHN GALLAGHER.
JOHN COOLIDGE. GEORGE C. DUNNE.
JESSE F. WHEELER. THOMAS LYONS, Jr.
FRANK A. BROWN. FRED E. CRITCHETT.
PHILIP J. CALLAHAN. SAMUEL P. ABBOTT.

Officers Appointed by the Selectmen.

Regular Policemen.

GEORGE PARKER. EZRUM V. HOWARD.

* Deceased. Joshua Coolidge chosen Chairman.
TOWN OFFICERS.

Policemen specially assigned, with pay when on duty.

S. F. STEARNS, 
THOMAS CARROLL, 
PATRICK J. FLANERY, 
MICHAEL CARROLL.

Policemen appointed without pay.

CHAS. H. LOUGEE, 
GEO. H. GREGG, 
HIRAM McGLAULFLIN, 
GEO. F. ROBINSON, 
LINUS A. SHAW, 
H. M. ELLISON, Belmont, 
H. N. HEYWOOD, 
DAVID CHENERY, Jr., Belmont, 
CHARLES L. NYE.

JAMES F. BURKE, 
RICHARD NEWMAN, 
ANDREW H. STONE.

Inspector of Oil.

ROBERT L. DAVIS.

Engineers of Fire Department.

CHARLES W. BERRY, Chief. 
MICHAEL CARROLL, 2nd, Clerk. 

KEEPER of Lock-up.

JOHN H. HOLT.

Sextons and Undertakers.

ALEXANDER GREGG. 
GEORGE H. GREGG.

Pound-keeper and Keeper of Almshouse.

ZACHARIAH BOODY.

Sealer of Weights and Measures.

GEORGE H. GREGG.

Surveyors and Measurers of Wood and Bark.

CHARLES W. BERRY. 
WILLIAM H. PEVEAR. 
HARRY E. DADMUN. 
JOHN J. GAVIN.
TOWN OFFICERS.

Clerks of the Markets:
J. ALBERT SULLIVAN. GEORGE PARKER.

Measurers of Grain:
WILLIAM H. PERKINS. JAMES W. MAGEE.
ROBERT LINDSEY.

Public Weigher and Superintendent of Hay Scales:
THOMAS PATTEN.

Private Weighers of Hay, Coal, Live Animals, etc.
WILLIAM H. PEVEAR. WILLIAM P. HARRIS.
JOHN J. GAVIN. A. D. HENDERSON.
GEORGE H. DAY. WALDO A. LEARNED.
FRED H. EATON. JAMES H. FLAGG.
HARRY E. DADMUN.

Janitor of Town Hall:
GEORGE H. GREGG.
SELECTMEN'S REPORT.

The official year of 1883 is ended and pursuant to custom, we submit the following report.

The past year will not suffer by comparison with former ones. Improvements in all our principal departments have taken place, thus ensuring to the town a continuance of the reputation she holds among her sister towns and cities of possessing and maintaining streets, sidewalks, schools etc. of the first order. By an examination of the auditor's report, it will be seen that the expenditures have been judicious and in most cases less than the appropriations, thus leaving a handsome balance in the treasury for future use. The town has all the elements and conditions, actual and potential, of a prosperous independent existence and healthful growth. It remains for us to utilize and develop these. There is no danger that we shall fail to meet the requirements demanded by the progress of time and the growth of neighboring communities, until Watertown shall have become unworthy of her past. Such a time we trust, is far distant.

Fire Department.

The officers and members of the fire department deserve from the public special commendation for the completeness and efficiency of their organization and the promptness with which they respond to every call upon them in the hour of need. As stated in the report of the Engineers the fire alarm boxes have been increased by four the past year. On account of extra wire in connection with these four boxes lately added, a claim has been made against the town for one hundred and twenty-five dollars. We recommend that this matter of the claim and the establishment
of an alarm box and reservoir at the corner of Mount Auburn and School streets, as recommended by the Engineers, and which we consider a wise provision, be referred to a committee with full power to act thereon.

**Street Lights.**

The town is supplied with two hundred and twenty-nine street lights, ninety-five being gas and one hundred and thirty-four kerosene. Of this number six gas and six kerosene were added during the year just ended. Prior to the first of May last the kerosene or naphtha lights were furnished by the Globe Gas Light Company for which the town was obliged to pay at the rate of fifteen dollars each per year. By contract with the Wheeler Reflector Company, which went into effect May 1st, 1883, and is to continue for a year from that time, the kerosene lights are now furnished us at the rate of twelve dollars each per year; making a total saving to the town on the one hundred and thirty-four lights of four hundred dollars. Of the manner in which the Reflector Company have done their work and of the quality of their light, we can speak only in terms of praise. So far as we can now recall not a single complaint has been made, while expressions by way of commendation have been very general on the part of citizens.

There is but one petition for additional light now on file with us. In our judgment it will be advisable to increase the present number by ten or twelve the coming year.

**Sidewalks.**

The sidewalk adjoining the post office building on Main and Galen streets at the Square has been regraded and thoroughly repaired, by replacing the brick portion with concrete and substituting stone curbing for the old one, which was of wood.

In the year 1882 the town authorized the construction of a concrete sidewalk along the entire westerly line of Galen street. A small portion of the walk extending from the Newton line to a point a little northward of Boyd street was built that year. Be-
yond this point we were prevented from going at that time by the lateness of the season and the near approach of winter. Under a renewal of authority given by the town at its last annual meeting, we have completed this work. The length of the concrete walk thus laid this year is nearly fifteen hundred feet, and stone curbing, of the best quality has been laid along its entire outer edge, thus protecting it from the destructive contact and encroachment of vehicles. The work involved, in addition to the ordinary details of sidewalk construction, a large amount of expensive grading, the removal of the old wall, and building of a new one, along the Page estate, and the setting back, upon the line established by the county commissioners, of the wall and fence along the Allyn and Emery estates. The abutters have been assessed as provided by law. The assessments amount to five hundred and thirteen dollars and seventeen cents, are now due, and warrants for their collection have been placed in the hands of the collector. The sum appropriated by the town for sidewalks was two thousand dollars. Deducting the assessments from the expenditures, our outlay in this department is within, and less than, the appropriation.

There are now on file with the board three petitions for concrete walks to be laid on Garfield street, Centre street, and on Phillips and Mount Auburn streets opposite the estate of the Misses Whitney. These petitions await the action of the new board. The concrete walk on the south side of Main street, ought in our judgment, to be extended the coming year eastward, at least as far as Riverside Place. We recommend the usual appropriation for this department of two thousand dollars.

**Bridges and Culverts.**

As stated in one of our town meetings last year our bridges on Market and Arseneal streets were unexpectedly discovered to be in such a condition of decay in their piles and foundation timbers, as to necessitate the rebuilding of almost the whole of one and a very considerable portion of the other with new and sound material. Morse street bridge has been widened on the up stream side, and the abutment on the lower side which had settled has been
relaid. For the details of the work on these bridges see report of Surveyor of Highways. The exceptionally large outlay caused by these improvements, which were not contemplated in making the special appropriations at the annual meeting, was provided for by the town at a subsequent meeting, when it was voted to make the necessary transfer from the contingent fund.

**Police.**

The organization of our police continues the same as it has been for several years past. We have but two regular police who give their whole time to the service of the town. These are assisted and supplemented by special officers assigned to certain localities outside the centre of the town who give only a part of their time to police duty and who are paid only for the time thus given. This scheme has been adopted on the assumption that it was economical and secured for all parts of the town efficient police oversight and protection. One special has been assigned to each of the following districts, viz. to the Aetna Mills District, officer on duty every Sunday and every night from seven to twelve o'clock; to Ruterville and the upper part of Main street, officer on duty every night from seven to twelve o'clock; to Orchard street District, officer on duty every Sunday and Sunday night till twelve o'clock during the summer and harvest time; to Clay Hill and Meeting House Hill District, officer on duty every Sunday afternoon and Sunday night till twelve o'clock; to Galen street, officer on duty Saturday and Sunday nights and Sunday afternoon; to Mount Auburn street District extending from Common street to Arlington street, officer on duty every night from seven till one o'clock in the morning; and to the Sand Banks District, officer on duty Saturday and Sunday evenings and Sunday afternoon. The general order of the town has been satisfactory.

The murder of Mrs. Carleton last March spread universal horror in the community and gave it a shock from which it has scarcely yet recovered. When the ordinary agencies, local police, newspapers etc., had worked a week in the matter and no clue to
the murder had been discovered, then the selectmen, in obedience to a general desire on the part of our citizens that the town should adopt without delay means, extraordinary though they might be, which were best calculated to secure the perpetrator of the hideous crime, made an arrangement with the relatives of Mrs. Carleton, by which Messrs. Wiggin & Wood, well known detectives of Boston, were employed to ferret out the fiend, if possible, and secure the necessary evidence to convict him. By agreement the relatives and town were to share the expense. The selectmen called a town meeting, as soon as could be done, and submitted to it the arrangement that had been made. The town sanctioned our action, and by vote authorized us to draw upon the treasury the necessary sum to meet the expense. Officer Howard was released from police duty in the town, and detailed to work with the detectives, and, as representative of the town, to keep us informed of what was done, and to give us such suggestions and counsel during the progress of investigation as circumstances might require. From facts reported to us at our conferences from time to time with the detectives, both the board, and Messrs. Richardson and Hale, counsel for the relatives, felt warranted in assuming that the efforts of the officers in the end would probably be rewarded with success, and that with additional time and a few facts in addition to those already obtained, the necessary chain of evidence would be complete. So the work of procuring detection continued for six weeks or upwards, when an indictment by the grand jury of this county for the murder was found against Roger Amero. At this point the town's liability for the services of the officers employed by us ceased, the commonwealth assuming the liability from this time onward.

The amount of Wiggin and Wood's bill was about twenty-two hundred dollars, half of which the town paid. Had Amero proved to be the murderer and had he been convicted, a large portion, if not the whole, of this outlay would in all probability have been refunded by the state. It is but justice to Messrs. Wiggin and Wood to state that we are confident they labored with
zeal and great effort in the matter. Owing to special and necessary outlay in connection with this case and not covered by our contract with the detectives, and to the increase of the police force in the Waverly district, the appropriation has been somewhat overdrawn.

Cemeteries.

The wall of the cemetery on Common and Mount Auburn streets has been built so far as practicable in accordance with the recommendation of the committee appointed by the town last year to consider the matter. In their report the committee advised the building of a two face wall of a particular description at a cost of two thousand dollars; and this amount was appropriated for that purpose. We conferred with several stone masons and contractors and found that the appropriation fell considerably short of the sum required to build it with two faces and at the same time have it of the character and quality which the town evidently wanted. We concluded to construct the wall with but a single face, which was done; and we were thus enabled to keep within the appropriation and give the town a structure which in substance corresponded with the one recommended. The cost of the work was eighteen hundred dollars.

Water.

In compliance with a vote of the town, a petition was presented by the Selectmen to the General Court, asking for an Act enabling the town to take water from within its own limits, to introduce the same into and through the streets of the town for the public use of the inhabitants, and to make all necessary appropriations for this purpose by a majority vote. The petition was referred to the Legislative committee on water supply. After a hearing had been given, at which the subject was thoroughly discussed and argued, the committee made a unanimous report to the House, recommending that the Legislature grant the act petitioned for. The matter was then referred to the Judiciary committee to consider and report on the single question, as to the ex-
The suit of Mrs. Downing against the town, on account of injuries alleged to have been caused by falling on the sidewalk of
Fayette street, last winter, is still pending. It was on the trial list of the last term, but the Court adjourned before it was reached. It will probably be tried during the coming March term.

The suit of Royal Gilkey against the town, in which he seeks to perpetually enjoin the town from constructing and widening Arsenal street, along his premises, as laid out by the County Commissioners in 1873, is still pending in the Supreme Court. The case has been referred by the Court to Joseph H. Tyler, Esq., as Master, for the purpose of taking evidence and reporting facts which are material and important in the case. There have already been some six or seven hearings before the Master and there will in all probability be at least two or three more. Mr. Gilkey has put in substantially all his evidence, and the town a portion of its evidence. Both sides are desirous of obtaining, at the earliest moment, a decision from the Court which shall settle their relative rights in the subject in controversy and are pushing the case, which involves much detail, with all possible despatch.

The three principal grounds on which Mr. Gilkey claims the town has no right under the location of the County Commissioners in 1873 to widen Arsenal street along the line of his premises are apparently as follows, viz: First, the proceedings of the Commissioners were defective and therefore their doings are void. Second, the lines of the street can not be ascertained from the Commissioners' report and plan. Third, the town did not within two years from July, 1873 make the legal entry upon the premises for constructing the road as located. The town contends that the opposite is true in these three particulars. There are several other issues raised in the case, but the above are the most important.

Health Department.

During the summer months we were at times exceedingly annoyed in the village by a peculiar stench apparently coming from Charles river. As the local board of health, the Selectmen, independently and in connection with the State Board of Health, made an investigation for the purpose of determining its cause.
As a result of our work we found the following facts, viz.: Beginning at the Ætna Mills dam and coming eastward, there was nothing peculiar or abnormal in the appearance or smell of the water, or the soil along its banks, until arriving at the mouth of the drain from the Nonantum Worsted Company on the Newton side. Here the water was turbid but not specially disagreeable in smell. From this point eastward with the exception of a little turbidity and frothy collections, there was nothing noticeable in the appearance or smell of the water except at two points, opposite the starch factories, at and around the mouths of their drains. Here were found large deposits of a white substance, which on being stirred up emitted an exceedingly disagreeable smell.

On certain days it was found that these factories emptied into the river their waste and refuse matter. The trouble in the village was experienced immediately after such emptying and only then. At the starch works on the north side of the river there was frequently an offensive odor, which caused much annoyance to those travelling by on the highway, almost identical in character with that complained of in the town. Finally, at no point on or off the river westward of these works was there at any time any such trouble as that in question.

The gentlemen having charge of these factories took such measures as they considered likely to remove the difficulty so far as they were concerned. The great drought and low condition of the river the past year largely contributed, we think, to the trouble.

The subject of drainage is assuming a sphere of pressing importance, and its agitation is already going on in many communities. The scheme of a metropolitan system has been up for consideration and discussion before the legislature this season again. Sooner or later we shall be undoubtedly called upon to make known our position on this question.

The Town House.

There is a pressing need of an additional safety vault for the exclusive use of the Assessors. The law relative to their duties
and responsibilities is very strict and exacting, and their records and other documents are of such importance as to make it essential, for their own protection and the public interest, to provide a vault over which they shall have exclusive control. Furthermore the present safety vault for general town purposes, which these officials now use in common with others, is taxed to its full capacity by the accumulation, going on for years, of town records and papers of a miscellaneous character.

The present room accommodation provided for the town officers for the transaction of their official business is entirely inadequate. The assessors and selectmen are obliged to use the same room, and often at the same time, under circumstances which cause great mutual inconvenience, and which interfere with the expedition of business. At other times, for instance, in the case of hearings and when adding names of voters to the check list, this insufficiency of accommodation is painfully manifest to those of the public present on such occasions no less than to the officials themselves.

The public library has been removed to the new library building and the room in the town house where it has been previously kept is now vacant. The school committee have made application for the use of it. By proper arrangement this room, in our opinion, could be so utilized as to remove entirely the difficulty and inconvenience in question.

We recommend that the matter of an additional safety vault, and of providing better room accommodation for town officers, be referred to a special committee with full power.

OLIVER SHAW. JAMES W. MAGEE. J. J. SULLIVAN. Selectmen of Watertown.
REPORT OF TOWN CLERK AND REGISTRAR.

BIRTHS.

The number of births registered during the year 1883 was one hundred and one (101), forty-two (42) less than in 1882.

Of the number registered, fifty-four (54) were males, and forty-seven (47) were females.

Ninety-nine were born in Watertown.
Two were born in Boston.

Born of American parents, 34
- Irish parents, 28
- American and foreign parents, 26
- British Province parents, 4
- German parents, 2
- English parents, 2
- Irish and British Province parents, 1
- West Indies and Nova Scotia parents, 1
- Scotland and Nova Scotia, 2
- Virginia and Unknown, 1

MARriages.

The whole number of marriages recorded for the year was fifty-one (51), three less than in 1882.

First marriage of both parties, 41
Second " " 3
First and second marriage of both parties, 7

101
Number of both parties native born, 28
" " foreign born, 12
" " native and foreign born, 11

**Occupation of Grooms.**

Paper hanger, 1; General agent 1; Engineers, 3; Carpenters, 10; Moulders, 3; Clerks, 5; Merchant, 1; Mill operative, 1; Shoemaker, 1; Book-keepers, 2; Soldier, 1; Horse shoer, 1; Gardener, 1; Hostler, 1; Painters, 2; Apothecary, 1; Horse car driver, 1; Provision dealer, 1; Express driver, 1; Laborers, 6; Scientist, 1; Farmers, 2; Manufacturer, 1; Rubber manufacturer, 1; Foundry hand, 1; Sash and Blind maker, 1; Teamster, 1. Total, 51.

**DEATHS.**

The whole number of deaths registered for the year 1883, was one hundred and two (102), being the same number as the previous year.

The ratio of last year of deaths to population based on the census, of 1880, was 53.19+. The increase of population which we are confident has accrued in the town, will reduce still lower the death ratio.

Of the whole number of deaths, fifty-two (52) were males, and fifty (50) were females.

**Condition.**

Married, 38
Single, 48
Widowed, 16
102
### Name, Age and Condition of Persons Deceased, aged Seventy Years and Upward.

<table>
<thead>
<tr>
<th>Name</th>
<th>Yrs.</th>
<th>Mos.</th>
<th>Days</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ann H. Lathrop</td>
<td>80</td>
<td></td>
<td></td>
<td>Widow.</td>
</tr>
<tr>
<td>Rosanna Mooney</td>
<td>79</td>
<td></td>
<td></td>
<td>Widow.</td>
</tr>
<tr>
<td>Ann Foster</td>
<td>75</td>
<td>11</td>
<td>15</td>
<td>Widow.</td>
</tr>
<tr>
<td>Horatio Fletcher</td>
<td>86</td>
<td>10</td>
<td>19</td>
<td>Widowed</td>
</tr>
<tr>
<td>Samuel C. Howes</td>
<td>75</td>
<td></td>
<td></td>
<td>Married</td>
</tr>
<tr>
<td>Mary Coolidge</td>
<td>87</td>
<td>9</td>
<td>21</td>
<td>Widow.</td>
</tr>
<tr>
<td>Eliza Kennedy</td>
<td>75</td>
<td>1</td>
<td></td>
<td>Widow.</td>
</tr>
<tr>
<td>Josiah Thwing</td>
<td>76</td>
<td>7</td>
<td></td>
<td>Married</td>
</tr>
<tr>
<td>Mary Carey</td>
<td>80</td>
<td></td>
<td></td>
<td>Widow.</td>
</tr>
<tr>
<td>Giles A. Meacham</td>
<td>83</td>
<td>8</td>
<td>1</td>
<td>Married</td>
</tr>
<tr>
<td>Charles J. Barry</td>
<td>71</td>
<td>11</td>
<td></td>
<td>Married</td>
</tr>
<tr>
<td>Elmore Russell</td>
<td>84</td>
<td>4</td>
<td>9</td>
<td>Widowed</td>
</tr>
<tr>
<td>Frances S. Pierce</td>
<td>72</td>
<td>11</td>
<td></td>
<td>Widow.</td>
</tr>
<tr>
<td>Daniel B. Dimick</td>
<td>71</td>
<td>10</td>
<td>3</td>
<td>Widowed</td>
</tr>
<tr>
<td>Mary F. Aldrich</td>
<td>80</td>
<td>10</td>
<td></td>
<td>Widow.</td>
</tr>
<tr>
<td>Gilbert Nichols</td>
<td>74</td>
<td>4</td>
<td>26</td>
<td>Married</td>
</tr>
<tr>
<td>Ann W. Gammons</td>
<td>75</td>
<td>1</td>
<td>22</td>
<td>Married</td>
</tr>
<tr>
<td>John Despond</td>
<td>76</td>
<td>6</td>
<td></td>
<td>Married</td>
</tr>
<tr>
<td>Lydia M. Chadbourne</td>
<td>81</td>
<td>8</td>
<td>1</td>
<td>Widow.</td>
</tr>
</tbody>
</table>

Whole number, 19.

Number of persons deceased under 5 years, is 36

- " " " between 5 and 10 "  " 3
- " " " 10 and 20 "  " 3
- " " " 20 and 30 "  " 3
- " " " 30 and 40 "  " 15
- " " " 40 and 50 "  " 10
- " " " 50 and 60 "  " 3
- " " " 60 and 70 "  " 10
- " " " aged 70 and over, as per names, 19

Total 102
Causes of Death, in Alphabetical Order.

<table>
<thead>
<tr>
<th>Cause</th>
<th>Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abcess</td>
<td>1</td>
</tr>
<tr>
<td>Abdominal</td>
<td>3</td>
</tr>
<tr>
<td>Accidental</td>
<td>3</td>
</tr>
<tr>
<td>Apoplexy</td>
<td>3</td>
</tr>
<tr>
<td>Bright's Disease</td>
<td>2</td>
</tr>
<tr>
<td>Bronchitis</td>
<td>3</td>
</tr>
<tr>
<td>Cancer</td>
<td>1</td>
</tr>
<tr>
<td>Cholera Infantum</td>
<td>6</td>
</tr>
<tr>
<td>Coma</td>
<td>1</td>
</tr>
<tr>
<td>Convulsions</td>
<td>3</td>
</tr>
<tr>
<td>Congestion of Liver</td>
<td>1</td>
</tr>
<tr>
<td>Congestion of Lungs</td>
<td>9</td>
</tr>
<tr>
<td>Consumption, Pulmonary</td>
<td>1</td>
</tr>
<tr>
<td>Croup</td>
<td>1</td>
</tr>
<tr>
<td>Crushed, accidental</td>
<td>1</td>
</tr>
<tr>
<td>Cystitis</td>
<td>2</td>
</tr>
<tr>
<td>Diphtheria</td>
<td>2</td>
</tr>
<tr>
<td>Disease of Lungs</td>
<td>1</td>
</tr>
<tr>
<td>Disease of Heart</td>
<td>3</td>
</tr>
<tr>
<td>Disease of Brain</td>
<td>1</td>
</tr>
<tr>
<td>Disease of Prostrate Gland</td>
<td>2</td>
</tr>
<tr>
<td>Drowning, accidental</td>
<td>1</td>
</tr>
<tr>
<td>Embolism</td>
<td>1</td>
</tr>
<tr>
<td>Enterorites</td>
<td>1</td>
</tr>
<tr>
<td>Erysipelas</td>
<td>2</td>
</tr>
<tr>
<td>Euteric Fever</td>
<td>1</td>
</tr>
<tr>
<td>Exhaustion and Paralysis</td>
<td>1</td>
</tr>
<tr>
<td>Fracture of Skull</td>
<td>1</td>
</tr>
<tr>
<td>Hooping Cough</td>
<td>1</td>
</tr>
<tr>
<td>Hemorrhage, Pulmonary</td>
<td>1</td>
</tr>
<tr>
<td>Infantile</td>
<td>4</td>
</tr>
<tr>
<td>Marasmus</td>
<td>3</td>
</tr>
<tr>
<td>Meningitis</td>
<td>1</td>
</tr>
<tr>
<td>Murdered</td>
<td>1</td>
</tr>
<tr>
<td>Old Age</td>
<td>6</td>
</tr>
<tr>
<td>Paralysis</td>
<td>1</td>
</tr>
<tr>
<td>Phthisis</td>
<td>6</td>
</tr>
<tr>
<td>Pneumonia</td>
<td>7</td>
</tr>
<tr>
<td>Plutis</td>
<td>1</td>
</tr>
<tr>
<td>Railroad, accidental</td>
<td>1</td>
</tr>
<tr>
<td>Scarlet Fever</td>
<td>2</td>
</tr>
<tr>
<td>Stillborn</td>
<td>3</td>
</tr>
<tr>
<td>Suddeny</td>
<td>1</td>
</tr>
<tr>
<td>Suicide by drowning</td>
<td>1</td>
</tr>
<tr>
<td>Tumor in stomach</td>
<td>1</td>
</tr>
<tr>
<td>Tumor cerebral</td>
<td>1</td>
</tr>
<tr>
<td>Unknown</td>
<td>2</td>
</tr>
<tr>
<td>Unknown</td>
<td>102</td>
</tr>
</tbody>
</table>

The number of deaths of native-born persons is 73

The number of deaths of foreign-born is 26

The number of deaths of persons of unknown birth is 3

Unknown.

The number of deaths of native-born parentage is 31

The number of deaths of foreign-born parentage is 52
NOSOLOGICAL TABLE.

CAUSES OF DEATH. TABULA LIST.

Class 1. Zymotic Diseases.

Order 1. Miasmatic.

<table>
<thead>
<tr>
<th>Disease</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cholera Infantum</td>
<td>6</td>
</tr>
<tr>
<td>Croup</td>
<td>1</td>
</tr>
<tr>
<td>Diphtheria</td>
<td>2</td>
</tr>
<tr>
<td>Scarlet Fever</td>
<td>2</td>
</tr>
</tbody>
</table>

Class 2. Constitutional Diseases.

Order 1. Tubercular.

<table>
<thead>
<tr>
<th>Disease</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Congestion of the Lungs</td>
<td>2</td>
</tr>
<tr>
<td>Congestion of Liver</td>
<td>1</td>
</tr>
<tr>
<td>Consumption, Pulmonary</td>
<td>9</td>
</tr>
<tr>
<td>Phthisis</td>
<td>6</td>
</tr>
<tr>
<td>Plutisis</td>
<td>1</td>
</tr>
</tbody>
</table>

Class 3. Local Diseases.

Order 1. Nervous Diseases.

<table>
<thead>
<tr>
<th>Disease</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apoplexy</td>
<td>3</td>
</tr>
<tr>
<td>Brain Disease</td>
<td>1</td>
</tr>
<tr>
<td>Convulsions</td>
<td>3</td>
</tr>
<tr>
<td>Meningitis</td>
<td>1</td>
</tr>
<tr>
<td>Paralysis</td>
<td>9</td>
</tr>
</tbody>
</table>
Order 2. Organs of Circulation.
Heart Disease, 
   
Order 3. Respiratory Organs.
Bronchitis,
Pulmonary, Hemorrhage,
Pneumonia,
   
Order 4. Digestive Organs.
Abdominal Disease,
Entorites.
   
Order 5. Urinary Organs.
Bright's Disease of the Kidneys.
   
Class 4. Developmental Diseases.
Order 1. Of Children.
Infantile,
Stillborn.
   
Order 2. Of Old People.
Cancer,
Tumors,
Old Age.
   
Marasmus,
Class 5. Violent Deaths.

Order 1. Accidental or Negligence.

<table>
<thead>
<tr>
<th>Description</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fracture of Skull</td>
<td>1</td>
</tr>
<tr>
<td>Murdered</td>
<td>1</td>
</tr>
<tr>
<td>Suicide by drowning</td>
<td>1</td>
</tr>
<tr>
<td>Accidental Drowning</td>
<td>1</td>
</tr>
<tr>
<td>Crushed</td>
<td>1</td>
</tr>
<tr>
<td>Railroad</td>
<td>6</td>
</tr>
<tr>
<td>Suddenly</td>
<td>1</td>
</tr>
<tr>
<td>Unknown</td>
<td>3</td>
</tr>
</tbody>
</table>
**DOGS.**

The whole number of dogs licensed during the year was 221.

Amount received for licensing:—

- 211 male dogs, at $2 each, $422.00
- 10 female dogs, at $5 each, 50.00
- 9 male dogs, received after the return was made last year, at $2 each, 18.00

Total, $490.00

Deduct fees for licenses, 230 at 20 cts. each, $46.00

Net amount, $444.00

**Middlesex, ss., November, 15, 1883.**

William H. Ingraham, Esq., Clerk of the Town of Watertown, has paid into the Treasury of said Middlesex County, Four Hundred and Forty-four Dollars, for dog licenses, for the year eighteen hundred and eighty-three, as per his account of 13th instant.

*AMOS STONE,*

County Treasurer.

$444.00

The whole number of dogs killed during the past year, as by return of Andrew H. Stone, Constable, is 33.

**Library now in Selectmen's Room.**

- Laws of the United States, 3 vols. 8vo.
- General Statutes of Mass., 1836 to 1872, 3 vols. 8vo.
- " " " with Supplement, 2d ed., 2 vols. 8vo.
- Public Statutes of Mass., 1882, 1 vol. 8vo.
- Herrick's Town Officer, 2 vols. 8vo.
- Mass. Special Laws, from the adoption of the Constitution to A.D., 1881, 14 vols. 8vo.
REPORT OF THE TOWN CLERK.

Acts and Resolves of the Province of Massachusetts Bay, 1692-1768... 4 vols. 8vo.
Mass. Digest, by Bennitt & Heard,... 3 vols. 8vo.
Mass. Term Reports, from 1804,... 17 vols. 8vo.
Pickering’s Terms Reports, vols. 1 to 24, inc.,... 24 vols 8vo.
Metcalf’s... 1 to 13, inc.,... 13 vols. 8vo.
Cushing’s... 1 to 12, inc.,... 12 vols. 8vo.
Gray’s... 1 to 16, inc.,... 16 vols. 8vo.
Allen’s... 1 to 14, inc.,... 14 vols. 8vo.
Public Documents of Mass. from 1858 to 1882, inc.,... 103 vols. 8vo.
Mass. Register and Military Record, 1862,... 1 vol. 8vo.
Industry of Mass., 1855,... 1 vol. 8vo.
Census of Mass., 1860, 1865, and 1875,... 5 vols. 8vo.
Journal of Valuation Committee, 1860,... 1 vol. 8vo.
Plymouth Colony Laws, ed. by Wm. Brigham,... 1 vol. 8vo.
Reports of State Board of Health, 1872 to 1879,... 8 vols. 8vo.
Manual of Board of Health,... 1 vol. 8vo.
Reports of Board of State Charities, 1868, 1869, 1871, 1872, 1873,... 5 vols. 8vo.
Watertown Town Reports, from 1860 to 1883,... 24 vols. 8vo.
Perpetual Laws of the Commonwealth of Massachusetts from 1780 to 1816,... 6 vols. 8vo.

* No. 127 Mass. Reports, still missing.
1 Webster's Dictionary, unabridged,
Reports of State Board of Health, Lunacy, and
Charity 1879, 1880.
Registration Report, 1880. 1 vol.
Bureau of Statistics of Labor, 1876, 1877. 2 vols.
Report of School Committee of Boston, 1878, 1 vol.
Respectfully submitted,

WILLIAM H. INGRAHAM.

Town Clerk.
REPORT OF THE OVERSEERS OF THE POOR.

A conjunction of unavoidable circumstances has caused the outlay for the support of the poor to exceed the appropriation by a considerable amount. Misfortune, in the shape of continued sickness or accident, seems during the past year to have come especially among those who could least provide against it, and in a way to leave them, in many cases, largely or wholly dependent upon the town for support.

It will be necessary to increase the appropriation for the coming year.

Last July, an arrangement was made with Dr. L. S. Smith, to attend to all cases in which the town was obliged to furnish medical attendance, until April 1, 1884, at the rate of $100 a year. We are of the opinion that this arrangement has proved economical and efficient.

Mr. George L. Noyes was at the beginning of the past year appointed Almoner of the Board, and still continues to hold the position.

The management of the Almshouse has been highly satisfactory, and the inmates supported by the town there are comfortably and kindly cared for.

The Inmates of the Almshouse for the Entire Year.

<table>
<thead>
<tr>
<th>Name</th>
<th>Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bacon, Samuel</td>
<td>69</td>
</tr>
<tr>
<td>Bomein, Antonio</td>
<td>60</td>
</tr>
<tr>
<td>Buckley, Ellen</td>
<td>38</td>
</tr>
<tr>
<td>Fagan, Catherine</td>
<td>66</td>
</tr>
<tr>
<td>Hagar, Garry</td>
<td>55</td>
</tr>
<tr>
<td>Swan, Elizabeth B.</td>
<td>54</td>
</tr>
<tr>
<td>Bates, Cyrenis</td>
<td>80</td>
</tr>
<tr>
<td>Flanigan, Nina</td>
<td>60</td>
</tr>
</tbody>
</table>
For a Portion of the Year.

Gardner, Abigail, died March 5, 1883.
Bond, William, left April 8, returned July 8, there now.
Dunn, Nora, left April 15, " 17, left Nov. 28.
Welch, John, came Feb. 13, there now, age 73.
Finn, Michael, " April 15, " " " 56.
Bright, Sarah, " Oct. 6, " " " 83.
O’Brien, Patrick, " 18, " " " 36.

In the Worcester Lunatic Asylum for the Entire Year.
Butterfield, Harriet L., Johnson, Abraham.
Flynn, Margery.

In Danvers Lunatic Hospital, till Oct. 2, 1883.
Ford, Amelia, removed Oct. 3, 1883, to Asylum for Chronic Insane.

In Taunton Lunatic Hospital.

Fenton, Martha A.

In State Almshouse.

McGurk, Hannah.

There have been 295 tramps lodged and fed in the police station during the year.

OLIVER SHAW,  
JAMES W. MAGEE,  
J. J. SULLIVAN,  

Overseers of the Poor.
ASSESSORS' REPORT.

The Assessors of Watertown submit the following as their Annual Report:—

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value of real estate of residents</td>
<td>$4,001,200 00</td>
</tr>
<tr>
<td>&quot;        &quot; &quot; non-residents.</td>
<td>1,054,250 00</td>
</tr>
<tr>
<td><strong>Total,</strong></td>
<td><strong>$5,055,450 00</strong></td>
</tr>
<tr>
<td>Value personal estate, residents</td>
<td>$1,904,800 00</td>
</tr>
<tr>
<td>&quot;        &quot; &quot; non-residents.</td>
<td>221,840 00</td>
</tr>
<tr>
<td><strong>Total values,</strong></td>
<td><strong>$7,182,090 00</strong></td>
</tr>
<tr>
<td>Number of dwelling houses,</td>
<td>1,004</td>
</tr>
<tr>
<td>&quot;        &quot; horses,</td>
<td>474</td>
</tr>
<tr>
<td>&quot;        &quot; cows,</td>
<td>169</td>
</tr>
<tr>
<td>&quot;        &quot; bulls,</td>
<td>2</td>
</tr>
<tr>
<td>&quot;        &quot; acres of land taxed,</td>
<td>2,050</td>
</tr>
<tr>
<td>&quot;        &quot; polls</td>
<td>1,552</td>
</tr>
<tr>
<td>&quot;        &quot; persons liable to military duty,</td>
<td>821</td>
</tr>
<tr>
<td>&quot;        &quot; children between 5 and 15 years of age.</td>
<td>994</td>
</tr>
<tr>
<td>The State tax is</td>
<td>$6,675 00</td>
</tr>
<tr>
<td>&quot;        &quot; County &quot; &quot;</td>
<td>4,532 66</td>
</tr>
<tr>
<td>Town grants assessed.</td>
<td>71,175 00</td>
</tr>
<tr>
<td>Overlay,</td>
<td>2,019 85</td>
</tr>
<tr>
<td><strong>Total,</strong></td>
<td><strong>$83,902 51</strong></td>
</tr>
</tbody>
</table>
The tax on 1,552 polls at $2 each, is $3,104.00
" " $7,182,090 at $11.25 per thousand. 80,798.51

Total assessment. 83,902.51

Additional tax on 21 polls. $42.00
" " personal estate. 41.17

$83.17

There are 29 steam boilers of various capacity in operation, in town.

The value of the property belonging to the several religious societies in town, exempt from taxation as appraised, is $98,220, as per return to the State Treasurer.

The State tax for the current year was less than for the year previous. The county tax was somewhat larger. There were no extraordinary grants made by the town the current year to increase your tax rate beyond what you may reasonably expect in any subsequent year, yet, while the rate this year was much less than for 1882, it being $11.25 instead of $14.50, we have been so accustomed to about $10 per thousand tax, that any sum over that seems large to us.

But you will see by comparison with former years, that while our real estate holds its own relative value, with, we may say, a steady increase from new buildings erected, the personal property has lost much more than the real has gained. The decease of several large tax payers, and the consequent withdrawal of portions of their personal estate, also the large reduction in values on some stocks owned by others, have brought about the result.

But no town in the vicinity of Boston can offer more eligible building lots, or fairer sites for country residences than the town of Watertown, and with proper management on the part of the town, we may reasonably expect that those sites may be occupied by a class of residents that will add prosperity and worth to your town, and in the future, as in the past, the old town of Water-
town, keeping her territory intact, and her name as of old, may rank, as she always has, with the first towns in the Commonwealth.

Respectfully submitted.

W. H. INGRAHAM,  
JAMES F. LYNCH,  
FRANK M. KELLY,
Assessors.
## Synopsis of Valuation and Taxation of Watertown from 1830 (five years interval) to 1870, and annually from 1870 to 1883.

<table>
<thead>
<tr>
<th>Date</th>
<th>Polls</th>
<th>Tax on Polls Each</th>
<th>Valuation</th>
<th>TAX</th>
<th>Rate per $1,000</th>
<th>Total Tax</th>
</tr>
</thead>
<tbody>
<tr>
<td>1830</td>
<td>422</td>
<td>$1.85</td>
<td>$517,017 00</td>
<td></td>
<td>$235.95</td>
<td>$716.78</td>
</tr>
<tr>
<td>1835</td>
<td>435</td>
<td>1.50</td>
<td>904,280 00</td>
<td></td>
<td></td>
<td>$32.66</td>
</tr>
<tr>
<td>1840</td>
<td>529</td>
<td>1.40</td>
<td>1,420,750 00</td>
<td></td>
<td></td>
<td>$25.58</td>
</tr>
<tr>
<td>1845</td>
<td>537</td>
<td>1.50</td>
<td>1,238,617 00</td>
<td></td>
<td></td>
<td>2.00</td>
</tr>
<tr>
<td>1850</td>
<td>701</td>
<td>1.50</td>
<td>2,514,100 00</td>
<td></td>
<td></td>
<td>3.00</td>
</tr>
<tr>
<td>1855</td>
<td>822</td>
<td>1.50</td>
<td>3,588,700 00</td>
<td></td>
<td></td>
<td>3.99</td>
</tr>
<tr>
<td>1860</td>
<td>769</td>
<td>1.50</td>
<td>2,597,800 00</td>
<td></td>
<td></td>
<td>6.30</td>
</tr>
<tr>
<td>1865</td>
<td>883</td>
<td>2.00</td>
<td>2,950,732 00</td>
<td></td>
<td></td>
<td>7.00</td>
</tr>
<tr>
<td>1870</td>
<td>1,040</td>
<td>2.00</td>
<td>4,165,080 00</td>
<td></td>
<td></td>
<td>14.50</td>
</tr>
<tr>
<td>1871</td>
<td>1,150</td>
<td>2.00</td>
<td>5,598,140 00</td>
<td></td>
<td></td>
<td>13.13</td>
</tr>
<tr>
<td>1872</td>
<td>1,170</td>
<td>2.00</td>
<td>6,772,110 00</td>
<td></td>
<td></td>
<td>12.50</td>
</tr>
<tr>
<td>1873</td>
<td>1,293</td>
<td>2.00</td>
<td>7,352,090 00</td>
<td></td>
<td></td>
<td>11.69</td>
</tr>
<tr>
<td>1874</td>
<td>1,285</td>
<td>2.00</td>
<td>8,014,910 00</td>
<td></td>
<td></td>
<td>12.00</td>
</tr>
<tr>
<td>1875</td>
<td>1,360</td>
<td>2.00</td>
<td>7,999,990 00</td>
<td></td>
<td></td>
<td>13.50</td>
</tr>
<tr>
<td>1876</td>
<td>1,347</td>
<td>2.00</td>
<td>7,756,170 00</td>
<td></td>
<td></td>
<td>13.00</td>
</tr>
<tr>
<td>1877</td>
<td>1,332</td>
<td>2.00</td>
<td>7,446,430 00</td>
<td></td>
<td></td>
<td>10.29</td>
</tr>
<tr>
<td>1878</td>
<td>1,305</td>
<td>2.00</td>
<td>7,076,750 00</td>
<td></td>
<td></td>
<td>10.00</td>
</tr>
<tr>
<td>1879</td>
<td>1,366</td>
<td>2.00</td>
<td>7,092,500 00</td>
<td></td>
<td></td>
<td>10.00</td>
</tr>
<tr>
<td>1880</td>
<td>1,407</td>
<td>2.00</td>
<td>7,400,050 00</td>
<td></td>
<td></td>
<td>8.50</td>
</tr>
<tr>
<td>1881</td>
<td>1,473</td>
<td>2.00</td>
<td>7,881,820 00</td>
<td></td>
<td></td>
<td>10.00</td>
</tr>
<tr>
<td>1882</td>
<td>1,467</td>
<td>2.00</td>
<td>7,652,010 00</td>
<td></td>
<td></td>
<td>9.40</td>
</tr>
<tr>
<td>1883</td>
<td>1,552</td>
<td>2.00</td>
<td>7,182,060 00</td>
<td></td>
<td></td>
<td>11.25</td>
</tr>
</tbody>
</table>

* Belmont was incorporated in 1839.
COLLECTOR’S REPORT.

August, 1883.

To the Auditor of the Town of Watertown: —

I herewith submit my report of collection of taxes for 1881, and for sidewalk assessments.

TAXES, 1881.

Dr.

Amount uncollected per report, February, 1883, $148.43
Interest collected, 11.86 $160.29

Cr.

By cash paid Town Treasurer, $160.29

SIDEWALK ASSESSMENTS.

Dr.

Amount uncollected per report, February, 1883, $225.47

Cr.

By cash paid Town Treasurer, $210.32
By amount uncollected, 15.15 $225.47

Most respectfully yours,

GEO. L. NOYES, Collector.

The accounts of Geo. L. Noyes, Collector, have been examined by me, and the above is a correct statement of the same.

HOWARD RUSSELL, Auditor.
June, 1883.

To the Auditor of the Town of Watertown:

I herewith submit my final report of the collection of taxes for 1882.

Dr.

Amount uncollected per report, February 1, 1883, $11,759 13
Additional taxes, 2 00
Interest collected, 22 35

$11,783 48

Cr.

By paid Town Treasurer, $2,492 92
By transfer to Selectmen, 9,290 56 $11,783 48

Respectfully submitted.

GEO. L. NOYES, Collector.

The accounts of Geo. L. Noyes, Collector, have been examined by me, and the above statement is correct.

HOWARD RUSSELL, Auditor.
COLLECTOR'S REPORT.

To the Auditor of the Town of Watertown: —

I herewith submit my report of the collection of taxes for 1882 and 1883.

1882.

Dr.

To amount of tax committed to me by
the Selectmen, April 30, 1883, $9,290 56
Additional tax, 30 02
Interest collected, 287 88

Cr.

By paid Town Treasurer, $3,800 51
Deposited in Union Market Nat'l Bank, 3,391 59
Uncollected taxes, 2,416 36

$9,608 46

1883.

Dr.

To amount committed, $83,902 51
Additional tax, 51 42
Interest collected, 11 08
Sidewalk assessments, 516 70

$84,481 71
By paid Treasurer, $68,201 70
" County tax, 4,032 66
Deposited in Union Market Nat'l Bank, 1,837 09
Uncollected taxes, 9,893 56
Uncollected sidewalk assessments, 516 70 $84,481 71

Most respectfully yours,

Wm. E. FARWELL, Collector.

The accounts of Wm. E. Farwell, Collector, having been duly examined by me, and proper vouchers having been presented, I hereby declare the above statement to be correct.

HOWARD RUSSELL, Auditor.
ANNUAL REPORT OF ENGINEERS OF FIRE DEPARTMENT.

In accordance with our annual custom, we respectfully submit the following report of the Fire Department:—

We have had comparatively few fires during the past year, but for lack of water, the department has been unable to do as much service on one or two occasions as they were desirous of doing. The house on the Alvin Adams estate was allowed to burn to the ground, while the steamer was obliged to stand idle for want of water, and the barn on the Coolidge estate, containing valuable property, was destroyed in the same manner.

There were nine fires and seventeen alarms during the year, and if the town wishes the department to be efficient on all occasions, they must see that the water supply is sufficient to make it so.

Organization.

Chas. W. Berry, Chief Engineer.
John A. York, First Assistant.
Michael Carroll, Secretary.

Pequossette Steam Fire Engine Company, No. 1, fifteen men.

Bradford Holbrook, Foreman.
J. H. Holt, Engineer.
Moses Pattee, Driver.
J. R. Harrison, Stoker.

A. D. Drew Hook and Ladder Company No. 1: ten men.

M. B. Culligan, Foreman.

Apparatus.

Same as reported last year, with the exception of a new pung to replace the old one.
One steam fire engine.
One hook and ladder truck.
One pung.
One four-wheel hose carriage.
Three two-wheel hose carriages.
One supply wagon.
All in good condition.

**Horses.**

We have five horses in good condition, with the exception of one, which will have to be replaced soon.

**Hose.**

We have 3,000 feet of reliable cotton hose, 700 feet of unreliable cotton, and 650 feet of unreliable leather hose.

**Fire Alarms.**

Four new boxes have been added, as recommended last year.

Loss by fire, $16,250. Insurance, $11,015.

**Receipts and Expenditures.**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appropriation</td>
<td>$5,200.00</td>
</tr>
<tr>
<td>Receipts</td>
<td>99.50</td>
</tr>
<tr>
<td></td>
<td>$5,299.50</td>
</tr>
<tr>
<td>Salaries</td>
<td>$3,376.58</td>
</tr>
<tr>
<td>Hay, grain and straw</td>
<td>545.24</td>
</tr>
<tr>
<td>Fuel and lights</td>
<td>129.50</td>
</tr>
<tr>
<td>Horse shoeing</td>
<td>87.78</td>
</tr>
<tr>
<td>Repairs</td>
<td>516.07</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>324.55</td>
</tr>
<tr>
<td></td>
<td>4,979.72</td>
</tr>
<tr>
<td>Balance</td>
<td>$319.78</td>
</tr>
</tbody>
</table>

**Recommendations.**

We recommend for the use of the department, $5,200, which will include salaries, improvements, repairs, supplies, fuel and
gas. We also recommend a fire alarm box and reservoir at the corner of Mount Auburn and School streets.

**Acknowledgments.**

The officers and members of the department have our thanks for their co-operation in upholding the good reputation of the Watertown Fire Department.

All of which we respectfully submit.

C. W. BERRY,  
J. A. YORK,  
M. CARROLL,  

*Engineers.*
TREASURER'S REPORT.

During the past year, as usual, the Auditor has made monthly examinations of my accounts and vouchers, and in his Report will be found a full detail of all receipts and expenditures.

At the close of last year the library subscriptions fell short $275, which was the balance due on a note discounted at the Union Market National Bank, to make up the deficiency of the $10,000 subscribed for the purchase of the land where the building is located. Some additional subscriptions have been made lately, viz: Mr. Solon F. Whitney, $200, and Mr. Geo. K. Snow, $100, which pays up the note, and leaves $25 in the treasury, the note, however, remains in the bank, as the interest has not yet been paid.

Owing to the defalcation of the cashier of the Union Market National Bank, the deposits of the town were locked up, involving the necessity of borrowing money for current expenses, which otherwise would not have been necessary, but I was able to negotiate a loan of $10,000 at the Newton National Bank, giving town note for the same on demand, at the rate of 4 per cent. per annum, notice of one month required by either party, prior to demand of payment. Two of the town notes have been paid during the year, in amount, $5,700, and a note of $5,000 will be due on April 1st, proximo, which must be provided for at the annual meeting.

There is also $7,300 of matured paper, other than the above referred to, and I would suggest that the same vote be passed as on previous years, authorizing the treasurer, under the direction of the selectmen, to borrow such sums as may be required to meet contingencies.
TREASURER'S REPORT.

The receipts have been $143,681 49
Disbursements have been 137,345 21
Balance in the treasury, $6,336 28
Town debt, $47,800 00.

Respectfully submitted.

JOHN K. STICKNEY, Treasurer.

Watertown, Feb. 11, 1884.

The accounts of J. K. Stickney, Esq., Treasurer, have been duly examined by me, proper vouchers have been shown for expenditures, and the balance as here given, is correct.

HOWARD RUSSELL, Auditor.
**List of Town Notes, Time of Maturing.**

<table>
<thead>
<tr>
<th>Town Debt</th>
<th>Am't.</th>
<th>Rate</th>
<th>Annual Interest</th>
<th>Interest due Semi-annually</th>
<th>Maturity</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loan negotiated at Mears, Brewster, Basset &amp; Co.'s, Boston.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note of April 1, 1878, six years</td>
<td>85,000</td>
<td>5</td>
<td>250 00</td>
<td>Oct. 1 and Apr. 1</td>
<td>April 1, 1884</td>
<td></td>
</tr>
<tr>
<td>7&quot; 7&quot; 7&quot; 7&quot; 7&quot; 7&quot; 7&quot; 7&quot; 7&quot;</td>
<td>5,000</td>
<td>5</td>
<td>250 00</td>
<td>&quot;  &quot;</td>
<td>&quot; 1, 1885.</td>
<td></td>
</tr>
<tr>
<td>8&quot; 8&quot; 8&quot; 8&quot; 8&quot; 8&quot; 8&quot; 8&quot; 8&quot;</td>
<td>5,000</td>
<td>5</td>
<td>250 00</td>
<td>&quot;  &quot;</td>
<td>&quot; 1, 1886.</td>
<td></td>
</tr>
<tr>
<td>9&quot; 9&quot; 9&quot; 9&quot; 9&quot; 9&quot; 9&quot; 9&quot; 9&quot;</td>
<td>5,000</td>
<td>5</td>
<td>250 00</td>
<td>&quot;  &quot;</td>
<td>&quot; 1, 1887.</td>
<td></td>
</tr>
<tr>
<td>10&quot; 10&quot; 10&quot; 10&quot; 10&quot; 10&quot; 10&quot; 10&quot; 10&quot;</td>
<td>5,000</td>
<td>5</td>
<td>250 00</td>
<td>&quot;  &quot;</td>
<td>&quot; 1, 1888.</td>
<td></td>
</tr>
<tr>
<td>11&quot; 11&quot; 11&quot; 11&quot; 11&quot; 11&quot; 11&quot; 11&quot; 11&quot;</td>
<td>5,000</td>
<td>5</td>
<td>250 00</td>
<td>&quot;  &quot;</td>
<td>&quot; 1, 1888.</td>
<td></td>
</tr>
<tr>
<td>Martha Whitney, Note April 1, 1878</td>
<td>1,500</td>
<td>4¾</td>
<td>67 50</td>
<td>&quot;  &quot;</td>
<td>&quot; 1, 1881</td>
<td></td>
</tr>
<tr>
<td>Susan B. Whitney, Note April 1, 1878</td>
<td>1,500</td>
<td>4¾</td>
<td>67 50</td>
<td>&quot;  &quot;</td>
<td>&quot; 1, 1881</td>
<td></td>
</tr>
<tr>
<td>A. A. Learned, Note April 1, 1878</td>
<td>1,800</td>
<td>4¾</td>
<td>81 00</td>
<td>&quot;  &quot;</td>
<td>&quot; 1, 1881</td>
<td></td>
</tr>
<tr>
<td>A. Auguste Learned, Note April 1, 1878</td>
<td>1,500</td>
<td>4¾</td>
<td>38 50</td>
<td>&quot;  &quot;</td>
<td>&quot; 1, 1880</td>
<td></td>
</tr>
<tr>
<td>Bertha M. Whitney, Note April 20, 1878</td>
<td>1,000</td>
<td>4¾</td>
<td>45 00</td>
<td>&quot;  &quot;</td>
<td>&quot; 20, 1883</td>
<td></td>
</tr>
<tr>
<td>Lowell Institution for Savings.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note of April 21, 1888</td>
<td>5,500</td>
<td>6</td>
<td>330 00</td>
<td>Oct. and Apr. 21</td>
<td>Oct. 21, 1888</td>
<td></td>
</tr>
</tbody>
</table>

**Total:** $47,800

**Total Interest Due:** $2108 50
**Note**—The selectmen hold town treasurer's note for $2500; "Templeton Fund," dated August 21, 1874, on demand.

There is also in the treasury of the town the bequest of Martha Sanger, known as the "Martha Sanger Fund."

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interest allowed by the town of 5% per annum, to February 1, 1883</td>
<td>$500.00</td>
</tr>
<tr>
<td></td>
<td>37.50</td>
</tr>
<tr>
<td></td>
<td>$537.50</td>
</tr>
</tbody>
</table>

Interest on said amount to February 1, 1884, at 5%

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>26.87</td>
</tr>
<tr>
<td></td>
<td>$564.37</td>
</tr>
</tbody>
</table>

Disbursed during the year to Relief committee of Post 81, G. A. R.

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>42.00</td>
</tr>
<tr>
<td></td>
<td>$522.37</td>
</tr>
</tbody>
</table>

Balance

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Watertown, February 11, 1884.**

**JOHN K. STICKNEY, Treasurer.**
<table>
<thead>
<tr>
<th>Property Insured</th>
<th>Where Insured</th>
<th>Amount</th>
<th>Total</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centre School House</td>
<td>Home Insurance Company, New York</td>
<td>$4,000</td>
<td></td>
<td>Mar. 1, 1887</td>
</tr>
<tr>
<td></td>
<td>Etna Insurance Company, Hartford, Ct.</td>
<td>4,000</td>
<td>8,000</td>
<td>Sept. 5, 1886</td>
</tr>
<tr>
<td>East School House and Outbuildings</td>
<td>Etna Insurance Company, Hartford Ct.</td>
<td>2,000</td>
<td></td>
<td>Sept. 1, 1887</td>
</tr>
<tr>
<td></td>
<td>Home Insurance Company, New York</td>
<td>2,000</td>
<td></td>
<td>Sept. 5, 1886</td>
</tr>
<tr>
<td>West School House, Outbuildings</td>
<td>North British and Mercantile</td>
<td>2,000</td>
<td>6,000</td>
<td>Sept. 1, 1887</td>
</tr>
<tr>
<td>and Furniture</td>
<td>Home Insurance Company, New York</td>
<td>4,000</td>
<td></td>
<td>Aug. 1, 1888</td>
</tr>
<tr>
<td>New School House, Etna Mills</td>
<td>Royal Insurance Company Liverpool</td>
<td>2,000</td>
<td></td>
<td>July 10, 1884</td>
</tr>
<tr>
<td></td>
<td>Home Insurance Company, New York</td>
<td>2,000</td>
<td>4,000</td>
<td>July 16, 1887</td>
</tr>
<tr>
<td>South School House, Furniture</td>
<td>North British and Mercantile</td>
<td>3,000</td>
<td></td>
<td>Nov. 20, 1887</td>
</tr>
<tr>
<td>and Outbuildings</td>
<td>Home Insurance Company, New York</td>
<td>4,000</td>
<td>7,000</td>
<td>Sept. 5, 1886</td>
</tr>
<tr>
<td>Free Public Library Books</td>
<td>North British and Mercantile</td>
<td>4,000</td>
<td></td>
<td>Dec. 20, 1884</td>
</tr>
<tr>
<td></td>
<td>British America, Toronto</td>
<td>2,000</td>
<td></td>
<td>Feb. 27, 1885</td>
</tr>
<tr>
<td></td>
<td>Etna Insurance Company, Hartford, Ct.</td>
<td>1,000</td>
<td></td>
<td>Oct. 11, 1886</td>
</tr>
<tr>
<td>Town House and New Engine House</td>
<td>Etna Insurance Company, Hartford, Ct.</td>
<td>3,000</td>
<td></td>
<td>Sept. 1, 1886</td>
</tr>
<tr>
<td></td>
<td>Home Insurance Company, New York</td>
<td>3,000</td>
<td></td>
<td>Oct. 11, 1886</td>
</tr>
<tr>
<td></td>
<td>Royal Insurance Company, Liverpool</td>
<td>6,000</td>
<td></td>
<td>Nov. 20, 1887</td>
</tr>
<tr>
<td></td>
<td>North America, Philadelphia</td>
<td>5,000</td>
<td>15,000</td>
<td>Nov. 20, 1887</td>
</tr>
<tr>
<td>Item</td>
<td>Company</td>
<td>Amount</td>
<td>Expiration Date</td>
<td></td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>----------------------------------------</td>
<td>----------</td>
<td>-----------------</td>
<td></td>
</tr>
<tr>
<td>Armshouse, Barn and Live Stock</td>
<td>Home Insurance Company, New York</td>
<td>1,000</td>
<td>Nov. 15, 1885</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Traders and Mechanics, Lowell</td>
<td>1,000</td>
<td>Sept. 30, 1887</td>
<td></td>
</tr>
<tr>
<td></td>
<td>North America, Philadelphia</td>
<td>1,000</td>
<td>Sept. 10, 1887</td>
<td></td>
</tr>
<tr>
<td>Barn</td>
<td>Traders and Mechanics, Lowell</td>
<td>1,500</td>
<td>June 1, 1884</td>
<td></td>
</tr>
<tr>
<td>Live Stock</td>
<td>Etna Insurance Company, Hartford, Ct.</td>
<td>1,500</td>
<td>June 9, 1884</td>
<td></td>
</tr>
<tr>
<td>Hospital Building</td>
<td>Guardian Insurance Co., London</td>
<td>500</td>
<td>July 10, 1888</td>
<td></td>
</tr>
<tr>
<td>High School House and Philosophical Apparatus</td>
<td>North British and Mercantile</td>
<td>5,000</td>
<td>Nov. 26, 1888</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Guardian Insurance Co., London</td>
<td>5,000</td>
<td>July 10, 1888</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Home Insurance Company, New York</td>
<td>5,000</td>
<td>Dec. 16, 1888</td>
<td></td>
</tr>
<tr>
<td></td>
<td>North America, Philadelphia</td>
<td>2,500</td>
<td>Oct. 12, 1888</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hartford Fire Insurance Co., Hartford, Ct.</td>
<td>2,375</td>
<td>Feb. 13, 1887</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Royal Insurance Company, Liverpool</td>
<td>5,000</td>
<td>Aug. 23, 1888</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Home Insurance Company, Philadelphia</td>
<td>1,000</td>
<td>Feb. 7, 1889</td>
<td></td>
</tr>
<tr>
<td>Furniture</td>
<td>Home Insurance Company, Philadelphia</td>
<td>750</td>
<td>Mar. 2, 1888</td>
<td></td>
</tr>
<tr>
<td>Annex</td>
<td>London Assurance Corporation</td>
<td>2,000</td>
<td>Feb. 8, 1887</td>
<td></td>
</tr>
<tr>
<td>Lowell School House</td>
<td>Middlesex Mutual Insurance Company</td>
<td>1,500</td>
<td>Nov. 1, 1887</td>
<td></td>
</tr>
<tr>
<td>Tilton House</td>
<td>Queen Insurance Company, Liverpool</td>
<td>5,000</td>
<td>Sept. 21, 1888</td>
<td></td>
</tr>
<tr>
<td>New Library Building</td>
<td>Lancashire Insurance Co., Manchester</td>
<td>5,000</td>
<td>Sept. 21, 1888</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>10,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>164,225</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Policies expiring during the year, $9,000.

Watertown, February 11, 1884.

JOHN K. STICKNEY, Treasurer.
REPORT OF THE SURVEYOR OF HIGHWAYS.

The undersigned herewith respectfully submits to the town, his report of the Highway Department, for the year ending January 31st, 1884.

The amount appropriated for Highways was $10,000 to which should be added $4065.79 for work done outside, and credited to the Highway Department.

The condition of our streets will compare favorably with that of our neighboring cities and towns, although the extreme drought of last summer, seems to have affected the streets more than any previous year for a long time, and the coming year bids fair to create greater demands on the department than usual to keep them in a satisfactory condition. The demand for repairs of our streets is constantly growing, there being a steady increase of travel over them, largely from without our borders, rendering it necessary to renew them oftener; and as material for this purpose is each year more difficult to obtain an increased expenditure is the result.

The cost of macadamizing a street like Arsenal street to a depth of 7 inches in the center, averages $1.50 per running foot, and on Market and Mount Auburn streets is about $1.25 per foot.

There is about 1000 feet on Arsenal street, 2000 feet on Market street, 500 feet on Mount Auburn street, and one side of Galen street that should be macadamized this season; besides the regular repairs that are needed every year. In view of these facts and also that the drainage of the Franklin street district, — which has long been a puzzle, but now seems in a fair way to be satisfactorily decided, — should be attended to this year, I feel constrained to ask for an increased appropriation.
There has been 2500 tons of crushed stone placed upon the streets during the year, distributed as follows: —

125 tons on Mount Auburn street near the Railroad bridge.
475 " " Mount Auburn street between Walnut street and the cemetery.
300 " " Pleasant street, near Galen street.
500 " " Main street at the Railroad bridge.
600 " " Galen street on the west side from the bridge to near Morse street.
120 " " Arsenal street at the bridge.
475 " " Arsenal street near Elm street.

The following streets have received coatings of gravel:—
Arlington, Bemis, Cottage, Church, Center, Common, Franklin, Irving, Lexington, Palfrey, Parker, Pleasant, Marshall, Spring, Summer, Walnut and Winter.

A portion of the abutment wall on Market street, near the U. S. Arsenal, was relaid; the remainder is in a bad condition.

There has been 1400 feet of drain pipe laid as follows: —
140 feet of 6 in. pipe on Boyd and Galen streets.
190 " " 8 in. " " Galen and Water streets.
450 " " 8 in. " " Watertown and Morse streets.
75 " " 8 in. " " Bemis and Pleasant streets.
300 " " 10 in. " " Arlington street.
240 " " 12 in. " " Main street.

11 catch basins have also been constructed, one on Boyd street, two on Galen street, one on Watertown street, two on Pleasant street, one on Mount Auburn street, one on Common street, two on Main street and one on Russell Avenue.

The subject of surface drainage of the streets is an important one; and although the first cost may appear considerable, the fact that well drained streets call for less repairs than those where the drainage is imperfect, should commend it to the attention of the town.

There has been 1489 feet of curbing laid by this department, in connection with the new sidewalk on the west side of Galen
street, and it would be a good move if the concrete walk on the east side had a similar protection.

This department was given the opportunity of performing the labor of filling at the bridge on Main street for the Railroad Co. The bridge was raised two feet above the old level, and 298 days' work was performed by men, and 208 by carts. This change has not only been the means of bringing quite a sum of money to be distributed in the town, but it has added greatly to the appearance of the street.

The bridges have occupied a large share of the attention of your Superintendent. In May, after a thorough inspection of the Arsenal street bridge with the Selectmen, it was found necessary to put in a new draw, and to rebuild a large portion of the bridge. Messrs. John P. Perkins & Son, well known bridge builders of Boston, were employed to do the work. This avenue was closed to travel for about six weeks. While repairs on this bridge were in progress, the Market street bridge was found to be unsafe, and in order not to close both of our main avenues at once, it received almost daily repairs.

With the opening of Arsenal street, Market street was closed to travel, and after an examination it was found necessary to build an entire new bridge; but five of the old piles being fit to use again. The same firm was employed, and the work on both bridges was performed in a most satisfactory manner.

On Sunday, July 29th, the sidewalk in front of Mr. James Burns' store, on Galen street, fell into the mill creek; this was temporarily repaired, but the coming season a new bridge will be necessary.

Later in the season the bridge on Morse street was found to be decayed, and while it was being repaired, it was thought best to remove and rebuild the dam of Boyd's pond which had been covered over in the extent of Morse street. At the same time one of the abutments was found to have settled and was relaid.

There have been many complaints made the past season of the condition of the pavement on Main street, because of noise and al-
so of the difficulty of keeping it clean. I think it would be a mistake to remove it altogether; the better plan would be to gradually replace the cobble stones with granite blocks, which are not easy to get out of shape and produce less noise. The expense of the block pavement laid, is $2.50 per square yard, and if it is thought advisable to make the change, the appropriation should be increased.

The increasing demand upon the department for the removal of ashes, has rendered it impossible for the team to make all the collections in two days, and an increased appropriation will be needed.

The procuring of stone for use at the crusher is becoming a matter of greater difficulty each year. The larger part is procured in the vicinity of Trapelow, 2\(\frac{1}{2}\) miles from the crusher, and even at that distance it is difficult to obtain a supply, as most of the old walls have been used. We have been obliged to gather stone in small quantities from the roadside, and in the corners of the fields. After the supply at the crusher is exhausted, the only other available resource, is to purchase broken stone of Mr. F. W. Mead, at $2.00 per yard, on the cars. It seems to me that the town should own a ledge, if it is possible to obtain one suitable for the purpose within a reasonable distance, from which a supply for the future can be drawn. I would therefore recommend the appointment of a committee to see if a ledge can be obtained, and report at a future meeting.

As to the supply of gravel for the streets, a sufficient quantity for the present can be obtained in different parts of the town, except in the east district, and what is used there will have to be drawn from the pit on the town farm, where there is enough of the best wearing gravel to be found within our limits, to last for several years. The past year this pit has been drained so that material can now be obtained at all seasons. In opening this pit the loam has been saved so that when the gravel has been taken out, it can be replaced and the land will then be in a better condition than ever for cultivation, for it will not be affected by drought.
I would recommend the following appropriations for the ensuing year:—

1st, That the sum of $12,000 be granted for the use of the Highway Department.

2nd, That the sum of $600 be granted for the removal of ashes and garbage.

Respectfully submitted,

CHARLES F. JACKSON.

Surveyor of Highways.
TOWN GRANTS AND APPROPRIATIONS.

The money granted by the town for the support of the various departments was as follows, viz:—

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support of schools, and paying Superintendent</td>
<td>$19,600</td>
</tr>
<tr>
<td>Fire department,</td>
<td>5,200</td>
</tr>
<tr>
<td>Support of poor,</td>
<td>4,200</td>
</tr>
<tr>
<td>Highways and drainage</td>
<td>10,000</td>
</tr>
<tr>
<td>Bridges and culverts</td>
<td>1,000</td>
</tr>
<tr>
<td>Paying interest on town debt</td>
<td>3,000</td>
</tr>
<tr>
<td>Salaries of town officers</td>
<td>2,975</td>
</tr>
<tr>
<td>Discounts and abatements</td>
<td>3,000</td>
</tr>
<tr>
<td>Paying a portion of town debt</td>
<td>5,000</td>
</tr>
<tr>
<td>Police</td>
<td>4,000</td>
</tr>
<tr>
<td>Insurance</td>
<td>450</td>
</tr>
<tr>
<td>Free Public Library, and dog tax</td>
<td>1,600</td>
</tr>
<tr>
<td>Concrete walks</td>
<td>2,000</td>
</tr>
<tr>
<td>Contingent and others</td>
<td>1,000</td>
</tr>
<tr>
<td>Street lights and lamp posts</td>
<td>3,700</td>
</tr>
<tr>
<td>Printing</td>
<td>500</td>
</tr>
<tr>
<td>Town Hall, care of</td>
<td>600</td>
</tr>
<tr>
<td>Cemeteries, &quot; &quot; &quot;</td>
<td>100</td>
</tr>
<tr>
<td>Isaac B. Patten Post 81, G. A. R.</td>
<td>200</td>
</tr>
<tr>
<td>Supply of fuel</td>
<td>1,500</td>
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<tr>
<td>State aid</td>
<td>800</td>
</tr>
<tr>
<td>Military aid</td>
<td>600</td>
</tr>
<tr>
<td>Removal of ashes and garbage</td>
<td>500</td>
</tr>
<tr>
<td>New hose for fire department</td>
<td>400</td>
</tr>
<tr>
<td>Care of public bath house</td>
<td>250</td>
</tr>
<tr>
<td>Grading Bacon Hill, constructing streets on same</td>
<td>1,000</td>
</tr>
<tr>
<td>Constructing cemetery wall</td>
<td>2,000</td>
</tr>
<tr>
<td>Fire alarm boxes</td>
<td>1,000</td>
</tr>
<tr>
<td><strong>Total grants</strong></td>
<td><strong>$76,175</strong></td>
</tr>
</tbody>
</table>
APPRAISEMENT.

Personal property at the Almshouse in Watertown, pertaining to and used on the Town Farm. $2,472 25
Pertaining to and used on highways. 3,620 25

$6,092 50

Additional inventory in detail of the above property can be seen at the Selectmen's room, in a book kept for that purpose.

OLIVER SHAW,
JEREMIAH J. SULLIVAN.  } Appraisers.
JAMES W. MAGEE.

February 1, 1884.
SCHEDULE AND VALUATION OF TOWN PROPERTY.

TOWN FARM.

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>31½ acres of land, $600</td>
<td>$18,900</td>
</tr>
<tr>
<td>Buildings on the same, as follows, viz.:</td>
<td></td>
</tr>
<tr>
<td>House</td>
<td>$2,000.00</td>
</tr>
<tr>
<td>Barn</td>
<td>2,500.00</td>
</tr>
<tr>
<td>Hospital</td>
<td>1,000.00</td>
</tr>
<tr>
<td>Personal property, as per appraisal,</td>
<td></td>
</tr>
<tr>
<td>Used on roads</td>
<td></td>
</tr>
</tbody>
</table>

| Total                           | $24,400.00|

TOWN-HOUSE AND LAND, AND ENGINE HOUSE.

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>12,920 feet of land, 60 cents</td>
<td>$7,752.00</td>
</tr>
<tr>
<td>Town-house and engine-house</td>
<td>23,500.00</td>
</tr>
<tr>
<td>Furniture in town-house, including</td>
<td></td>
</tr>
<tr>
<td>heating apparatus</td>
<td>2,500.00</td>
</tr>
</tbody>
</table>

| Total                           | 33,752.00|

HIGH SCHOOL-HOUSE.

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>57,010 feet of land</td>
<td>$6,000.00</td>
</tr>
<tr>
<td>High School-house and furniture</td>
<td>27,000.00</td>
</tr>
<tr>
<td>Philosophical apparatus</td>
<td>1,500.00</td>
</tr>
<tr>
<td>Library and piano</td>
<td>500.00</td>
</tr>
</tbody>
</table>

| Total                           | 33,000.00|

CENTRE SCHOOL-HOUSE.

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>15,318 feet of land</td>
<td>$2,500.00</td>
</tr>
<tr>
<td>School-house and furniture</td>
<td>9,000.00</td>
</tr>
<tr>
<td>Piano</td>
<td>150.00</td>
</tr>
</tbody>
</table>

| Total                           | 11,650.00|

Carried forward,                  | $110,894.50|
VALUATION OF TOWN PROPERTY.

Brought forward. $110,894 50

EAST SCHOOL-HOUSE.

27,378 feet of land. $1,300 00
School-house and furniture. 7,000 00
Piano. 150 00

WEST SCHOOL-HOUSE.

21,500 feet of land. $1,400 00
School-house and furniture. 10,000 00
Piano. 150 00

NEW WEST SCHOOL-HOUSE.

48,120 feet of land. $1,500 00
School-house and furniture. 5,000 00

SOUTH SCHOOL-HOUSE.

11,830 feet of land. $1,300 00
School-house and furniture. 9,000 00
Piano. 150 00

LOWELL SCHOOL-HOUSE.

15,648 feet of land. $450 00
School-house and furniture. 3,000 00

APPARATUS USED BY FIRE DEPARTMENT.

Steam fire engine and hose-carriage. $3,500 00
Five horses for engine and hose-carriage. 1,500 00
Hose, harnesses and furniture. 2,000 00
New hook-and-ladder truck. 600 00
Four hose-carriages. 200 00
Tender-wagon, pung, and equipments. 300 00

Carried forward. $159,394 50
VALUATION OF TOWN PROPERTY.

Brought forward, $159,394.50
Free Public Library and furniture, 12,000.00
Iron safe at Town Treasurer's, 40.00
Hay-scales, 150.00
Gravel bank on Beacon Hill, 1 2-5 acre of land, 1,000.00
Two water-carts, 450.00
Tainter gravel-lot, 350.00
Land for New Public Library, $10,000.00
Amount paid on New Public Library, 23,383.92
Titcombe land, 18,000.00
Bath-house, 800.00

Total valuation of town property, $225,668.42
AUDITOR'S REPORT.

SCHEDULE OF RECEIPTS AND EXPENDITURES FOR THE FISCAL YEAR ENDING JANUARY 31, 1884.

RECEIPTS.

Cash in treasury, February 10, 1883, $21,737 62
Received of George L. Noyes, collector, taxes and interest, 1881, 160 29
George L. Noyes, collector, taxes and interest, 1882, 2,492 92
William E. Farwell, collector, taxes and interest, 1882, 3,800 51
William E. Farwell, collector, taxes and interest, 1883, 68,201 70
Borrowed of Watertown Savings Bank, in anticipation of taxes, at 4 per cent., 20,000 00
Borrowed of the Newton National Bank, in anticipation of taxes, 10,000 00

ON ACCOUNT OF ALMSHOUSE.

Received of Treasurer of Commonwealth, temporary support State paupers, $23 99

$126,393 04
<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Received of Z. Boodey, sale of hogs, and farm produce</td>
<td>$115.76</td>
</tr>
<tr>
<td>C. J. Adams, labor of prisoners</td>
<td>$43.97</td>
</tr>
<tr>
<td>Superintendent of highways, hay and straw</td>
<td>$260.00</td>
</tr>
<tr>
<td>Rebate of aid. J. Welch</td>
<td>$8.00</td>
</tr>
<tr>
<td><strong>ON ACCOUNT OF BRIDGES AND CULVERTS.</strong></td>
<td><strong>$451.72</strong></td>
</tr>
<tr>
<td>Received of Walker &amp; Pratt Manufacturing Co., old lumber</td>
<td>$11.00</td>
</tr>
<tr>
<td><strong>ON ACCOUNT OF CEMETERIES.</strong></td>
<td><strong>$11.00</strong></td>
</tr>
<tr>
<td>Received of Alexander Gregg, sale of lots, No. 173, to F. R. Keyser</td>
<td>$45.00</td>
</tr>
<tr>
<td>No. 174, to F. K. Right</td>
<td>$12.50</td>
</tr>
<tr>
<td>Additional land to lot No. 52, O. B. Hall</td>
<td>$14.00</td>
</tr>
<tr>
<td><strong>ON ACCOUNT OF CONCRETE WALKS.</strong></td>
<td><strong>$71.50</strong></td>
</tr>
<tr>
<td>Received of George L. Noyes, Collector, from abutters</td>
<td>$210.32</td>
</tr>
<tr>
<td>Abutter, on account of assessment</td>
<td>$5.00</td>
</tr>
<tr>
<td><strong>ON ACCOUNT OF FIRE DEPARTMENT.</strong></td>
<td><strong>$215.32</strong></td>
</tr>
<tr>
<td>Received of C. W. Berry, sale of pung</td>
<td>$25.00</td>
</tr>
<tr>
<td>Sale of manure</td>
<td>$35.00</td>
</tr>
<tr>
<td>Teaming water</td>
<td>$35.00</td>
</tr>
<tr>
<td>Sale of junk</td>
<td>$4.50</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$99.50</strong></td>
</tr>
</tbody>
</table>
### AUDITOR'S REPORT.

#### ON ACCOUNT OF HIGHWAYS.

Received of Fitchburg R. R. Co.
- for labor at Main St. bridge. $2,394.08
- Library building committee, labor, filling. 15.26
- Newton and Watertown Gas Light Co., repairs on Garfield St. 16.62
- Charles F. Jackson, Superintendent of streets, for labor, Summer St. reservoir. 125.11
- For labor on sidewalks. 658.66
- For removal of ashes and garbage. 547.56
- For labor, setting pole, and grading for fire department. 15.13
- For sale of old lumber. 16.00
- For collection of ashes. 8.80
- For labor performed for sundry persons. 26.60
- For labor on bridges and culverts. 243.03

**Total** $4,065.79

#### ON ACCOUNT OF INTEREST.

Received of Union Market National Bank, interest on deposits. **$41.65**
ON ACCOUNT OF POLICE.
Received of J. H. Holt, keeper of lock-up, cash paid for lodging by travellers. $12 25

ON ACCOUNT OF PUBLIC LIBRARY.
Received of County Treasurer, dog tax, $358 24
S. F. Whitney, Librarian, fines, catalogues, etc., 103 77 $462 01

ON ACCOUNT OF SCHOOLS.
Received of Treasurer of Commonwealth, school fund, $90 95
School tuition. 20 50 $111 45

ON ACCOUNT OF STREET LIGHTS.
Received of Hackett Bro.'s, damages to lamp post, $18 00
Farley & Harvey, damages to lamp post, 17 00 $35 00

ON ACCOUNT OF TOWN HOUSE.
Received of George H. Gregg, janitor, rent of hall. $250 00

MISCELLANEOUS RECEIPTS.
Received of Treasurer of Commonwealth, corporation tax, $8,478 12
Treasurer of Commonwealth, National Bank tax, 1,313 34
AUDITOR'S REPORT.

Received of Treasurer of Commonwealth, State aid, $655.00
Treasurer of Commonwealth, military aid, 238 48
Tax on ships engaged in foreign trade, 316 44
J. B. Woodward, apothecaries' license, 1 00
J. A. Sullivan, apothecary's license, 1 00
E. B. Taylor & Son, apothecary's license, 1 00
E. F. Barnes, auctioneer's license, 2 00
D. F. Trask and J. F. Lynch, rent of Titcomb House, 236 28
Thomas Patten, fees for weighing at Town Scales, 86 60
Town Treasurer, interest on John Templeton Fund, 132 00

Total receipts, $11,461 26
$143,681 49

EXPENDITURES.

To cash paid Almshouse, $6,317 32
Bridges and culverts, 5,775 03
Contingent, 3,946 48
Cemetery wall, relaying, 1,800 00
Cemeteries, care of, 123 15
Concrete walks, 2,616 40
To cash paid Discounts and abatements, $3,142.04
Fire Department, 4,979.72
Fire alarm boxes, 1,000.00
Fuel for public buildings, 1,392.52
G. A. R., I. B. Patten Post 81, 200.00
Highways and drainage, 14,042.86
Hose for Fire Department, 360.00
Insurance, 362.50
Interest, 2,858.41
Military aid, 468.79
Police, 4,486.84
Public Library, 1,746.82
Public Library building, 19,690.72
Public bath house, care of, 99.75
Printing, 583.25
Removal of ashes and garbage, 547.56
Schools, 19,107.13
Salaries, 2,675.00
Street lights and lamp posts, 3,848.70
State aid, 544.00
Town House, lighting and care, 922.31
Town debt, portion of, 5,700.00
Templeton fund, 132.00
Martha Sanger fund, 42.00
State tax, 6,675.00
National Bank tax, 1,158.91
Borrowed money, 20,000.00

Balance in treasury, $137,345.21
6,336.28
$143,681.49
Receipts and Expenditures in Detail.

**ALMSHOUSE.**

**Receipts.**

To appropriation, $4,200.00
Treasurer of the Commonwealth, temporary support of State paupers, 23.99
Z. Boodey, sale of hogs and farm produce, 115.76
C. J. Adams, labor of prisoners at house of correction, 43.97
Superintendent of highways for hay and straw, 260.00
Returned aid, John Welch, 8.00
Contingent transfer as authorized Aug. 1. 1,665.60

**Total Receipts:** $6,317.32

**Expenditures.**

**Salaries.**

Z. Boodey, superintendent one year, $500.00
George L. Noyes, agent and almoner for Overseers of the Poor, 75.00
Dr. L. S. Smith, town physician nine months, 75.00
Annie McAskill, domestic one year, 156.00

**Total Salaries:** $806.00

**Groceries.**

C. W. Berry, $195.79
E. C. & A. B. Hall, 140.62
Fay & Palmer, 2.96

**Total Groceries:** $339.37
AUDITOR'S REPORT.

FLOUR AND GRAIN.

<table>
<thead>
<tr>
<th>Company</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coffin, Magee &amp; Co.</td>
<td>$516 05</td>
</tr>
</tbody>
</table>

PROVISIONS, MEAT, FISH, ETC.

<table>
<thead>
<tr>
<th>Company</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plaisted &amp; Eames</td>
<td>$74 01</td>
</tr>
<tr>
<td>Hackett Bro's.</td>
<td>70 41</td>
</tr>
<tr>
<td>H. P. Mason</td>
<td>45 11</td>
</tr>
<tr>
<td>W. H. Lyman</td>
<td>52 96</td>
</tr>
<tr>
<td>J. H. Snow</td>
<td>39 78</td>
</tr>
</tbody>
</table>

| Total                    | $282 27 |

DRY GOODS, BOOTS, SHOES AND CLOTHING.

<table>
<thead>
<tr>
<th>Company</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Otis Brothers</td>
<td>$103 55</td>
</tr>
<tr>
<td>I. W. Pinkham</td>
<td>33 05</td>
</tr>
<tr>
<td>George E. Howes</td>
<td>2 25</td>
</tr>
<tr>
<td>A. L. Gordon</td>
<td>2 18</td>
</tr>
</tbody>
</table>

| Total                    | $141 03 |

FUEL.

<table>
<thead>
<tr>
<th>Company</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>George H. Sleeper, coal</td>
<td>$87 31</td>
</tr>
</tbody>
</table>

| Total                    | $87 31  |

FURNITURE, REPAIRS, AND CROCKERY WARE.

<table>
<thead>
<tr>
<th>Company</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luther Bent &amp; Co.</td>
<td>$6 09</td>
</tr>
<tr>
<td>George E. Adams</td>
<td>3 50</td>
</tr>
</tbody>
</table>

| Total                    | $9 59   |

HARDWARE, TOOLS, AND GRASS SEED.

<table>
<thead>
<tr>
<th>Company</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>R. H. Paine</td>
<td>$18 92</td>
</tr>
<tr>
<td>George E. Teele</td>
<td>14 48</td>
</tr>
</tbody>
</table>

| Total                    | $33 40  |

BLACKSMITHING AND REPAIRS.

<table>
<thead>
<tr>
<th>Company</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Ross</td>
<td>$24 60</td>
</tr>
<tr>
<td>J. F. Ham</td>
<td>13 53</td>
</tr>
</tbody>
</table>

| Total                    | $38 13  |
**AUDITOR'S REPORT.**

**MISCELLANEOUS REPAIRS.**

<table>
<thead>
<tr>
<th>Service Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>George McWhirter, harness repairs</td>
<td>$9.98</td>
</tr>
<tr>
<td>Whitman &amp; Barnes Manufacturing Co., express and repairs on knife</td>
<td>3.95</td>
</tr>
<tr>
<td>Berry &amp; Moody, carpenter work</td>
<td>14.65</td>
</tr>
<tr>
<td>A. D. Drew, repairing boots and shoes</td>
<td>6.40</td>
</tr>
<tr>
<td>Lucius Bemis, mason work</td>
<td>5.00</td>
</tr>
<tr>
<td>Moses Whiting, carpenter work</td>
<td>66.63</td>
</tr>
</tbody>
</table>

**Miscellaneous.**

<table>
<thead>
<tr>
<th>Service Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire department, manure</td>
<td>$35.00</td>
</tr>
<tr>
<td>J. Albert Sullivan, medicines</td>
<td>12.78</td>
</tr>
<tr>
<td>Z. Boodey, fares to State almshouse</td>
<td>5.01</td>
</tr>
<tr>
<td>Z. Boodey, cash paid for labor, apples, chickens, and sundry repairs</td>
<td>36.15</td>
</tr>
<tr>
<td>Alexander Gregg, burial of Abigail Gardner</td>
<td>27.00</td>
</tr>
<tr>
<td>E. O. Jennison, shotes</td>
<td>35.50</td>
</tr>
<tr>
<td>Whittemore Brothers, plow</td>
<td>8.00</td>
</tr>
<tr>
<td>Martin L. Baker, labor</td>
<td>109.50</td>
</tr>
<tr>
<td>Walker &amp; Pratt Manufacturing Co., linings, brushes, etc.</td>
<td>3.57</td>
</tr>
<tr>
<td>Gilkey &amp; Stone, lumber and plaster</td>
<td>52.03</td>
</tr>
<tr>
<td>T. P. Emerson, express</td>
<td>2.80</td>
</tr>
<tr>
<td>Howard Brothers, ice</td>
<td>25.00</td>
</tr>
<tr>
<td>George H. Willard, cow</td>
<td>28.00</td>
</tr>
<tr>
<td>J. B. Rogers, killing hogs</td>
<td>4.50</td>
</tr>
<tr>
<td>Henry Russell, turpentine</td>
<td>15.00</td>
</tr>
<tr>
<td>J. B. Woodward, medicines</td>
<td>10.45</td>
</tr>
</tbody>
</table>

**Grand Total:** $395.44

**Grand Total:** $2,755.70
BOOKER, Bridget, aid by city of Boston, and rent, $93.99
Broderick, Mrs. Dennis, orders for fuel and groceries, 105.35
Butterfield, Harriet L., at Worcester Lunatic Hospital, 186.21
Barton, O. I., for fuel and groceries, 17.89
Bacon, Elizabeth, aid by city of Boston, 6.00
Burke, Mrs. James, order for groceries, 15.88
Claflin, R. F., orders for fuel, 15.30
Clarke, Mrs. B., orders for groceries, 54.37
Chase, Mrs. Charles, orders for groceries, 51.00
Carey, Mrs. Mary, burial, 21.00
Croft, John P., board and clothing, House of Reformation, 136.29
Clouse, Mrs. Ellen A., orders for groceries, 60.00
Cosgrove, John, orders for fuel and groceries, 12.30
Dailey, Mary A., aid by $5 a month, 60.00
Fing, Mrs., orders for groceries, and medical attendance, 56.42
Fearick, Mrs. Mary, orders for fuel and groceries, 70.20
Flynn, Margery, at Worcester Lunatic Hospital, 193.96
Fenton, Martha A., at Taunton Lunatic Hospital, 172.41
Ford, Amelia, at Danvers Lunatic Hospital, 179.11
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glynn, Mrs. James</td>
<td>orders for groceries and medicines</td>
<td>$10.50</td>
</tr>
<tr>
<td>Galvin, Maurice</td>
<td>orders for flour, fuel and medicines</td>
<td>54.83</td>
</tr>
<tr>
<td>Gallagher, Mrs. Michael</td>
<td>orders for flour, and monthly aid</td>
<td>27.50</td>
</tr>
<tr>
<td>Hughes, Mary</td>
<td>orders for fuel and groceries</td>
<td>87.43</td>
</tr>
<tr>
<td>Hall, Richard</td>
<td>orders for fuel and groceries</td>
<td>11.95</td>
</tr>
<tr>
<td>Kelly, Mary</td>
<td>orders for fuel and groceries</td>
<td>105.81</td>
</tr>
<tr>
<td>McNear, Charles</td>
<td>at House of Correction</td>
<td>29.49</td>
</tr>
<tr>
<td>Morris, E. O.</td>
<td>orders for fuel, rent, and nurse</td>
<td>116.42</td>
</tr>
<tr>
<td>Meagher, Mrs. C.</td>
<td>orders for fuel and groceries</td>
<td>65.28</td>
</tr>
<tr>
<td>Mullen, William</td>
<td>orders for fuel and groceries</td>
<td>80.50</td>
</tr>
<tr>
<td>McGurk, Hannah</td>
<td>at State almshouse</td>
<td>156.43</td>
</tr>
<tr>
<td>Moore, George H.</td>
<td>at Reform school</td>
<td>37.29</td>
</tr>
<tr>
<td>McLaughlin, Lawrence</td>
<td>aid by city of Newton</td>
<td>12.00</td>
</tr>
<tr>
<td>Nugent, Miss</td>
<td>aid by $5 a month</td>
<td>60.00</td>
</tr>
<tr>
<td>Nicholson, Patrick</td>
<td>order for groceries</td>
<td>1.50</td>
</tr>
<tr>
<td>Norcross, Mrs. Allan</td>
<td>rent, fuel, and medicines</td>
<td>74.84</td>
</tr>
<tr>
<td>O'Keefe, Michael</td>
<td>at House of Correction</td>
<td>61.26</td>
</tr>
<tr>
<td>Quinlan, John</td>
<td>aid by town of Framingham</td>
<td>122.35</td>
</tr>
<tr>
<td>Richardson, Mary A..</td>
<td>rent and orders for groceries</td>
<td>33.26</td>
</tr>
</tbody>
</table>
Sullivan, Florence, dry goods, fuel and medicines, $25.27
Shea, Mrs., provisions, groceries, medicines, and medical attendance, 398.41
Spilaine, Mrs., groceries and fuel, 97.64
Sias, John H., board and clothing, House of Reformation, 102.00
Sullivan, John J., orders for groceries, fuel and dry goods, 67.48
Spaulding, E. G., orders for groceries, Travellers, aid by refreshments, 19.05
Victory, orders for dry goods and shoes, 3.90
Vahey, Mrs. John, orders for provisions, fuel and groceries, 102.63
Walker, Charles E., twelve months' aid, 30.00
Ward, John M., aid by city of Chelsea and Boston, 11.41
Welch, Michael, at House of Correction, 26.51

**BRIDGES AND CULVERTS.**

To appropriation, $1,000.00
Walker & Pratt Manufacturing Co., old lumber, 11.00
Contingent transfer authorized
Aug. 1, 4,764.03

**Expenditures.**

To John P. Perkins, labor and spikes, Market and Arsenal streets, $2,545.86
G. Fuller & Son, lumber, $321.96
AUDITOR'S REPORT.

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>To McQuestern &amp; Co., hard pine lumber</td>
<td>615 55</td>
</tr>
<tr>
<td>P. S. Hucksins &amp; Co., hard pine lumber</td>
<td>250 21</td>
</tr>
<tr>
<td>Daniel Johnson, piles</td>
<td>322 00</td>
</tr>
<tr>
<td>Gilkey &amp; Stone, lumber</td>
<td>716 28</td>
</tr>
<tr>
<td>Patrick Grace, stone</td>
<td>28 00</td>
</tr>
<tr>
<td>A. D. Henderson, fuel for pile driver</td>
<td>6 25</td>
</tr>
<tr>
<td>Moses Whiting, carpenter work</td>
<td>24 80</td>
</tr>
<tr>
<td>Walker &amp; Pratt Manufacturing Co., castings and weights</td>
<td>134 78</td>
</tr>
<tr>
<td>H. F. Merrifield, shafting and labor</td>
<td>190 59</td>
</tr>
<tr>
<td>George E. Teele, nails and spikes</td>
<td>42 04</td>
</tr>
<tr>
<td>Pevear &amp; Russell, brick</td>
<td>3 00</td>
</tr>
<tr>
<td>John Ross, bolts and bands</td>
<td>13 68</td>
</tr>
<tr>
<td>W. C. Foley, bolts and iron work</td>
<td>42 83</td>
</tr>
<tr>
<td>A. L. Thompson, carpenter work</td>
<td>153 85</td>
</tr>
<tr>
<td>R. H. Paine, bolts, spikes and nails</td>
<td>11 32</td>
</tr>
<tr>
<td>Murray &amp; Donahoe, stone cutting</td>
<td>9 00</td>
</tr>
<tr>
<td>Thomas Ferden, painting</td>
<td>50 75</td>
</tr>
<tr>
<td>Charles Cummings, mason work</td>
<td>4 60</td>
</tr>
<tr>
<td>S. F. Stearns, night watchman</td>
<td>1 25</td>
</tr>
<tr>
<td>Michael Carroll, &quot;</td>
<td>16 25</td>
</tr>
<tr>
<td>H. P. Hubbard, &quot;</td>
<td>1 25</td>
</tr>
<tr>
<td>Charles F. Jackson, Superintendent, cash paid lighting lanterns,</td>
<td>26 90</td>
</tr>
<tr>
<td>laying brick, drilling stone, and cement</td>
<td></td>
</tr>
<tr>
<td>Superintendent of Highways, labor on bridge</td>
<td>242 03</td>
</tr>
</tbody>
</table>

Total: $5,775 03
AUDITOR'S REPORT.

CONTINGENT.

To appropriation, $1,000 00
Treasurer of Commonwealth, corporation tax, 8.478 12
Treasurer of Commonwealth, balance of National Bank tax, 154 43
Treasurer of Commonwealth, on account of State Aid, 655 00
Treasurer of Commonwealth, on account of Military Aid, 238 48
Treasurer of Commonwealth, tax on ships engaged in foreign trade, 316 44
J. B. Woodward, apothecary’s license, 1 00
J. Albert Sullivan, apothecary’s license, 1 00
E. B. Taylor & Son, apothecary’s license, 1 00
E. F. Barnes, auctioneer’s license, 2 00
D. F. Trask and J. F. Lynch, rent of Titcomb House, 236 28
Thomas Patten, fees for weighing at Town Scales, 86 60
Overlay of taxes, $11,170 35

Expenditures.

To W. H. Ingraham, reading and comparing records, $28 50
W. H. Ingraham, labor with tax commissioners, 17 50
W. H. Ingraham, making copy of return of tax list, 17 00

$13,190 20
AUDITOR’S REPORT.

To W. H. Ingraham, recording and indexing births, marriages and deaths, $77 35
Annie M. Murphy, copying and reading town records, 141 50
A. H. Stone, distributing Town Reports and warrants, 4 50
Philemon Priest, ringing bell. 3 75
William Weir, damages received on Arsenal street, 30 00
George L. Noyes, transcribing and verifying Town Records, 46 75
Hiram Williamson, ringing bell, 7 50
McLauthlin & Co., assessors’ and collector’s books, stationery, etc., 39 45
J. K. Stickney, cash paid for check book, postage, etc., 8 40
Union Market Bank, check book, 1 50
Conant & Hall, treasurer’s record book, 12 00
Thomas Gavin, laying wall south side Arsenal street, 610 30
Thomas Gavin, laying and pointing wall, Galen street, 637 07
R. M. Pulsifer & Co., advertising reward in Carleton murder case, 3 38
Globe Newspaper Co., advertising reward in Carleton murder case, 3 00
Journal Newspaper Co., advertising reward in Carleton murder case, 3 00
E. V. Howard, expenses in Carleton murder case, 80 00
To Wiggin & Wood, detectives in Carleton murder case, $1,070.64
A. F. Haynes, plan of Carleton house, 5.00
William Rogers, care of town clock one year, 50.00
Mrs. James Murphy, in full for injuries received by fall on the ice, 179.50
Fred. G. Barker, printing stamped envelopes, 8.11
Charles F. Jackson, cash paid for cutting flagstaff and repairing pump, 3.75
Frank M. Kelly, making copy of tax list, return to State, 19.50
Berry & Moody, labor on hay scales, 16.99
John Ross, repairing water cart and pump, 10.20
S. S. Gleason, stamps and stamped envelopes, 8.86
S. S. Gleason, advertising warrants, notices, etc., 80.75
L. P. Wiley, refreshments to town officers at Town Meetings, 35.50
E. R. Hoar, legal services, 7.50
George F. Morgan, recording abstracts of deeds, 19.35
Hollingsworth & Whitney, stock and labor, fence at Paper Mill bridge, 21.45
Henry Russell, painting fence at Paper Mill bridge, 23.37
G. H. Gregg, testing town scales, 1.00
AUDITOR'S REPORT.

To George H. Gregg, distributing town warrants, $6 00
Walker & Pratt Manufacturing Co., dippers, and repairs on water cart, 3 44
Waltham Daily Tribune, advertising petition to legislature, 5 87
Fred L. Noyes, cash paid for book, outside aid, 1 00
A. D. Henderson, raising draw, 99 00
T. P. Emerson, expressage, 6 90
Arthur Hudson, analysis of water, 5 00
C. W. Berry, jug for water for analysis, 40
Thomas Patten, salary as weigher at Town Scales, 43 30
Thomas Patten, book of tickets, 1 50
S. L. Batchelder, refreshments to town officers at town meetings, 33 00
George S. Bowen, pump repairs, 3 00
Dr. A. Hosmer, death certificate, 9 00
Clerk of Courts, copy of laying out Arsenal street, 7 00
P. J. Kelly, horse hire, police and assessors, 22 00
Charles F. Jackson, cash paid for cement, Summer street reservoir, 1 65
Murray & Donohoe, stone cutting Summer street reservoir, 8 00
A. L. Thompson, carpenter work, Summer street reservoir, 10 45
Hugh Doherty, stone. Summer street reservoir, 31 75
AUDITOR'S REPORT.

To Pevear & Russell, brick, Summer street reservoir, $12.60
Gilkey & Stone, cement and lumber, Summer street reservoir, 5.79
John A. York, mason work, Summer street reservoir, 12.89
Thomas Gavin, stone, Summer street reservoir, 10.00
Wm. E. Farwell, collector, books, postage and labor on voting list, 35.30
Walker & Pratt Manufacturing Co., pipes, and cleaning furnace at Titcomb house, 17.05
Superintendent of Highways, labor on Summer street reservoir, 125.11
Moses Whiting, moving fire alarm poles, 7.11
H. W. Martin, check list boards, 2.00
Alexander Gregg, making returns 70 deaths, 17.50
George B. Stockwell, horse hire, police and selectmen, 64.50
Charles Cummings, ringing bell, 3.00
Festus Eagan, repairs at Titcomb house, 145.00

The following amounts were transferred from this account by the Board of Selectmen, authorized by a vote of the town, August 1, to meet deficiencies in these departments: —

Almshouse, $1,665.60
Bridges and culverts, 4764.03
Concrete walks, 401.08
Police, 474.59
Printing, 83.25

Total $3,946.48
## AUDITOR'S REPORT.

Removal of ashes and garbage. $47.56  
Street lights and lamp posts. $113.70  
Town House; lighting and care of. $72.31  
Town debt, paying portion of. $700.00  

Unexpended balance, $8,332.12  
$12,268.60  
$921.60  
$13,190.20  

## CEMETERIES.

To appropriation. $100.00  
Alexander Gregg, sale of grave lot No. 173, to F. R. Keyser. $45.00  
Alexander Gregg, sale of grave lot No. 174, to F. K. Right. $12.50  
Alexander Gregg, sale of addition to lot No. 52, O. B. Hall. $14.00  

$171.50  

## Expenditures.

To Alexander Gregg, care of cemeteries, $120.00  
R. H. Paine, broom. $65.00  
W. C. Foley, repairing bier. $2.50  

Unexpended balance. $123.15  
$48.35  

$171.50  

## CEMETERY WALL.

To appropriation. $2,000.00  

$2,000.00
AUDITOR'S REPORT.

Expenditures.
To Thomas Gavin, relaying wall with cap stone, and pointing, $1,800.00
Unexpended balance, 200.00
$2,000.00

CONCRETE WALKS.
To appropriation, $2,000.00
George L. Noyes, collected from abutters, 210.32
Abuttors on account of assessment, 5.00
Contingent transfer authorized Aug. 1, 401.08
$2,616.40

Expenditures.
To Harwood & Quincy, laying brick sidewalk front of Dye House, $92.67
Payson & Co., relaying brick sidewalk, 12.67
D. F. Tripp, concrete on Main and Galen streets, 931.69
Kidney & Libby, edgestones, 854.79
Murray & Donohoe, cutting edgestones, 14.40
A. L. Thompson, labor, 7.65
John Ross, conductor pipes and clamps, 9.22
R. H. Paine, iron gutter pipes, 28.10
Davis & Farnum Manufacturing Co., iron gutter pipes, 6.64
Highway department, labor, 658.66
$2,616.40
AUDITOR’S REPORT.

DISCOUNTS AND ABATEMENTS.

To appropriation, $3,000 00
Interest collected, 333 17

$3,333 17

Expenditures.

To George L. Noyes, ex-collector,
abatement of tax, 1881, $16 00
William E. Farwell, collector,
abatement of tax, 1882, 256 00
William E. Farwell, collector,
abatement of tax, 1883, 352 07
William E. Farwell, collector,
discount on tax, 1883, 2,517 97

Unexpended balance, $3,142 04
191 13

$3,333 17

FIRE DEPARTMENT.

To appropriation, $5,200 00
C. W. Berry, sale of manure, 35 00
" " pung, 25 00
" " junk, 4 50
teaming water, 35 00

$5,299 50

Expenditures.

PAY ROLLS.

To board of engineers one year to Feb. 1, 1884, $285 00
Hosemen Steam Fire Engine Co.,
one year to Feb. 1, 1884, 760 00
Hook and Ladder Co., one year
to Feb. 1, 1884, 510 00
J. H. Holt, engineer, one year to Feb. 1, 1884, 900 00
AUDITOR'S REPORT.

To Moses Pattee, driver, one year to Feb. 1, 1884, $720.00
J. R. Harrison, stoker, one year to Feb. 1, 1884, 75.00
J. R. Harrison, relief engineer and driver, 70.00
A. Flanders, driver of hose carriage, 45.83
J. A. York, testing hose, 4.50
M. Carroll, extra services, 6.25

$3,376.58

HAY, STRAW AND GRAIN.

To Coffin, Magee & Co., $545.24

$545.24

FUEL AND LIGHTS.

To Pevear & Russell, Cannel coal, $31.50
Newton & Watertown Gas Light Co., gas, 98.00

$129.50

SHOEING.

To J. F. Ham, $87.78

$87.78

REPAIRS.

To John Ross, wheelwright and blacksmithing, $88.50
Getchell Improvement Metal Co., castings, 8.25
George E. Teele, hardware, 54.95
Moses Whiting, carpenter work, 132.28
George McWhirter, harness repairs, 51.26
Walker & Pratt Manufacturing Co., sundry repairs, 39.96
## AUDITOR'S REPORT.

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>To Braman Dow &amp; Co., plugs, nipples, valves, etc.</td>
<td>$15 64</td>
</tr>
<tr>
<td>R. Mitchell &amp; Co., castings and labor on engine</td>
<td>7 65</td>
</tr>
<tr>
<td>Benedict &amp; Burnham, brass rods</td>
<td>5 85</td>
</tr>
<tr>
<td>Hollingsworth &amp; Whitney, Co., pipes, and labor of machinist</td>
<td>5 23</td>
</tr>
<tr>
<td>J. H. Perkins, labor on engine</td>
<td>16 00</td>
</tr>
<tr>
<td>Thomas Patten, harness repairs</td>
<td>33 55</td>
</tr>
<tr>
<td>Hunneman &amp; Co., valve springs</td>
<td>7 20</td>
</tr>
<tr>
<td>Barrett Brothers, labor on engine</td>
<td>12 63</td>
</tr>
<tr>
<td>R. H. Paine, hardware</td>
<td>8 60</td>
</tr>
<tr>
<td>James Boyd &amp; Son, repairing hose</td>
<td>13 33</td>
</tr>
<tr>
<td>A. Griswold, painting and lettering ladders, etc.</td>
<td>14 43</td>
</tr>
<tr>
<td>Summers &amp; Hunt, valves</td>
<td>8 50</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$516 07</strong></td>
</tr>
</tbody>
</table>

### MISCELLANEOUS.

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Ross, supply ping</td>
<td>$110 00</td>
</tr>
<tr>
<td>C. W. Berry, salt, oil, brushes, pails, matches, etc.</td>
<td>28 74</td>
</tr>
<tr>
<td>Edwin Rogers, copper sulphate, jars, and galvanometer</td>
<td>71 38</td>
</tr>
<tr>
<td>Charles E. Berry, hames and collars</td>
<td>27 00</td>
</tr>
<tr>
<td>Mrs. J. Barry, washing bed clothing</td>
<td>24 00</td>
</tr>
<tr>
<td>New England Telephone Co., extension bell</td>
<td>5 00</td>
</tr>
<tr>
<td>L. Bent &amp; Co., sheets, pillows and comforters</td>
<td>14 25</td>
</tr>
<tr>
<td>T. P. Emerson, expressage</td>
<td>4 55</td>
</tr>
<tr>
<td>Fred G. Barker, stationery</td>
<td>5 00</td>
</tr>
</tbody>
</table>
McLauthlin & Co., printing postcards and notices, $2 45
Thomas Gavin, teaming water, 6 00
E. H. Atwood, expressing, 1 55
J. B. Woodward, horse medicines, 14 00
Highway department, setting pole and grading yard, 15 13

$324.55

$4,979.72
$319.78

$5,290.50

Unexpended balance.

FIRE ALARM BOXES.

To appropriation, $1,000.00
Expenditures.
To Edwin Rogers, extending fire alarm system, as per contract, $1,000.00

$1,000.00

$1,000.00

FUEL FOR PUBLIC BUILDINGS.

To appropriation, $1,500.00
Expenditures.
To Pevear & Russell, fuel to High and Centre schools, $388.00
Thomas Gavin, fuel to South, West, and Etna Mills schools, 352.80
A. D. Henderson, fuel to Town House, 343.75
Geo. H. Sleeper, fuel to East and Lowell schools, and Town House, 240.63

$1,500.00

$1,500.00
AUDITOR’S REPORT.

Aiken & Woodward, charcoal. $67 34 $1,392 52
Unexpended balance. 107 48
$1,500 00

**GRADING BACON HILL.**

To appropriation, $1,000 00 $1,000 00
No expenditures.

**G. A. R., I. B. PATTEN POST 81.**

To appropriation, $200 00 $200 00
Expenditures.

To Charles H. White, treasurer, $200 00 $200 00

**HIGHWAYS AND DRAINAGE.**

To appropriation, $10,000 00
Fitchburg Railroad Co. for labor 2,394 08
at Main street bridge.
Library Building Committee, for 15 20
labor, filling,
Newton & Watertown Gas Light 16 62
Co., repairs on Garfield street.
Contingent department, labor on 125 11
Summer street reservoir,
Sidewalk department, labor on 658 66
sidewalks.
Health department, removal of 547 56
ashes and garbage,
Fire department, setting poles and 15 13
grading yard,
Bridge department, labor on 242 03
bridges.
Charles F. Jackson, Superintendent, sale of old lumber, $16 00
Collection of ashes, 8 80
Labor for sundry persons, 26 60

$14,065.79

Expenditures.

To Charles F. Jackson, Superintendent, pay rolls, $9,661.08
Patrick Doody, labor, 26 40

$9,687.48

Material for Roads.

To Frank W. Mead, crushed stone, $1,000.00
John Sullivan, gravel, 33 50
John Coolidge estate, gravel, 33 00
Mrs. Gray, gravel, 1 35
Michael Hewes, gravel, 6 55
J. E. Cassidy, gravel, 40 35
J. S. Williams, gravel, 13 85
John Wallace, stone for crusher, 125 50
Mrs. S. L. Harrington, stone for crusher, 29 25
D. F. Tripp, stone for crusher, 37 32
Patrick Grace, stone, 20 00
Bradshaw Whitney, stone for crusher, 29 50

$1,370.17

Hay, Straw, and Grain.

To Coffin & Magee, grain, $422.53
Almshouse department, hay and straw, 260.00
Charles F. Jackson, Superintendent, cash paid for salt hay, 2 50

$685.03
AUDITOR'S REPORT.

HORSE SHOEING AND BLACKSMITHING.

To John Ross, blacksmithing and wheelwright repairs, $264.05
W. C. Foley, blacksmithing and wheelwright repairs, 198.19
Patrick Regan, horse shoeing and sharpening picks, 89.75
M. J. Nolan, horse shoeing, 88

$552.87

FENCE MATERIAL AND CARPENTER WORK.

To Gilkey & Stone, lumber, $34.08
C. E. Lougee, carpenter work, 12.48
Moses Whiting, sign posts and boards, 54.93
Berry & Moody, carpenter work, 78.88

$180.37

REPAIRS.

To George McWhirter, blankets, and harness repairs, $79.70
Thomas Patten, new harness, and repairs, 50.57
Farrell Foundry and Machine Co., repairs on crusher, 130.22
New England Machine Co., repairs on crusher, 28.05
South Boston Iron Foundry, castings, 17.55

$306.09

MISCELLANEOUS.

To Charles W. Berry, salt, oil, and oat meal, $19.68
George D. Loud, leather pump heads, 2.00
To A. Griswold, painting and lettering sign boards, $20.35
Charles F. Jackson, Superintendent, cash paid for brushes, books, drag, freight, fares, telegrams, etc., 31.81
H. W. Clapp, sewer inlet caps, 41.02
Thomas Gavin, sand, 9.75
Nathaniel Jenkins, pump for Common street, 30.00
J. T. Blaisdell, stock, labor, boxing pump, 8.50
R. H. Paine, hardware, tools and drain pipe, 67.22
Otis Brothers, rubber boots, 10.50
Lucius Bemis, mason work, 5.03
T. P. Emerson, cash paid for castings and express, 19.00
Murray & Donohoe, granite chips and cesspool covers, 52.00
Walker & Pratt Manufacturing Co., frames and covers, and stove pipe, 65.19
Vacuum Oil Co., oil and grease, 30.25
Charles Cummings, labor on cesspools, 51.00
Thomas Furden, painting fence, 2.90
J. B. Woodward, horse medicines, 4.50
George H. Sleeper, filling on Arsenal street, 16.50
Pevear & Russell, fuel for crusher, brick, 45.97 45.35
George E. Teele, hardware tools and paint, 99.44
AUDITOR'S REPORT.

To Thomas Gavin, fuel for crusher, $48 75
H. W. Otis, drain pipe, 7 44
J. A. York, mason work, 1 92
Parker & Gannet, barrows, 7 50
E. C. & A. B. Hall, baskets, 1 30
L. H. Allen, King's English horse feed, 4 00
Warren Soap Manufacturing Co., cask, 3 50
Atwood & Shaw, expressing, 3 15
Marcellus Day estate, drain pipe, 30 27
Gould Packing Co., packing, 3 09
Sewall & Day Cordage Co., Manila rope, 7 97
D. F. Tripp, concrete at Main street bridge, 189 00

Total: $1,260 85
Unexpended balance: $1,042 86
22 93
Total: $1,065 79

HOSE FOR FIRE DEPARTMENT.

To appropriation, $400 00

Expenditures.

To J. F. Boyd & Son, 400 feet 2½ inch Paragon hose, $360 00
Unexpended balance, 360 00
40 00
Total: $400 00

INSURANCE.

To appropriation, $450 00

Total: $450 00
Expenditures.

To W. H. Ingraham, policies of insurance on town buildings and books in library, $362 50

Unexpended balance, $362 50

$450 00

Interest.

To appropriation, $3,000 00

Union Market Bank, interest on deposits, 41 65

$3,041 65

Expenditures.

To Brewster, Cobb & Estabrook, one year's interest on $30,000 at 5%, $1,500 00

Brewster, Cobb & Estabrook 6 months 3 days' interest on $5,000 due April 1, 127 08

Lowell Institution for Savings, 1 year's interest on $5,500 at 6%, 330 00

The Watertown Savings Bank, 1 year's interest on $5,000 at 5%, 250 00

Mrs. A. A. Learned, 1 year's interest on $1,800 at 4 1/2 %, 81 00

Miss A. A. Learned, 1 year's interest on $1,300 at 4 1/2 %, 58 50

Miss Martha Whitney, 1 year's interest on $1,500 at 4 1/2 %, 67 50

Miss Susan B. Whitney, 1 year's interest on $1,500 at 4 1/2 %, 67 50

Miss Bertha M. Whitney, 6 mo's interest on $1,000 at 5 %, 25 00
To Miss Bertha M. Whitney, 6 mo’s interest on $1,000 at 4 1-2 %, $22 50
Miss A. I. Norcross, 6 months, 17 days’ interest on $700 at 4 1-2 %, 17 23
Miss E. I. Norcross, 1 year’s interest on $200 at 4 1-2 %, 9 00
The Watertown Savings Bank, interest on loan notes, 171 10
John Templeton Fund, 1 year’s interest on $2,500, 132 00
Unexpended balance.

$2,858 41
183 24
$3,041 65

MILITARY AID.
Aid rendered indigent soldiers and sailors, as provided by Chapter 252, Act of 1879.
To appropriation, $600 00 $600 00

Expenditures.
To Thomas Donlan, 12 months, $72 00
Daniel Johnson, 12 “ 72 00
W. H. Ireland, 12 “ 72 00
Chas. J. Towle, 10 “ 78 00
Abram Johnson, 12 “ 174 79
Unexpended balance.

$468 79
131 21
$600 00

POLICE.
To appropriation, $4,600 00
J. H. Holt, keeper of lock-up, receipts from lodgers, 12 25
To Contingent transfer authorized  
Aug. 1,  
$\frac{474.59}{4.486.84}$  

**Expenditures.**  

To E. V. Howard, one year, to  
Feb. 1,  
George, Parker, one year, to  
Feb. 1,  
Andrew H. Stone, special,  
Michael W. Lyons, "  
Samuel E. Stearns, "  
Patrick J. Flanery, "  
James Burke, "  
Richard Newman, "  
Thomas Carroll, "  
Michael Carroll, "  
George H. Gregg, "  
Thomas Cusack, "  
Charles L. Nye, "  
Hiram McGlauflin, "  
J. D. Evans, "  
E. V. Howard, cash paid for washing blankets,  
E. V. Howard, expense detecting wool thief,  
E. V. Howard, expense looking for incendiary, Adams Cottage,  
J. H. Holt, keeper of lock-up one year,  
Newton & Watertown Gas Co., gas,  
C. W. Berry; soap, matches and sand,  
George E. Teele, lantern and keys,  

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>To E. V. Howard</td>
<td>$912.50</td>
</tr>
<tr>
<td>George, Parker</td>
<td>$912.50</td>
</tr>
<tr>
<td>Andrew H. Stone</td>
<td>$292.76</td>
</tr>
<tr>
<td>Michael W. Lyons</td>
<td>$267.50</td>
</tr>
<tr>
<td>Samuel E. Stearns</td>
<td>$395.58</td>
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<tr>
<td>Patrick J. Flanery</td>
<td>$363.50</td>
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<tr>
<td>James Burke</td>
<td>$489.36</td>
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<tr>
<td>Richard Newman</td>
<td>$161.25</td>
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<td>Thomas Carroll</td>
<td>$67.08</td>
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<tr>
<td>Michael Carroll</td>
<td>$137.50</td>
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<tr>
<td>George H. Gregg</td>
<td>$282.50</td>
</tr>
<tr>
<td>Thomas Cusack</td>
<td>$32.50</td>
</tr>
<tr>
<td>Charles L. Nye</td>
<td>$35.00</td>
</tr>
<tr>
<td>Hiram McGlauflin</td>
<td>$4.50</td>
</tr>
<tr>
<td>J. D. Evans</td>
<td>$40.00</td>
</tr>
<tr>
<td>E. V. Howard, cash paid for washing blankets</td>
<td>$4.00</td>
</tr>
<tr>
<td>E. V. Howard, expense detecting wool thief</td>
<td>$12.88</td>
</tr>
<tr>
<td>E. V. Howard, expense looking for incendiary, Adams Cottage</td>
<td>$3.00</td>
</tr>
<tr>
<td>J. H. Holt, keeper of lock-up one year</td>
<td>$60.00</td>
</tr>
<tr>
<td>Newton &amp; Watertown Gas Co., gas</td>
<td>$73.00</td>
</tr>
<tr>
<td>C. W. Berry; soap, matches and sand</td>
<td>$1.61</td>
</tr>
<tr>
<td>George E. Teele, lantern and keys</td>
<td>$1.83</td>
</tr>
</tbody>
</table>
AUDITOR'S REPORT.

To R. H. Paine, locks and keys, $5 99
L. A. Shaw, express, 50
L. Bent & Co., blankets and mattress, 15 50
Walker & Pratt Manufacturing Co., prison pails, 4 50

$4,486 84

PUBLIC LIBRARY.

To appropriation, $1,600 00
County Treasurer, dog tax, 358 24
S. F. Whitney, Librarian, catalogues, fines, etc., 103 77

$2,062 01

Expenditures.

To Solon F. Whitney, Librarian, $600 00
Miss Jane Stockwell, Assistant Librarian, 400 00
Newton & Watertown Gas Co., gas, 140 00
Lockwood, Brooks & Co., books, 239 41
Sullivan Brothers & Libbie, " 1 97
Estes & Lauriet, " 30 41
Benjamin G. Smith, " 25 00
Mass. W. C. T. Union, " 8 93
Lee & Shepard, " 12 00
N. E. Publishing Co., " 137 90
D. Lothrop & Co., " 30 01
J. D. F. Brooks, binding books, 88 12
Benjamin Pierce, Pierce's Genealogy, 3 00
Fred. G. Barker, labels and postals, 13 00
Kenny's Express, expressage, 65
T. P. Emerson, " 1 15
To J. H. Critchett & Son, express-age, $1 10
Solon F. Whitney, cash paid for books, postage, and sundries, 14 17 $1,746 82
Unexpended balance, 315 19 $2,062 01

PUBLIC LIBRARY BUILDING.
To unexpended balance, Feb. 1, 1883, $26,306 80

Expenditures.
To Daniel Perkins, on account of contract, $16,900 00
Shaw & Humnewell, plans, specification, superintending, 1,184 00
P. J. Kelly, grading grounds, 148 54
Thomas Gavin, grading grounds, 123 25
W. C. Foley, loam, and sharpening picks, 57 80
Patrick Gallagher, labor, 32 82
Joseph Richardson, 25 79
Edward Plunkett, 51 19
Samuel Noyes, 20 54
John Rinn, 19 68
Matthew Cooney, 29 29
Hugh Hart, 70 75
Daniel Quinn, 115 50
Patrick Griffin, 43 29
Richard Downing, 98 87
Dennis Coveney, 54 50
Highway Department, teaming, 15 20
Patrick Doody, manure, 26 25
Schledgel & Fottler, grass seed, 11 00
AUDITOR’S REPORT.

To Ellison, Baker & Coolidge, insurance, $37.50
S. T. Sharp, insurance, 37.50
H. P. Weale, iron fence and posts, 389.69
Hiram Williamson, janitor, 50.00
D. F. Tripp, concreting, 60.60
Pevear & Russell, fuel, 87.17

Unexpended balance, $19,690.72

PUBLIC BATH HOUSE.

To appropriation, $250.00

Expenditures.

To Gardner Mosman, keeper, $98.00
Alexander Griswold, lettering sign, 35
C. W. Berry, pail, brushes, and hooks, 1.40

Unexpended balance, $99.75

PRINTING.

To appropriation, $500.00

Contingent transfer authorized Aug. 1, 83.25

Expenditures.

To Fred. G. Barker, Town Reports and Voting Lists, $488.20
AUDITOR'S REPORT.

To McLouthlin & Co., warrants, ballots, bill heads, and notices.

$95.05

REMOVAL OF ASHES AND GARBAGE.

To appropriation,

$500.00

Contingent transfer authorized

Aug. 1,

47.56

$547.56

Expenditures.

To Superintendent of Highways, labor of removal,

$547.56

$547.56

SCHOOLS.

To appropriation,

$19,600.00

Treasurer of Commonwealth

School Fund,

90.95

School tuition,

20.50

$19,711.45

Expenditures.

SALARIES OF TEACHERS.

To George R. Dwelley, 10 months, $2,200.00

Cyrus A. Neville, 10 " 1,200.00

H. B. Doland, 10 " 1,100.00

Mrs. L. A. Campbell, 10 " 850.00

Miss Etta B. Dadmun, 10 " 750.00

Miss Ellen M. Crafts, 10 " 675.00

Miss Nellie E. Williams, 10 " 440.00

Miss Corinne Brainard, 10 " 432.50

Miss Alice I. Norcross, 10 " 440.00

Miss M. H. Macurdy, 10 " 425.00

Miss Mannie B. Patten, 10 " 425.00

Miss J. M. Riley, 10 " 425.00
AUDITOR'S REPORT.

To Miss B. L. Emerson, 10 months, $425.00
Miss Frances Hawkes, 10 " 425.00
Miss E. D. Adams, 10 " 387.50
Miss H. B. Johnson, 10 " 350.00
Miss F. B. Chandler, 10 " 337.50
Miss R. W. Howard, 10 " 325.00
Elmer E. Wentworth, 5 " 324.00
Summer Coolidge, 5 " 276.00
Miss E. P. Skinner, 5 " 265.00
Miss Mira C. Jones, 5 " 250.00
Miss Abbie L. Howard, 6 " 230.00
Miss Georgia C. Tucker, 5 " 220.00
Miss Helen S. Tolman, 5 " 220.00
Miss Emily J. Dyer, 5 " 212.50
Miss M. E. Merrill, 4 " 200.00
Miss Fannie E. Carr, 5 " 200.00
Miss M. J. McDonough, 5 " 200.00
Miss Jessie M. Rice, 5 " 200.00
Miss S. Alice Fell, 5 " 200.00
J. T. Prince, Superintendent, 5 months, 450.00
S. H. Hadley, teacher of music, 500.00
Miss Emma H. McLauhlin, teacher of drawing, 400.00

$15,960.00

SALARIES OF JANITORS AND TRUANT OFFICERS.

To George F. Robinson, 1 year, $600.00
Andrew H. Stone, 450.00
Mrs. Ryan, 60.00
Mrs. Austin, 99.96
Mira C. Jones, 25.00
Mrs. Hales, 30.00
E. V. Howard, 20.00
George Parker, 20.00
AUDITOR’S REPORT.

To Geo. F. Robinson, truant officer. $20.00
Andrew H. Stone, " " 20.00

$1344.96

BOOKS, STATIONERY AND PRINTING.

To McLouthlin & Co., books and stationery. $924.48
Charles H. Whiting, drawing material. 1.40
Fred. G. Barker, printing. 11.25
Harrison Hume, agent, books. 24.98
R. S. Davis & Co., books. 4.86
D. Lothrop & Co., books. 8.03
Thompson, Brown & Co., books. 7.05
Lee & Shepard, books. 9.80

$991.85

REPAIRS AND INCIDENTALS.

To S. F. Stearns, carpenter work. $10.37
R. H. Paine, hardware. 4.31
Lucius Bemis, coloring walls and mason work. 18.35
George S. Bowen, pump repairs. 8.25
George E. Teele, hardware. 15.32
Berry & Moody, carpenter work. 96.38
George H. Tarleton, clock repairs. 14.75
Walker & Pratt Manufacturing Co., furnace repairs. 49.25
J. T. Blaisdell, carpenter work. 43.45
J. E. Bell, repairing blackboards. 47.74
D. F. Tripp, repairing concrete. 7.10
John Ross, lengthening bar. 75.
Gilkey & Stone, lumber. 3.60
Henry Russell, paints, and setting glass. 16.92
AUDITOR'S REPORT.

To C. W. Berry, brushes, mats and pails, $35 38
Collins & Co., shades and fixtures, 4 91
S. H. Hadley, paid orchestra,
  High school exhibition, 15 00
L. A. Shaw, expressing, 4 80
A. G. Whitcomb, school furniture,
  212 85
H. W. Martin, drawing boards, 4 24
Louis J. Hoeffner, tuning pianos, 12 00
C. W. Clark, desks, 24 00
T. P. Emerson, expressage, 6 65
Thomas Gavin, cleaning vaults, 47 00
Andrew H. Stone, cleaning windows, 16 50
Charles E. Gerry, crayons, 10 50
Mrs. Austin, cleaning windows 5 50
George F. Robinson, cleaning windows, 30 00
Atwood & Shaw, expressage, 2 00
George B. Stockwell, horse hire, 9 50
Luther Bent & Co., chairs and repairs, 9 35
C. W. Stone, postage, and Journal of Education, 6 80
J. B. Woodward, chemicals, 4 80
S. S. Gleason, advertising, 12 00  $810 32

Unexpended balance, $19,107 13
  60.32
  $19,711 45

SALARIES OF TOWN OFFICERS.

To appropriation, $2,975 00
  $2,975 00
AUDITOR'S REPORT.

Expenditures.

To Board of Selectmen, Oliver Shaw, $200 00
  " J. W. Magee,  200 00
  " J. J. Sullivan,  200 00
Board of Assessors, W. H. Ingraham, 250 00
  " Frank M. Kelly,  250 00
  " James F. Lynch,  250 00
Treasurer, J. K. Stickney, 300 00
Town Clerk, W. H. Ingraham, 350 00
Collector, W. E. Farwell, 450 00
Auditor, Howard Russell, 225 00

Unexpended balance, $2,675 00

STREET LIGHTS AND LAMP POSTS.

To appropriation, $3,700 00
  Hackett Brothers, damage to lamp post, 18 00
  Farley & Harvey, damage to lamp post, 17 00
  Contingent transfer authorized Aug. 1, 113 70

$3,848 70

Expenditures.

To Globe Gas Light Co., lighting and care to May 12, $807 36
  Wheeler Reflector Co., lighting and care, May 12, to Feb. 1, 1,116 60
Newton & Watertown Gas Co., lighting and care, 1,509 00
J. J. Sullivan, attorney, bill of U. S. Street Lighting Co., 1882, held under assignment, 157 29
AUDITOR'S REPORT:

To G. S. Bowen, repairing lanterns, $14 00
C. H. Watson, labor on street lights, 11 50
Page, Harding & Co., glass, 10 80
Henry Russell, glass, 4 55
Newton & Watertown Gas Light Co., posts, frames and setting, 217 60

$3,848 70

STATE AID.

To appropriation, $800 00

$800 00

Expenditures.

To Charles F. Jackson, 1 month, $6 00
Deborah Bright, 12 " 48 00
Mary McCabe, 12 " 48 00
Maria Levally, 7 " 28 00
A. L. Flohr and wife, 11 " 66 00
Ellen Sheugrow, 12 " 48 00
J. Hallihan and wife, 12 " 72 00
Edward Lord, 12 " 72 00
Mary A. Sawtelle, 12 " 48 00
Harvey B. Chase, 2 " 12 00
J. McNamara and wife, 12 " 96 00

$544 00

Unexpended balance, 256 00

$800 00

STATE TAX.

To amount assessed, $6,675 00

$6,675 00

To amount paid Treasurer of Commonwealth, $6,675 00
AUDITOR'S REPORT.

TOWN HOUSE, LIGHTING AND CARE OF.

To appropriation, $600.00
George H. Gregg, janitor, rent of hall to February, 1884, 250.00
Contingent transfer, authorized Aug. 1, 72.31

Total, $922.31

Expenditures.

To George H. Gregg, janitor, to Feb. 1, 1884, $400.00
Newton & Watertown Gas Light Co., gas, 201.00
E. O. Morris, repairing slate roof, 32.94
C. W. Berry, soap, sand and mop, 2.31
George E. Teele, duster, brooms, keys and brushes, 13.00
R. H. Paine, hardware and lead pipe, 6.59
Moses Whiting, carpenter work, 85.92
Michael Hynes, repairing slate roof, 29.80
Berry & Moody, carpenter work, 2.25
E. C. & A. B. Hall, pail and sand, 62
George McWhirter, sponges, 1.25
George H. Gregg, cleaning, 34.00
Gilkey & Stone, gutters, 74.50
Howard Brothers, ice, 10.00
Walker & Pratt Manufacturing Co., repairing conductors, and ash barrel, 21.63
Edward Pike, gas fixtures, 1.00
Henry Russell, setting glass, 2.75
AUDITOR'S REPORT.

To Luther Bent & Co., repairing settees, $2.25
H. W. Martin, snow shovel. 50

$2.75

TOWN DEBT, PAYING PORTION OF.

To appropriation, $5,000 00
Contingent transfer, authorized Aug. 1, 700 00

$5,700 00

Expenditures.

To Brewster, Cobb & Estabrook,
note due April 1, 1883, $5,000 00
Ann I. Norcross, note of Oct. 2, 1867, 700 00

$5,700 00

THE TEMPLETON BENEFIT FUND.

The Templeton Fund of $2,500, the interest of which is distributed annually, according to the terms of the bequest (statement of which can be seen on page 65 of the Town Report for 1873), is loaned to the town by the Selectmen, they holding the Town Treasurer's note for the amount, and collecting annually (December 21,) the interest, which is the sum to be distributed.

To interest on $2,500, one year, Dec. 21, 1883, $132 00

Expenditures.

To J. H. Snow, goods delivered by order of the Selectmen, $2 00
Fay & Palmer, goods delivered by order of the Selectmen, 4 00
Boston Branch Grocery, goods delivered by order of the Selectmen, 8 00

$132 00

$132 00
To E. C. & A. B. Hall, goods delivered by order of the Selectmen, $4.00
Pevear & Russell, goods delivered by order of the Selectmen, 6.00
Jos. Flannery, goods delivered by order of the Selectmen, 4.00
Plaisted & Eames, goods delivered by order of the Selectmen, 12.00
C. W. Berry, goods delivered by order of the Selectmen, 16.00
A. L. Gordon, goods delivered by order of the Selectmen, 4.00
Levally Brothers, goods delivered by order of the Selectmen, 2.00
E. T. Field & Co., goods delivered by order of the Selectmen, 2.00
J. H. Flagg, goods delivered by order of the Selectmen, 2.00
B. F. Blanchard, goods delivered by order of the Selectmen, 2.00
Otis Brothers, goods delivered by order of the Selectmen, 36.00
Hackett Brothers, goods delivered by order of the Selectmen, 8.00
Fletcher & Towne, goods delivered by order of the Selectmen, 4.00
Lynch Brothers, goods delivered by order of the Selectmen, 4.00
Coffin, Magee & Co., goods delivered by order of the Selectmen, 2.00
W. H. Lyman, goods delivered by order of the Selectmen, 8.00
C. D. Crawford, goods delivered by order of the Selectmen, 2.00

$132.00
AUDITOR'S REPORT.

THE MARTHA SANGER BENEFIT FUND.

To amount of bequest, with interest to Feb. 1, 1883, $537 50
Interest to Feb. 1, 1884, 26 87 $564 37

Expenditures.

To Charles C. White, treasurer of I. B. Patten Post 81, G. A. R., for disbursement by the relief committee, $42 00

Balance, $42 00 $522 37

STATEMENT OF ASSETS AND LIABILITIES EXCLUSIVE OF TOWN DEBT, TO FEB. 1, 1884.

To balance in hands of treasurer, Feb. 11, 1884, $6,336 28
Due from State, on account of State aid, 544 00
Due from State, on account of military aid, 234 39
Outstanding taxes, 1882, in hands of Wm. E. Farwell, collector, 2,816 36
Outstanding taxes, 1883, in hands of Wm. E. Farwell, collector, 8,993 56
On deposit at Union Market Bank, in name of Wm. E. Farwell, collector, 5,228 68
Due from abutters on account of sidewalks, 516 70 $24,669 97

Liabilities.

To unexpended balance Public Library building, $6,616 08
To Miss Martha Sanger bequest, $500, with balance of interest to Feb. 1, 1884, $522.37
Newton National Bank, note on demand, with interest at 4%, 10,000 00
Unexpended balance, Public Library, 315 19

Surplus, $17,453 64

$7,216.33

Note. — The unexpended balances of the Public Library and Library building are classed as Liabilities, they having been appropriated and subject to call at time of closing the accounts for the year.

The above statement closes the financial department for the year. The town debt has been reduced $5,700, in accordance with the provision made for that purpose, the debt is now $47,800, and drawing annual interest as follows (see table, page 40):

\[
\begin{array}{ccc}
\text{Amount} & \text{Rate} & \text{Interest} \\
5,500.00 & 6\% & 330.00 \\
35,000.00 & 5\% & 1,750.00 \\
7,300.00 & 4\frac{1}{2}\% & 328.50 \\
\hline
47,800.00 & & 2,408.50 \\
\end{array}
\]

Respectfully submitted,

HOWARD RUSSELL, Auditor.
### Summary of Receipts, Appropriations and Expenditures for the Year Ending January 31, 1884

<table>
<thead>
<tr>
<th></th>
<th>Appropriations</th>
<th>Receipts</th>
<th>Transfers to Departments overdrawn</th>
<th>Total Expenditures</th>
<th>Unexpended Balances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Almshouse</td>
<td>$42,000</td>
<td>$451.72</td>
<td>$1,603.60</td>
<td>$86,317.32</td>
<td></td>
</tr>
<tr>
<td>Bridges and Culverts</td>
<td>1,000</td>
<td>11.00</td>
<td>4,361.00</td>
<td>3,725.00</td>
<td></td>
</tr>
<tr>
<td>Contingent</td>
<td>1,000</td>
<td>12,180.20</td>
<td></td>
<td>5,546.48</td>
<td>9,243.72</td>
</tr>
<tr>
<td>Cemetery</td>
<td>100</td>
<td>71.50</td>
<td></td>
<td>123.15</td>
<td>48.35</td>
</tr>
<tr>
<td>Cemetery Wall</td>
<td>2,000</td>
<td>1,800.00</td>
<td>1,800.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concrete Walks</td>
<td>2,000</td>
<td>215.32</td>
<td>401.08</td>
<td>2,616.40</td>
<td></td>
</tr>
<tr>
<td>Discounts and Abatements</td>
<td>5,000</td>
<td>331.17</td>
<td></td>
<td>5,142.04</td>
<td>191.18</td>
</tr>
<tr>
<td>Fire Department</td>
<td>5,000</td>
<td>59.50</td>
<td></td>
<td>4,579.72</td>
<td>619.78</td>
</tr>
<tr>
<td>Fire Alarm Boxes</td>
<td>1,000</td>
<td></td>
<td></td>
<td>1,000.00</td>
<td></td>
</tr>
<tr>
<td>Fuel for Public Buildings</td>
<td>1,500</td>
<td></td>
<td></td>
<td>1,392.22</td>
<td>167.48</td>
</tr>
<tr>
<td>Reserves</td>
<td>200</td>
<td></td>
<td></td>
<td>200.00</td>
<td></td>
</tr>
<tr>
<td>Grading Bacon Hill</td>
<td>1,000</td>
<td></td>
<td></td>
<td></td>
<td>1,000.00</td>
</tr>
<tr>
<td>Highways and Drainage</td>
<td>10,000</td>
<td>4,065.79</td>
<td></td>
<td>14,042.86</td>
<td>22.95</td>
</tr>
<tr>
<td>Hose for Fire Department</td>
<td>400</td>
<td></td>
<td></td>
<td>300.00</td>
<td>100.00</td>
</tr>
<tr>
<td>Insurance</td>
<td>450</td>
<td></td>
<td></td>
<td>362.50</td>
<td>87.50</td>
</tr>
<tr>
<td>Interest</td>
<td>3,000</td>
<td>41.50</td>
<td></td>
<td>2,808.41</td>
<td>183.24</td>
</tr>
<tr>
<td>Military Aid</td>
<td>600</td>
<td></td>
<td></td>
<td>468.79</td>
<td>131.81</td>
</tr>
<tr>
<td>Police</td>
<td>1,000</td>
<td>212.25</td>
<td>374.56</td>
<td>4,498.24</td>
<td></td>
</tr>
<tr>
<td>Public Library</td>
<td>1,060</td>
<td>402.01</td>
<td></td>
<td>1,746.82</td>
<td>315.19</td>
</tr>
<tr>
<td>Public Library Building</td>
<td>120,300</td>
<td>920.00</td>
<td></td>
<td>19,680.72</td>
<td>6,618.08</td>
</tr>
<tr>
<td>Public Bath House, care of</td>
<td>250</td>
<td></td>
<td></td>
<td>199.75</td>
<td>150.25</td>
</tr>
<tr>
<td>Printing</td>
<td>500</td>
<td></td>
<td>80.25</td>
<td>583.35</td>
<td></td>
</tr>
<tr>
<td>Removal of Ashes &amp; Garbage</td>
<td>500</td>
<td></td>
<td>47.50</td>
<td>347.50</td>
<td></td>
</tr>
<tr>
<td>Schools and Superintendent</td>
<td>19,000</td>
<td>111.54</td>
<td></td>
<td>19,107.33</td>
<td>604.32</td>
</tr>
<tr>
<td>Salaries</td>
<td>3,975</td>
<td></td>
<td></td>
<td>3,975.60</td>
<td>200.00</td>
</tr>
<tr>
<td>Street Lights &amp; Lamp Posts</td>
<td>5,700</td>
<td>35.00</td>
<td>113.70</td>
<td>3,848.70</td>
<td></td>
</tr>
<tr>
<td>State Aid</td>
<td>500</td>
<td></td>
<td></td>
<td>514.00</td>
<td>256.00</td>
</tr>
<tr>
<td>Town House, lighting &amp; care</td>
<td>1,000</td>
<td>72.31</td>
<td>72.31</td>
<td>1,122.31</td>
<td></td>
</tr>
<tr>
<td>Town Debt, paying portion</td>
<td>5,000</td>
<td>152.00</td>
<td>700.00</td>
<td>5,752.00</td>
<td></td>
</tr>
<tr>
<td>Templeton Fund</td>
<td>400</td>
<td></td>
<td></td>
<td>400.00</td>
<td></td>
</tr>
<tr>
<td>Taxes paid to Feb. 10, 1884</td>
<td>72,902.40</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>less Interest collected (carried to discounts and abatements) and overlay taxes (carried to contingent)</td>
<td>72,902.40</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>each item being included in the receipt of its respective accounts</td>
<td>72,902.40</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash in Treasury, Feb. 10, 1883</td>
<td>2,507.62</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Borrowed Money</td>
<td>30,000</td>
<td></td>
<td></td>
<td>26,000.00</td>
<td></td>
</tr>
<tr>
<td>State Tax paid</td>
<td>1,058.31</td>
<td></td>
<td></td>
<td>1,058.31</td>
<td></td>
</tr>
<tr>
<td>National Bank Tax paid</td>
<td>200.00</td>
<td></td>
<td></td>
<td>200.00</td>
<td></td>
</tr>
<tr>
<td>Balance in Treasury, February 10, 1884</td>
<td>$143,681.49</td>
<td></td>
<td></td>
<td>$143,681.49</td>
<td></td>
</tr>
</tbody>
</table>

*From balance of Contingent Account deduct transfers, $8,322.12, leaving an actual balance of $82,169.00.
†Unexpended balance, Feb. 10, 1883.
ESTIMATES FOR THE YEAR 1884.

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>For Schools and Superintendent,</td>
<td>$19,975</td>
</tr>
<tr>
<td>Fire Department and engineers,</td>
<td>5,200</td>
</tr>
<tr>
<td>Support of poor,</td>
<td>5,000</td>
</tr>
<tr>
<td>Highways and drainage,</td>
<td>12,000</td>
</tr>
<tr>
<td>Bridges and culverts,</td>
<td>1,000</td>
</tr>
<tr>
<td>Interest on town debt,</td>
<td>2,800</td>
</tr>
<tr>
<td>Salaries,</td>
<td>2,975</td>
</tr>
<tr>
<td>Discounts and abatements,</td>
<td>3,000</td>
</tr>
<tr>
<td>Paying portion of town debt,</td>
<td>5,000</td>
</tr>
<tr>
<td>Police,</td>
<td>4,500</td>
</tr>
<tr>
<td>Insurance,</td>
<td>300</td>
</tr>
<tr>
<td>Free Public Library,</td>
<td>2,000</td>
</tr>
<tr>
<td>Concrete walks,</td>
<td>2,000</td>
</tr>
<tr>
<td>Contingent, with other credits,</td>
<td>1,000</td>
</tr>
<tr>
<td>Street lights and lamp-posts,</td>
<td>3,700</td>
</tr>
<tr>
<td>Printing,</td>
<td>600</td>
</tr>
<tr>
<td>Lighting and care of Town House,</td>
<td>700</td>
</tr>
<tr>
<td>Care of cemeteries, and gravel for do.,</td>
<td>100</td>
</tr>
<tr>
<td>Isaac B. Patten Post, G. A. R.,</td>
<td>200</td>
</tr>
<tr>
<td>Fuel,</td>
<td>1,500</td>
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<tr>
<td>State Aid,</td>
<td>600</td>
</tr>
<tr>
<td>Military Aid,</td>
<td>500</td>
</tr>
<tr>
<td>Removal of ashes and garbage,</td>
<td>600</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$75,250</strong></td>
</tr>
</tbody>
</table>
WARRANT FOR TOWN MEETING.

To Ezra V. Howard, a Constable of Watertown, Greeting:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the legal voters of Watertown to meet in the Town Hall, on Monday, the tenth day of March next, at 9 o'clock, A. M., to act on the following articles, viz:

ARTICLE 1. To choose a Moderator for said meeting.

ART. 2. To choose all necessary town officers for the year ensuing.

ART. 3. To hear the reports of the town officers, and of any committees that may have been heretofore appointed, and act thereon.

ART. 4. To grant such sums of money as may be thought necessary for the use and expenses of the town the ensuing year, and for paying a portion of the town debt, direct how the same shall be raised, and act thereon.

ART. 5. To see what method the town will adopt for the collection of taxes for the ensuing year, choose a collector, and fix a compensation for his services, or take any action relating thereto.

ART. 6. To see if the town will adopt the list of jurors submitted by the Selectmen, or act thereon.

ART. 7. To see if the town will authorize the Town Treasurer, under the direction of the Selectmen, to borrow for the use of the town, such sums of money as may be necessary in anticipation of the taxes of the current year, and issue the notes of the town therefore, and all debts incurred under the authority of this article are to be payable from said taxes, or act thereon.

ART. 8. To see if the town will authorize the Town Treasu-
rer, under the direction of the Selectmen, to hire money to renew or replace, or pay any existing loan or loans, or any part thereof, and to issue the notes of the town therefor, or act thereon.

Art. 9. To see if the town will grant the sum of two hundred dollars to Isaac B. Patten Post, No. 81, G. A. R., for the purpose of assisting the Post in defraying the expenses of decorating the graves of deceased soldiers on the next Decoration Day, direct how the same shall be raised, or act thereon.

Art. 10. To see what action the town will take in reference to watering the streets the current year, grant money for the same, or act thereon.

Art. 11. To see if the town will grant money to enlarge the culvert across Market street, near the house of John W. Hartford, or act thereon.

Art. 12. To see if the town will accept Section 9, of Chapter 54, of the Public Statutes, in reference to the setting out of shade trees, or act thereon.

Art. 13. To see if the town will appropriate a sum not exceeding three hundred dollars, to be expended under the direction of the Selectmen, in setting out trees along the public highways, or act thereon.

Art. 14. To see what action the town will take upon the claim of Mrs. Cornelius Riley for injuries received through alleged defect in sidewalks on account of ice.

Art. 15. To see what action the town will take upon the petition of H. C. Derby and others, for the laying out of a public highway, commencing on Walnut street near the Union Market depot of the Fitchburg railroad in Watertown, over the lands of the estates of the late Josiah Stickney and Alvin Adams, and over the land of George Wilson to Mount Auburn street, near the head of School street in said Watertown.

Art. 16. To see if the town will sell at public auction, to be removed from its present location, the "Titcomb House," so
called, and devote the proceeds of the sale to the improvement of
the public park, or act thereon.

Art. 17. To see if the town will sell at public auction, the
Titcomb estate, or act thereon.

Art. 18. To give in their votes upon the following question,
viz: "Shall licenses be granted for the sale of intoxicating
liquors in this town?" This vote must be by separate ballot,
"Yes," or "No," and the check list will be used as required by
law.

And you are required to notify and warn the legal voters to
meet at the time and place herein specified, by leaving at every
inhabited house in town a printed copy of this warrant, and by
posting copies of the same in two or more conspicuous public
places in town, seven days previous to the time of said meeting.
Hereof fail not, and make return of this warrant with your doings
thereon to the subscribers on or before the time of said meet-
ing.

Given under our hands this 25th day of February, A. D.,
1884.

The Selectmen will be in session at their
room in the Town House, on Monday, the 25th
of February inst., from 7.30 o'clock p. m. to 9
o'clock p. m., and on Saturday, the 8th day of
March next, from 3 o'clock p. m. to 5 o'clock
p. m., and also on the same day from 7.30
o'clock p. m. to 10 o'clock p. m., for the purpose
of receiving the qualifications of voters, registering, and placing
their names upon the voting list, at which time registration will
cease.

OLIVER SHAW.  Selectmen
JAMES W. MAGEE. of
J. J. SULLIVAN. Watertown.
A LIST OF JURYMEN,

As prepared by the Selectmen, February 16, 1884, and submitted for the consideration of the Town at the Annual March Meeting.

Allyn, John.
Baily, Arthur H.
Banks, Thomas G.
Bemis, Lucius.
Bigelow, Lewis H.
Bowen, George S.
Brigham, Charles.
Brown, Frank A.
Burnham, Charles H.
Burns, Joseph A.
Chase, Henry.
Chase, Lewson A.
Coffin, John N.
Conant, Marvel J.
Coolidge, Herbert.
Corrigan, Michael B.
Crichtett, Fred E.
Carroll, Michael, 2d.
Chadbourne, Henry R.
Cunniff, Martin J.
Dunne, George C.
Earle, James H.
Edwards, William.
Farwell, William E.
Fay, Frank T.
Fitch, Austin G.
Flint, David B.
Fuller, Moses.
Gregg, George H.
Hackett, Thomas E.
Hall, John.
Hall, Edward C.
Howard, Frederick H.

Ingraham, William H.
Kelly, Frank M.
King, William S.
Knox, Oscar F.
Lathrop, William.
Learned, Waldo A.
Lougee, Charles E.
Lynch, James F.
Magee, James W.
Moody, George H.
Newcombe, John W.
Otis, Ward M.
Pevear, William H.
Pierce, Benjamin H.
Pinkham, J. W.
Priest, David H.
Priest, Philemon.
Powers, John, 2d.
Paine, Richard H.
Regan, John F.
Robbins, Frederick.
Robinson, George F.
Rogers, Artemas B.
Shipton, Ambrose J.
Shaw, Linus A.
Sparrow, Seth E.
Turner, Levi A.
Turner, George S.
Walker, Samuel.
Whitney, Hiram.
Woodward, J. B.
Whiting, Moses.

Published by order of the Selectmen.

W. H. INGRAHAM,

Town Clerk.
REPORT OF PUBLIC LIBRARY BUILDING COMMITTEE.

In the report of the Building Committee to the town in 1883, it was stated that the new building was expected to be ready for occupancy before the close of that year; but delays incident to the completion of the work prevented the accomplishment of this expectation of the Committee.

The building was accepted by the Committee, Feb. 13, 1884, they then voted to open it for inspection to all on Monday, February 17th, and on February 18th the chairman of the Building Committee delivered the keys to the chairman of the Board of Trustees of the Public Library.

The cost of the Building, Fence and Grounds when delivered to the Trustees of the Public Library, is $40,488 00

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Town appropriation.</td>
<td>$20,000 00</td>
</tr>
<tr>
<td>Subscriptions paid to Feb. 25, 1884.</td>
<td>20,025 00</td>
</tr>
<tr>
<td>Deficit</td>
<td>$463 00</td>
</tr>
</tbody>
</table>

If all the money subscribed and promised to the building fund had been paid, there would be a surplus standing to the credit of the Committee on the books of the Town Treasurer, and there is every reason to expect that before the Town Meeting in March, subscriptions will have been paid to cover the deficit. For details of payment, see Auditor's Report, page 88.

The Building Committee may be criticised, the building itself may not meet the requirements of the excessively critical, or
those who desire the absolutely ornate, at the expense of well executed work. The Committee believe that the town has a handsome and durable building, one that will answer the demands of the Public Library for years to come.

The Committee have expressed their gratification to the architects, Messrs. Shaw & Hunnewell for the building they have designed and the manner in which they have carried out their plans; also to Mr. Perkins, the contractor, for the fine and complete work of the interior, done under his supervision. Mr. Perkins’ work has received, as it deserves, the warmest commendations. Mr. Perkins’ sub-contractors were:

Masonry — C. H. Dodge.
Plaster — D. McIntosh.
Stone-work — Falk & Sullivan.
Iron — G. W. & F. Smith.
Roof — C. S. Parker & Sons.
Copper — S. D. Hicks & Son.
Painting — J. I. Wingate.
Plumbing — J. F. Scannell.
Heating — Walker & Pratt Manufacturing Co.

All the contracts have been faithfully carried out, and to the acceptance of the Committee.

A. L. RICHARDS,
JOSHUA COOLIDGE,
OLIVER SHAW,
SAMUEL WALKER,
J. W. COFFIN,
GEO. K. SNOW,
GEORGE F. ROBINSON,
CHARLES BRIGHAM,
GEORGE N. MARCH,
HIRAM WHITNEY.
THE
FORTY-SIXTH ANNUAL REPORT
OF THE
SCHOOL COMMITTEE
OF
WATERTOWN,
FOR 1883—'84.

WATERTOWN:
FRED. G. BARKER, STEAM PRINTER.
1884.
SCHOOL COMMITTEE.
1883-’84.

A. L. RICHARDS, Chairman.
CHARLES W. STONE, Secretary.
Rev. ROBERT P. STACK.
Rev. T. B. SMITH,
A. G. FITCH,
CHARLES BRIGHAM.

Term expires 1885.

SUB-COMMITTEES.

High School.
A. L. Richards, Chairman, C. W. Stone, Rev. R. P. Stack.
Rev. T. B. Smith, A. G. Fitch, C. Brigham.

Centre District.

East District.
A. G. Fitch, Chairman, Rev. T. B. Smith, C. W. Stone.

South District.
C. Brigham, Chairman, A. G. Fitch, Rev. T. B. Smith.

West District.

Lowell School.
Rev. T. B. Smith, Chairman, Rev. R. P. Stack, C. Brigham.

Finance and Repairs.

Text Books, Drawing and Music.
Rev. R. P. Stack, Chairman, Rev. T. B. Smith, C. Brigham.

Superintendent.
GEORGE R. DWELLEY,
Office: Town Hall. Office Hours: Tuesdays and Thursdays
from 3:30 to 4:30 o’clock, p.m.
WATERTOWN, Mass., February 4, 1884.

In School Committee, Voted, That the Reports prepared by the Chairman and Superintendent be unanimously adopted as the Annual Report of the Committee to be presented to the Town.

Attest: CHARLES W. STONE,
Secretary.
CHAIRMAN’S REPORT.

Gentlemen of the School Committee:—

In submitting the Annual Report for the school year, you are referred to the statement of the Finance Committee for account of expenditures. It will be found, that notwithstanding increased expenses, the cost of maintaining the schools the past year has not exceeded the appropriation. A portion of the expense has been incurred by increase of salaries; a course sometimes made imperative, if we would keep faithful and experienced teachers.

Resignations and Appointments.

The Committee have received resignations from six teachers the past year. Miss Tucker, of the Centre Intermediate, and Miss Merrill, first assistant Centre Grammar school, resigned their positions absolutely; no question of increase of salaries prompted their retirement from Watertown schools. The Committee regretted being obliged to accept their resignations. Miss Dyer, Miss Jones and Miss Tolman resigned to take charge of schools in the neighboring cities of Cambridge and Newton. The school boards that have secured the services of these able teachers are to be congratulated.

After an examination of candidates for positions made vacant by the above resignations, five teachers were appointed in the various schools, as follows: Miss Carr, first assistant Centre Grammar; Miss Fell, Second Intermediate, Centre District; Miss Rice, Third Intermediate, Centre District; Miss McDonough, East Intermediate, and Miss Howard at the Lowell school. Mr. Elmer Wentworth, second assistant in High School, resigned to enter the profession of journalism, and was succeeded by Mr. Sumner Coolidge, a graduate of Harvard, of the class of ’83. Mr. Coolidge is commendably performing the duties required.
Superintendent.

In June, Mr. Prince resigned as Superintendent of Schools, to accept the position of agent of the Massachusetts State Board of Education. Mr. Prince brought to our schools the experience of a successful teacher, and his constant watchfulness of all matters connected with educational systems, gave him the power to utilize that experience for the practical benefit of the schools under his supervision. The Committee regretted the withdrawal of Mr. Prince from his connection with the schools, and we submit that no one who is interested in the school work, can fail to acknowledge the value of Mr. Prince's services to the town.

The Committee while considering the question of a successor to Mr. Prince, adopted the plan of electing the High school teacher as Superintendent of Schools. The six months' trial that has been given this system has proved satisfactory, and the Committee recommend its continuance.

New School House.

The matter of additional accommodations for the Centre District has been pressing for the last two or three years, and the Committee are obliged to recommend that an appropriation be made for the purchase of land and for the erection of a school house. The Committee and Superintendent have resorted to all means in their power to furnish accommodation for children in the Centre District, and the present crowded condition of the rooms; while it is only a repetition of past statements by the Committee, prevents such work being done in the schools as the town ought to require. The Committee submit two plans that have been considered by them: one is that the town should purchase a piece of land in the centre of the town, and erect on it a building that would accommodate the pupils from all the Grammar schools, making one Grammar school that should be in charge of a Principal and such number of assistants as may be required; the upper portion of the building to be used for a Grammar school, and the lower rooms for Intermediate and Primary departments. Such an
arrangement would allow room in the outlying districts for some time to come, for the increasing Intermediate and Primary Departments in those districts. It is impossible to use whatever vacant rooms may be in the East, South, Aetna mills or Lowell schools for the benefit of the pupils from the Centre Primaries, since parents object, and reasonably, to sending small children long distances. Another plan is, that the town purchase land in the vicinity of "Clay hill," also on or near, the westerly terminus of Fayette street, and build school houses thereon similar in design to the Lowell school house, making room for the pupils now in the Intermediate and Primary schools of the West and Centre districts, and giving an opportunity for using, to a larger extent than can be done at present, the school houses of those districts for the Grammar schools. More school room is a necessity, and if one should ask why the School Committee do not recommend a definite plan, the answer is, the Committee have no pet theories to advance relative to new buildings; they have discussed several propositions, hoping to avoid recommendations that involve a large expenditure of money. We submit the whole subject of additional school accommodations to the town for its consideration at the coming annual meeting.

A. L. RICHARDS, Chairman.
REPORT OF SUB-COMMITTEE ON ACCOUNTS.

EXPENDITURES FOR SCHOOLS FOR THE YEAR ENDING JANUARY 31, 1884.

<table>
<thead>
<tr>
<th></th>
<th>Appropriations</th>
<th>Amount expended</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries of Teachers and Superintendent</td>
<td>$16,425 00</td>
<td>$15,960 00</td>
</tr>
<tr>
<td>&quot; Janitors and Truant Officers</td>
<td>1,375 00</td>
<td>1,344 96</td>
</tr>
<tr>
<td>Text Books</td>
<td>800 00</td>
<td>991 10</td>
</tr>
<tr>
<td>Repairs and Incidentals</td>
<td>1,000 00</td>
<td>811 07</td>
</tr>
<tr>
<td></td>
<td>$19,600 00</td>
<td>$19,107 13</td>
</tr>
</tbody>
</table>

Total Appropriation, $19,600 00
Town's share of School Fund, 92 00
Received for Tuition, 20 50

$19,712 50

Amount expended, 19,107 13

Balance unexpended, 605 37

ESTIMATE FOR APPROPRIATIONS FOR 1884-'85.

For Salaries of Teachers and Superintendent, $16,600.00
For Salaries of Janitors and Truant Officers, 1,375.00
For Repairs and Incidentals, 1,000.00
For Text Books, 1,000.00

$19,975.00
SUPERINTENDENT'S REPORT.

To the School Committee of Watertown:—

Gentlemen,—In accordance with your request, the Superintendent herewith respectfully submits his Annual Report.

He has been in charge of the schools but half of the year. He has had in that time to make their acquaintance, and learn their merits and their needs. He has striven to be helpful and constructive, and to promote efficiency. He is but in part responsible for the plan of work of the schools, and hardly at all for the teachers. But one of these—the Second Assistant in the High school—is of his appointment. He has found the teachers friendly, wishing success for their work, and eager for help.

But “teaching is a spiritual function,” and in the spirit that vivifies endeavor lies the test of its worth. In the real teacher a fire burns and glows; it seizes the school, and the school kindles and gleams; and, in the warmth and light of this flame, begins and continues whatever there is of growth.

The Primary Schools.

The Primary schools are intended to educate children during the first three years of school life,—that is, on the average, from five to eight years of age. But slow children, and children not allowed to enter school at five, or irregular in attendance from illness, or indifference of parents, remain oftentimes later than eight.

The best results are seen in the schools where there are the fewest classes. In each of the three Centre schools, and in the school of lowest grade at the West, the teacher concentrates effort on a single class. In the other West Primary, the time is divided between two classes; in the East, South, and Ætna Mills Primary, among three classes; and, in the Lowell school,—a
mixed Primary and Intermediate,—among six classes. These inequalities of classification,—though unavoidable by reason of place of residence of children,—necessarily affect the value of the work. The teacher who gives to a class one-third of her time must not be expected to secure as good results as the teacher who gives to a class all her time.

The crowded condition of the West and Centre Primaries is a serious obstacle to their complete success. Twice a year, children are forced upward into the higher grades — and even forward into the Intermediate schools — in advance of their real fitness for promotion, by the throng of applicants for first admission. To make room for such applicants in September, there were promotions at the Centre in five schools, and at the West, in three. The only remedy for this cause of diminished efficiency is, of course, an increase of accommodation for beginners.

It is an approved maxim in teaching, that children "learn to do by doing." Now to learn to read with ease and pleasure, there must be much practice in many books suited to the age, tastes, and capacity of the learner. The ordinary text-books do not furnish a sufficient quantity of this kind of reading, and supplementary readers — already in your schools to some extent — are a necessity. The Primary schools seek to establish the habit of reading, and to make reading one of the delights of childhood, and, for this purpose, they need much fresh material. In Quincy, in a single grade, there are fourteen sets of Readers of twenty-five each, and all these books are read throughout by all the children of that grade. Such books are filled with interesting selections, a great many valuable things are incidentally learned from them, the child's vocabulary is widened by their perusal, and his range of thinking enlarged, but, best of all, through their use he learns to read and to love to read.

The teaching in the Primary schools is largely objective. Studies in form, color, and the uses and qualities of objects add variety and attractiveness to the graver employments. The object lesson cultivates quickness and breadth of perception, leads the
child to detect in common things properties hitherto unknown to him, and trains him by persistent exercise of sight, hearing, and touch, to habits of accurate observation.

In the regular studies, preference is given, wherever practicable, to objective methods. The elementary facts of arithmetic are learned from objects. Its processes, discovered through help of numeral frames or groups of things, march visibly before the child. Eyesight assists insight. The "word-script" method of learning to read—the method mainly in use—starts with the object as a bridge between the idea and its sign. The written word is an object, and the child learns to write—of necessity—through imitations of copy. Language lessons begin with names and descriptions of familiar things.

Thus, perpetually, through object and objective method, the organs that serve the intellect are trained—"the eye to see, the ear to hear, the voice to speak, and the hand to do." But the intellect itself is the final object toward which effort reaches. In every way known to the teacher, it is trained to compare, contrast, construct, infer, generalize. It is given facts, knowledge, that it may have the materials of thought. It is stimulated to the use of its materials, and aided to originate thought, and to appreciate thought.

What of measurable acquisition the Primary schools should give to the children, Mr. Prince has told in words worthy of repetition. "(1) Ability to read easily at sight any piece in an ordinary Second Reader; (2) ability to write a clear and legible hand; (3) ability to frame their thoughts in simple, yet correct language, both spoken and written; (4) ability to perform all separations and combinations up to 144."

The Intermediate and Grammar Schools.

The course of study in the Intermediate schools occupies three years. At the Centre, there are three schools for these years, or one for each class; at the East, one teacher educates three classes; at the West, there is one teacher for the two lower classes, and
the highest class is incorporated with the Grammar school and taught by the Assistant; at the South, the Intermediate and Grammar grades are united under two teachers; and in the Lowell school—as has been already stated—the Intermediate is joined with the Primary grade.

In these schools as in the Primaries, differences in the time given to a class account satisfactorily for much disparity of condition.

The course of study in the Grammar schools is arranged for three years. At the East and South, there is one teacher for the whole grade, at the West, there are two teachers, and at the Centre school—the largest of any in town—there are three.

As the teaching in the Intermediate and Grammar grades is alike in motive and methods,—indeed, in many towns and cities the Intermediate grade is not recognized,—these schools will be coupled in treatment.

Leaving out of view the laggards in entry and exit, these schools have in charge the children from eight to fourteen years of age.

Hardly a fourth of their pupils ever enter the High school. Hence, for the great majority taught in them, they complete the work of education as a preparation for the work of life. They take the mind after it has grown in endurance and strength, and seek further to inform and to educate it. But the communication of knowledge—though in the opinion of many their principal business—is their less important function. The mind of the ordinary child is a storehouse of narrow dimensions, but it may be trained, and should be trained, into an active and capable working instrument. Ability to acquire outranks acquisition, and these schools strive consciously and unremittingly to develop latent powers and to add skill to faculty. At their best they teach obedience, punctuality, earnestness; and they implant and strengthen self-control and self-helpfulness.

Geography and history are information studies. Reading, writing, spelling, drawing and music are training studies. Lan-
guage and arithmetic subserve both uses, but are in the main training studies. This distribution — though not meant as more than a rough classification — shows how largely these schools are training institutions. And even the fact studies, so far as they are taught topically, and it is recommended that they be so taught in the later stage, train the intellect to "skill in arrangement, the perception and practice of due proportions, by which varied material is put in place and brought into harmonious use." Further, in teaching the fact studies in the earlier stage, two roads lie open before the teacher. He may aim simply to place his information in an orderly way in the child's mind; thus making of the mind a passive receptacle of knowledge; or — and this is infinitely the better way — he may, by wise guidance and questions, get an educative influence out of his subject, and make of the child sometimes a discoverer of the facts, always an investigator of their connection and various relations, and, up to the child's point of development, a thinker in respect to their causes and laws.

It is difficult to estimate too highly the value of training. As a specific illustration of some of its effects, let us refer for a moment to the study of Drawing.

"Here, the learner is met on the very threshold by the fact that he has eyes that see not, and hands which cannot do his will. He finds that the lines go in a way he knows not, though they are known. He looks at a wall, and sees what he sees, but is utterly unable to record what he sees; all is wrong the moment he begins. The very chair he sits in is a puzzle of untold difficulty. He is brought face to face with a perception of his own ignorance, incapacity and clumsiness." But he begins. By patient effort, incessant practice, and through hosts of failures, he comes gradually to see aright, and to get control of hand. "The transformation which follows is more rapid and complete, perhaps, than in any other exercise of mind. A fresh secret leaps out of every leaf, there is not a pebble which is not turned into a world. He learns eventually the art of composition, that is, of the intelligent arrangement of thought, which is more effectually illustrated in a
picture than in any other way. Indeed, the impossibility of jumbling ideas together in a sketch without detection in the first place, and a detection which can be made plain to the eye, in the second, is one of the chief merits of the study”; but, most important of all, is the recognition by the learner of this truth of truths, that alike in speech, essay, poem, and picture, the aim is to give that “one vivid impression, with everything leading up to it and back from it,” which is the life of the whole.

With varying merit, but in accordance with the principles already outlined and approved, the good teachers in these schools are working. They are successful so far only as, in their just proportions, they give to the average child at his graduation from the Grammar schools the following possessions and powers: (1) So much of arithmetic as will enable him to solve at sight the ordinary problems of business; (2) an intelligent acquaintance with the geography and history of his own country, and some knowledge of the world at large; (3) the ability to write off-hand and with fair penmanship a letter or other simple composition, correct in form, spelling and language; (4) the ability to communicate his thoughts in natural, unstudied speech; (5) the ability to read easily and expressively at sight, newspaper, book, or magazine; and (6) a fondness for general reading, and a working interest in at least one intellectual pursuit.

**The High School.**

The High school has two courses of study—a Two Years' Course, and a Four Years' Course. In the Two Years' Course it spreads its opportunities before learners from fourteen to sixteen years, and in the Four Years' Course, before those from fourteen to eighteen years of age.

By an affinity like that which binds together the elements of water, the school attracts to itself the best intellects in the Grammar department. It does not get all of them, but it gets many, and is grateful for what it gets.

The Two Years' Course is not as prominent in the school as its
advocates hoped it would be. But few choose it, and fewer receive its diploma. The strength of the school is in its Four Years’ Course.

The present Principal has been acquainted with the school for twenty-two of the thirty years of its existence. He has personally known and taught the classes of nineteen of these years. He feels entitled to speak of its character and worth.

The school has always been engaged in a battle with hostile influences, as the difference between the number in a class at the start and at graduation abundantly proves. The push in his nature perpetually urges the young fellow to more bustling activities, and, too frequently, he goes before graduation— with whatever of help the school has given him— into the occupation of his later years. But they alone who remain to the end worthily represent the school in its struggle to cherish intellectual tastes, to inspire impersonal ambitions, and to produce nobility of life.

The last class may be taken as a type of all the classes. Of the two young men among its ten graduates, one is clerk in the local National bank, the other is a student in the Harvard Medical school. Three of its eight young ladies will take the final examinations at Harvard in the coming June, a fourth is diligently pursuing a post-graduate course of self-imposed study, a fifth is teaching, and the remaining three live among us as graceful examples of intelligent womanhood.

Its scholarship may be shown in a very satisfactory way by outside tests applied to its graduates. Within two years, five of these have received the Harvard certificates; thus proving qualification in from seven to thirteen of the subjects assigned for examination. Below are given the marks of one young lady in the seven subjects undertaken by her last June. The marks are in a scale of eight, and the young lady, when graduated from the school, stood third in rank among ten:

2. Latin Composition, and Translation of Latin at sight, 6.50
3. Xenophon at sight: Greek from the “Hellenica,” 8.
4. Greek Composition, 8.
5. Arithmetic, 7.20
7. French at sight, 6.75

Its graduates turn to teaching as naturally as the flower to the sun. Three of its present teachers were educated in part by it, as, too, were fourteen of the twenty-seven in the schools to-day. Three of the five mentioned as holding Harvard certificates are teaching—one in a mixed Primary and Intermediate, another in a Grammar, and the third in a High school—thus working, as will be noticed, along the whole line of our system of schools.

These examples are merely representative, and might be extended to great length.

It has been said that the "business of a state-aided education is to produce an intelligent population fond of reading".

In sympathy with this declaration, the department of English in the High school is conducted. Through all the years of the course the school teaches English, and seeks to create a taste for the English classics. It teaches the structure of the sentence, the expedients by which the sentence gains simplicity and strength, the figures of speech, the curious history in words, and their laws of change as they come to us from other tongues and a distant past. It places before the learner the masterpieces of our literature, unfolds to him the sources of their beauty and power, and trains him to facility and felicity of expression. It aims to inspire a love for the charm and grace of verse, and for the stately march of noble prose.

But it does not confine its teaching to words, the strength and splendor of their combinations, and the qualities of style. It passes beyond the symbols and the forms of thought to the precious jewels they enshrine; makes a study of thought; and, within the limits imposed by a proper symmetry of effort, labors to strengthen in its pupils the power of thought and the love of thought.
Some Defects of the Schools and their Remedies.

1. For a good many of the shortcomings of the schools, the teachers are not responsible.

Some schools impose on their teachers more work than can possibly be well done. The work, in consequence, is either badly done, or less than the prescribed amount is attempted. Generally, in such cases, the work is badly done. For, this defect which is in the very constitution of these schools, there is no present remedy.

2. Many pupils are irregular in attendance. As far as absence is caused by illness, or a real necessity, it is not criticised. But most absences have no good cause. They spring from the child's dislike of the restraints of school or his repugnance to work, and from the thoughtlessness and indulgence of parents. Nine-tenths of the notes, asking permission to leave school before its close,—and this is a very prolific source of harm,—should never be written. Absence—whether for the whole or part of a school day—breaks the continuity of work, leaves a gap in the child's knowledge,—oftentimes many gaps,—and inevitably weakens whatever of interest in study may exist. If the absences are numerous, the child falls behind his class, sees that he is behind, loses hope and courage, and remains as a cinder in the eye of the school.

The remedy lies with the parents. But they do not understand the mischief they are doing, and, as if this criticism had never been written, the minds of the absentees—neglected or half tilled—will continue, as heretofore, to grow weeds.

3. Every school has its pupils with defects of eye, ear, or organs of speech. An eminent French physician, after an examination of schools sufficiently wide to discover fourteen hundred cases of deafness, estimates the children thus affected in some degree at twenty per cent, of the whole number. Of course, these defects impair school efficiency, but the injury likely to result from them may be much diminished by proper treatment. Stammering—which is curable in large measure by patient,
kindly effort — in no respect closes the door of the mind. But
deafness and nearsightedness do somewhat. The teacher should
be sharply on the lookout for these imperfections. Deaf pupils
should sit as near him as possible to get the full benefit of his oral
teaching, and nearsighted ones, as near the blackboard as possible
to get the benefit of all written work. Eye-glasses should be
recommended to the latter, but need not be worn except when
far-off work is in progress. Much harm is sometimes done to the
sight by a neglect to use glasses.

4. The children go from the schools with less arithmetic than
business demands. The work done, as one sees it in daily in-
spection, is excellent in method and quality, but examinations at
the end of the Grammar grade show the training to be insufficient
to give the necessary readiness and skill. Arithmetic already re-
ceives a very large amount of attention, and it is hardly desirable
to increase the time devoted by teachers to instruction in it. Un-
wise, as some think, mental arithmetic, as a book study, had
been excluded from the Intermediate and Grammar grades. The
value of oral teaching in arithmetic is confessedly very great, but
such teaching is unfortunately limited in extent, and consequently,
altogether insufficient to meet the demand upon it.

In the belief that it is "what we do for ourselves, and not what
is done for us, that educates us," Colburn has been restored to the
schools to give the children the material for self-tuition. The
power to do work independently of any help is the most valuable
gift of education; and the hours spent by children in working
problems in school or at home without assistance or interference,
are hours of truest training and development.

Fear has been expressed that the use of Colburn as a book
study would lead to a written solution of its problems. But such
solutions must be thought out before written out, and mental ex-
ercise is the thing sought. Colburn is now used in addition to
former work, and supplies a large number of examples for private
solution.

Written arithmetic — as a training in skill and readiness — loses
much of its value, if the teacher in his work follows too closely the arrangement of the text-book. Each new subject should, of course, be fully taught, as the class reaches it, but in after-work — which is to increase the mastery over principles already known — the problems should have the greatest possible variety. The children get the best training, not out of examples which send them for solution to the principle of to-day or yesterday, but out of those which throw the mind back upon its general resources, and compel it to call in review its whole stock of arithmetical knowledge.

In a great variety of problems, and in a greatly increased practice in private solutions of problems, is an adequate remedy for existing deficiencies.

5. The reading in the schools is of widely varying quality. In some it is very good, and suggests plainly what may be done, and ought everywhere to be done, but, too often, there is a lack of ease and naturalness. Reading, in all the grades, should be graceful and expressive.

Ease in reading is the first characteristic of good reading, and ease comes through practice. Too little time is at present devoted to practice. To get it, teachers might omit much incidental work. If attention to reading were proportioned to the relative value of skill in it, they would omit much. Supplementary reading — when furnished in sufficient quantity — will be an invaluable ally. All school books should become reading books. In the Grammar grade, and as far as practicable below this grade, teachers should exercise ingenuity in attempts to induce children to read at home. There is much suitable material in the children’s papers and magazines, the Sunday school libraries, and the Public Library. Enthusiasm is fertile in expedients to arouse interest. In some communities, teachers give definite credits for amounts of outside reading as certified by parents.

Naturalness in expression is as essential to good reading as fluency. Some teachers think, if the child’s attention is directed to the thought, and he grasps the thought, that natural expression
will follow. It really does follow in the case of children with inherited aptitudes and quick intelligence, but not in the case of the slow intellects that come to us out of centuries of neglect.

On their instances of success these teachers found a method. But their half-truth is as misleading as a whole error, and they continue to fail where success is most necessary, but most difficult.

On one side, and a very important side, reading is an imitative art. As respects expression, children learn to read, as they learn to talk, through imitation of what they hear. How different the speech of the child in an ignorant home, and in the home where knowledge and refinement are housemates! Give the child an example of good reading toward which his effort may aspire. Let him see clearly that there is a better than his own, and patiently lead him by perpetual example, and a flood of sunlight on his mistakes, to the mastery of expression you have and he has not. If the grasp of the thought is all, how shall one account for the existence and success of the elocutionist? A single glance at the camel gives a truer notion of him than whole ages spent in his evolution from consciousness.

The remedy for poor reading is much practice, a training in the rapid grasp of thought, and the beautiful, ever-present model for imitation.

6. There is in some of the schools a laxity of discipline which deserves—and has received—censure.

One does not expect the same standard of order and orderliness in the several grades, but in all conduct should receive much attention. The smallest child should be trained to good school habits. Of course, he will carelessly drop book, or pencil, or slate, but he should be taught that such acts are disturbances. Avoidable noise is noisome. Even in the lowest Primary, the child should continually be shown how to do his work quietly, and to take precautions against accident. Nowhere does confusion accompany the best work. In the higher grades, one so rarely sees a well-taught school in a disorderly state, that it is a fair infer-
encre that a disorderly school is, in other respects as well, a poor school. Here, whatever hinders work, and can be removed, is just subject for blame. The teacher whose management of a school is unsatisfactory, should be informed of the dissatisfaction, and given the opportunity for reform. If successful school control does not follow, the remedy is another teacher. To wield the club of Hercules, there must be Hercules.

7. In the Primary schools, the teaching is made as interesting as possible. Much instruction is given without suspicion of the child that it is instruction. It is in fact "organized play" with an educative purpose beneath. But there is a limit for such methods. No teacher deserves to hold his place for an hour who does not try to make his teaching attractive; yet with entrance upon the second year of school, and from that point upward throughout the grades, the child should be taught how to work, the habit of work, and the love of work. The best spur is from within. The strong faculties are the used faculties. Education has been defined as the "generation of power." A mind trained to work is a whole armory of powers. Any teacher who sets himself earnestly and lovingly to rouse a child to continuous effort will succeed to the extent he really tries. "He can who thinks he can." All the best teachers have the wiles of the "piper of Hamelin." Besides, working pupils have no time for mischief. Their intellectual defects pale and vanish before effort as ghosts before the coming of the dawn. Thus the schools become perfect through energy that vitalizes and uplifts. The perfect school is the school interested and engrossed in work.

The Teacher and his Helps.

The teacher should know "how to teach, what to teach, and why he teaches as he does." How to teach aright compels a mastery of the Art of Education; what to teach is a discriminating selection out of a vast supply of material, and is a "survival of the fittest;" and why he teaches as he does finds its answer in the Science of Education. Teaching is dealing with mind, is an attempt to
influence mind, and to evolve thought through exercise of mind. Hence, the teacher must have a thorough knowledge of mind and of the laws of thought. The knowledge of mind he gets from the patient study of children, and from Psychology; familiarity with the laws of thought, from all sound reasoning, and from Logic. He must also know the best methods of influencing mind, of starting its action and keeping it in action, and of getting into growth all its germs of power. But a knowledge of what methods are best presupposes a knowledge of all the methods. Fertility of resource is born of such acquaintance. With a knowledge of methods must go skill in their application. Without this skill all else is unproductive. Such skill comes out of the training of the Normal schools, practice in teaching, the intuitive perception of the child's point of view, and ability to see from it, — which seem innate in the lover of children, — and, perhaps most of all, out of the fine enthusiasm which drives the sensitive, conscientious teacher at any cost of time and money to the study and use of all helpful books, apparatus, and suggestions. There is to-day a valuable literature of education which teaches right methods, illustrates their application, and discusses the principles underlying them wisely and well. The teacher who depends for new light and inspiration on visits to other schools, grade-meetings of Superintendent, Teachers' Institute and Convention, is in an eddy and not in the current. He gets much from these aids, but not enough; not the tenth he may in other ways. Let him soak and saturate his intellect in educational pamphlets, journals, and books; — the sources from which all who speak to him from higher levels than his own largely derive their material and their helpfulness. Furthermore, the encouraging voices of Superintendent and lecturer are heard at intervals and in particular places; books are accessible always and everywhere. Relatively too, impressions through the ear affect as if written on shifting sands; impressions through the eye, as if graven on marble.

The Superintendent, after much reading and investigation, has recommended the following books to the teachers in all the grades:
1. Because of its careful analysis of the several faculties exercised in each act of mind, Schuyler's Psychology.
2. For its clearness and simplicity in statement of the laws of thought, Jevons' Logic, as recast by Hill.

In addition, because of their special fitness as helps, he has recommended for purchase and careful study:

**To the Primary Teachers.**
1. Notes of Talks on Teaching. Francis W. Parker.

**To the Intermediate Teachers.**
1. The World at Home. Standard I.

**To the Grammar Teachers.**
1. Six Years' Course in Geography. Charles F. King.
3. Huxley's Physiography.
5. United States History by the Brace system. John Trainer.
6. Hoose's Methods of Teaching.
7. Wickersham's Methods of Instruction.

A very great help to the teacher of geography is the Solar Camera, with its necessary accompanying slides. This apparatus gives to the child on a sunny day, more clearly than can any text-book or verbal description, an idea of mountain, glacier, volcano, iceberg, rice field, orange grove and tropical jungle. In
some way or other, it is hoped during the coming year to obtain
this apparatus for the joint use of the geography-studying
schools.
But all other aids and appliances sink into insignificance as
helps, in comparison with the help given by the teacher. If
skilful, he is sure to reach the inner life of the child, and there
sow the seeds and spores of thought. Socrates had neither school-
house, text-book, nor apparatus, yet he stands on the record as the
greatest of secular educators. Said Garfield in substance at one
time: "Put Mark Hopkins at one end of a log, and myself at
the other, and there is university enough for me."

The Science and Art of Education.

As much is said at present respecting the "New Education,"
there are here given — for the information of any who may desire
it — a few of its established principles, as condensed from the
summaries of Joseph Payne:—

I. "The educator recognizes throughout all his acts the inher-
ent capabilities of the learner. The laws of the learner's being
govern the educator's action, and determine what he does, and
what he leaves undone. He ascertains, as it were, from the child
himself, how to conduct the child's education.

II. "The educator is the prime mover and director of the action
and exercise in which the learner's education consists.

III. "The educator moves the learner's mind to action by ex-
citing his interest in the new, the wonderful, the beautiful; and
maintains this action through the pleasure felt by the learner in
the simple exercise of his own powers — the pleasure of develop-
ing and growing by means of acts of observing, experimenting,
discovering, inventing, performed by himself.

IV. "The educator limits himself to supplying materials
suitable for the exercise of the learner's powers, stimulating these
powers to action, and maintaining their action. He co-operates
with, but does not supersede this action.

V. "The intellectual action and exercise in which the learn-
er's education essentially consists are performed by himself alone. It is what he does for himself, not what is done for him, that educates him.

VI. "The child is therefore a learner who educates himself under the stimulus and direction of the educator.

VII. "The learner educates himself by his personal experience; that is, by the direct contact of his mind at first hand with the matter—object or fact—to be learned.

VIII. "The mind, in gaining knowledge for itself, proceeds from the concrete to the abstract, from particular facts to general facts, or principles; and from principles to laws, rules, and definitions.

IX. "The mind in gaining knowledge for itself, proceeds from the indefinite to the definite, from the compound to the simple, from complex aggregates to their component parts, from the component parts to their constituent elements—by the method of Investigation.

X. "Ideas gained by personal experience are subjected by the mind to certain processes of elaboration; as classification, abstraction, generalization, judgment, and reasoning. These processes imply the possession of ideas gained by personal experience, and they are all performed by the youngest child who possesses ideas.

XI. "The learner's knowledge consists in ideas, gained from objects and facts by his own powers and consciously possessed. The educator, by his action and influence, secures the learner's possession of clear and definite primary ideas.

XII. "Words are the signs of ideas, and their value to the learner depends on his previous possession of the ideas they represent. The words, without the ideas, are not knowledge to him.

XIII. "Personal experience is the condition of development. What the child does himself, and loves to do, forms his habits of doing; but the educator, by developing his powers and promoting their exercise, also guides him to the formation of right habits. Education as a whole consists of development and training.
1. "The Art of Education is the application of the principles of the science. These principles set the child before us as one who gains knowledge for himself, at first hand, by the exercise of his own native powers, through personal experience, and therefore as a learner who teaches himself.

2. "This is the central principal of the Art of Teaching. It serves as a limit to define both the functions of the teacher, and the nature of the matter on which the learner's powers are to be exercised. It interdicts the teacher from doing anything to interfere with the learner's own method, and makes of the teacher the stimulator, and director of the learner's work. To this office he must confine himself.

3. "The learner, if he is to teach himself, must exercise his mind on concrete objects or actions—on facts. These furnish him with ideas. He cannot teach himself by abstractions, rules, and definitions, packed up for him in words by others; he must begin with facts—that is, with personal experience.

4. "This notion of the Art of Teaching, which has specially in view the time when the teacher first takes the child in hand, to develop and train his mind, is capable of wide application. It applies, with the requisite modifications, to instruction properly so called, which consists in the systematic building of knowledge into the mind, with a definite object.

5. "The teacher, therefore, educates by instructing and instructs by educating. The sum of all is, that the Art of Education is the practice of principles learned from the study of the nature of the child, and that what educates him is what he does for himself and by himself."

Some General Considerations.

Every year the neighboring towns and cities—which pay higher salaries than Watertown—take from our schools some of the best teachers. Three such teachers were thus taken last summer. Hence, unless the Committee are fortunate enough to secure new teachers as skilful as those they lose—and the chances are
against constant good fortune—the quality of the teaching is likely to deteriorate. There are three ways, however, to prevent such deterioration; first, by such increase of salary as will retain the tempted teacher, — and in a majority of instances there will not be required a large advance; second, by the discharge of a poor teacher for every such loss of a good one; and, third, by the education of the poor teachers — wherever possible — to higher planes of ability.

But merely to preserve the general level in a period of great educational progress should not satisfy Watertown. The level ought continually to be raised. Francis W. Parker's specific for the improvement of the teachers in a town is "to educate and weed."

The remedy is sufficient; but to administer it, difficult.

There is no need to educate the good teacher. He will educate himself. Life, literature, his own school, and the schools of others furnish him perpetually with ladders with which to climb to a higher success.

The difficulty comes from the poor teachers. These are of two classes,—those who can be educated into good teachers, and those who cannot. For the latter "weeding," immediate pulling up by the roots, is the only proper thing to be done. For the former the grade meetings, and the recommendations given in the schools, ought to be enough. But teachers of this sort are poor teachers, chiefly because they are unwilling to work, and are indifferent to any success beyond what is necessary to keep them in their places. The recommendations of the Superintendent call for study, effort, and some outlay. The poor teachers listen politely to the advice, and disregard it. They do not intend—as one of them had the frankness to declare—to sink their capital, or any part of it, in improvements.

The salaries now paid to teachers — below Principals in the Grammar schools—will average about $400. But there is in some of the schools a difference of more than $100, in the value of the services of two teachers paid substantially at the same rate.
The good teacher knows this — for he visits his “poor relations,” and has eyes and ears — and it is a discouragement to him; and the poor teacher knows it, too, and — as long as nothing is done because of it — is encouraged by it to remain a poor teacher.

It is recommended that, in the next election of teachers, a discrimination in salaries be established; that such teachers — now paid about $400 — as the Superintendent may report for an increase, shall receive twenty-five dollars per annum more than the present salary; that teachers reported for diminution be paid twenty-five dollars per annum less than at present, and that teachers not reported at all in this connection be paid as heretofore. If any vacancy occur by reason of such discrimination, there are towns and cities — not too remote for easy inspection of their schools — in which salaries for such schools as are above considered range from $350 per year down to $300. The best of the teachers in these are presumably better than the worst in Watertown; and they would doubtless accept a call, if given.

Reference has already been made to the cases where “weeding” becomes a Superintendent’s duty. The process is always disagreeable, and at times more difficult than disagreeable. As soon as it is attempted, there spring into the field as obstacles the out-of-school merits of the teacher; all kindly sympathies of Committees; and doubts as to the extent of the unfitness. These often carry the day against needed reform, and the hundred children, in whose interests alone the teacher finds a reason for existence, continue to be inadequately taught. Even earnest friends of education sometimes fail to see that to retain mediocrity in authority is pitilessly to exclude the attainable better.

The teacher of the child, in the first year of school life, should have been educated in a Training school or Normal school, and be familiar with the Kindergarten methods and spirit. A few months of observation will convince any one that such teachers, for this earliest year, surpass others in variety of resource and the ability to interest and carry with them the child. And in all the grades this ability to awaken and interest and lead to voluntary
and continuous work—whether the result of training or a personal endowment—is the crucial test of the teacher.

To develop power, and to lead to power, one must have power. "Out of nothing comes nothing." There must be sympathy, insight, personal magnetism. There must be faith, and hope, and courage, and love. And there must be an atmosphere in which germination and growth are as spontaneous as in the breath of June.

Respectfully submitted.

GEORGE R. DWELLEY,
Superintendent of Schools.
## APPENDIX.

### SCHOOL BOOKS.

The number of books belonging to the town is as follows:

<table>
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<tr>
<th>Location</th>
<th>Books</th>
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<tbody>
<tr>
<td>In High School</td>
<td>1417</td>
</tr>
<tr>
<td>Centre Grammar School</td>
<td>995</td>
</tr>
<tr>
<td>West</td>
<td>793</td>
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<tr>
<td>South and Intermediate</td>
<td>555</td>
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<tr>
<td>East</td>
<td>284</td>
</tr>
<tr>
<td>Centre Intermediate No. 1 School</td>
<td>352</td>
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<tr>
<td>&quot; No. 2</td>
<td>278</td>
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<tr>
<td>&quot; No. 3</td>
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<tr>
<td>West</td>
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<tr>
<td>East</td>
<td>285</td>
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<tr>
<td>South Primary School</td>
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<tr>
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<tr>
<td>&quot; No. 2</td>
<td>100</td>
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<td>&quot; No. 3</td>
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<td>East</td>
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<tr>
<td>&quot; No. 2</td>
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<td>Aetna Mills Primary</td>
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<td>Lowell School</td>
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<td>McLauthlin's bookstore</td>
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<td>Committee room</td>
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### JANITORS.

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<th>Name</th>
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<tr>
<td>George F. Robinson</td>
<td>High School and Centre</td>
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<tr>
<td>Andrew H. Stone</td>
<td>South and West</td>
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</tr>
<tr>
<td>Mary Austin</td>
<td>East</td>
<td>100</td>
</tr>
<tr>
<td>Mrs. Ryan</td>
<td>Etna Mills</td>
<td>60</td>
</tr>
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<td>Mrs. Hales</td>
<td>Lowell</td>
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### TRUANT OFFICERS.

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<th>Name</th>
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<tr>
<td>George Parker</td>
<td>Centre, South, and West</td>
<td>$20</td>
</tr>
<tr>
<td>Ezrum V. Howard</td>
<td>&quot;</td>
<td>20</td>
</tr>
<tr>
<td>George F. Robinson</td>
<td>&quot;</td>
<td>20</td>
</tr>
<tr>
<td>Andrew H. Stone</td>
<td>&quot;</td>
<td>20</td>
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**Superintendent, Teachers, and their Salaries.**

<table>
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<th>School</th>
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<th>Salary</th>
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<tr>
<td><strong>Superintendent.</strong></td>
<td><strong>George R. Dwelley.</strong></td>
<td><strong>$2000</strong></td>
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<tr>
<td>High</td>
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<td>&quot;</td>
<td>George R. Dwelley</td>
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<tr>
<td>&quot;</td>
<td>Ellen M. Crafts</td>
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<td>&quot;</td>
<td>Sumner Coolidge</td>
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<td>East Grammar</td>
<td>Etta B. Dadmun</td>
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<tr>
<td>&quot; Intermediate</td>
<td>Mary J. McDonough</td>
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<tr>
<td>&quot; Primary</td>
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<tr>
<td>Centre Grammar</td>
<td>Cyrus A. Neville</td>
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<td>&quot;</td>
<td>Fannie E. Carr</td>
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<tr>
<td>&quot;</td>
<td>Elizabeth P. Skinner</td>
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<tr>
<td>&quot; Intermediate, No. 1</td>
<td>Alice I. Norcross</td>
<td>440</td>
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<tr>
<td>&quot;</td>
<td>S. Alice Fell</td>
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</tr>
<tr>
<td>&quot;</td>
<td>Jessie M. Rice</td>
<td>400</td>
</tr>
<tr>
<td>&quot; Primary, No. 1</td>
<td>M. B. Patten</td>
<td>425</td>
</tr>
<tr>
<td>&quot;</td>
<td>Maria H. Macurdy</td>
<td>425</td>
</tr>
<tr>
<td>&quot;</td>
<td>M. Delia Adams</td>
<td>400</td>
</tr>
<tr>
<td>South Grammar and Inter.</td>
<td>Laura A. Campbell</td>
<td>900</td>
</tr>
<tr>
<td>&quot;</td>
<td>Ruth W. Howard</td>
<td>350</td>
</tr>
<tr>
<td>&quot; Primary</td>
<td>Nellie E. Williams</td>
<td>440</td>
</tr>
<tr>
<td>West Grammar</td>
<td>H. B. Doland</td>
<td>1200</td>
</tr>
<tr>
<td>&quot;</td>
<td>Florence B. Chandler</td>
<td>375</td>
</tr>
<tr>
<td>&quot; Intermediate</td>
<td>Corinne Brainard</td>
<td>440</td>
</tr>
<tr>
<td>&quot; Primary, No. 1</td>
<td>Joanna M. Riley</td>
<td>425</td>
</tr>
<tr>
<td>&quot;</td>
<td>Bertha L. Emerson</td>
<td>425</td>
</tr>
<tr>
<td>Etna Mills Primary</td>
<td>Frances Hawkes</td>
<td>425</td>
</tr>
<tr>
<td>Lowell</td>
<td>L. Abbie Howard</td>
<td>400</td>
</tr>
<tr>
<td>Teacher of Drawing</td>
<td>Emma H. McLauthlin</td>
<td>400</td>
</tr>
<tr>
<td>Teacher of Music</td>
<td>S. H. Hadley</td>
<td>500</td>
</tr>
</tbody>
</table>

*When new teachers on probation and substitutes are employed the salary is modified.*
### I. Population.

Population of Watertown, census of 1880.  
Number of Children between 5 and 15 years of age,  
May 1, 1882.  
Number of Children between 5 and 15 years of age,  
May 1, 1883.  
Increase of Children between 5 and 15 years of age  
during 1883.

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Children</th>
</tr>
</thead>
<tbody>
<tr>
<td>1880</td>
<td>5,426</td>
</tr>
<tr>
<td>1882</td>
<td>882</td>
</tr>
<tr>
<td>1883</td>
<td>994</td>
</tr>
<tr>
<td>Increase</td>
<td>112</td>
</tr>
</tbody>
</table>

### II. Teachers.

Number of Teachers in the High School,  
Grammar and Intermediate grades,  
Primary grades,  
special teachers (music and drawing).

<table>
<thead>
<tr>
<th>Grade</th>
<th>Number of Teachers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grammar and Intermediate</td>
<td>14</td>
</tr>
<tr>
<td>Primary</td>
<td>8</td>
</tr>
<tr>
<td>Special</td>
<td>2</td>
</tr>
</tbody>
</table>

Whole number of teachers.  

| Total Teachers | 27 |

### III. Pupils.

Whole number of pupils enrolled.  
Number over 15 years of age.  
Average number belonging.  
Daily attendance.  
Percentage of attendance (upon the number belonging).

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Pupils</th>
</tr>
</thead>
<tbody>
<tr>
<td>1882</td>
<td>1,005</td>
</tr>
<tr>
<td>1883</td>
<td>1,088</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Age Range</th>
<th>Number of Pupils</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 years</td>
<td>96</td>
</tr>
<tr>
<td>Average</td>
<td>858.1</td>
</tr>
<tr>
<td>Daily</td>
<td>797.3</td>
</tr>
<tr>
<td>Percentage</td>
<td>92</td>
</tr>
</tbody>
</table>

### IV. Distribution of Pupils in the Schools, opening of Winter term.

<table>
<thead>
<tr>
<th>School Type</th>
<th>1st Class</th>
<th>2nd Class</th>
<th>3rd Class</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>High School</td>
<td>54</td>
<td>56</td>
<td>81</td>
<td>191</td>
</tr>
<tr>
<td>Grammar Schools</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1st Class</td>
<td>108</td>
<td>107</td>
<td>117</td>
<td>332</td>
</tr>
<tr>
<td>Intermediate Schools</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1st Class</td>
<td>113</td>
<td>127</td>
<td>160</td>
<td>400</td>
</tr>
<tr>
<td>Primary Schools</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1st Class</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total number</td>
<td></td>
<td></td>
<td></td>
<td>988</td>
</tr>
</tbody>
</table>
### Table showing the names of teachers, and attendance of pupils during the year 1883—'84.

<table>
<thead>
<tr>
<th>SCHOOL</th>
<th>TEACHERS</th>
<th>Whole No. Enrolled</th>
<th>Average No. Belonging</th>
<th>Average Daily Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>George R. Dwelley</td>
<td>77</td>
<td>68.7</td>
<td>65.3</td>
</tr>
<tr>
<td></td>
<td>Ellen M. Crafts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sumner Coolidge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mary J. McDonough</td>
<td>34</td>
<td>30.9</td>
<td>29.4</td>
</tr>
<tr>
<td></td>
<td>Hattie B. Johnson</td>
<td>31</td>
<td>27.2</td>
<td>25.4</td>
</tr>
<tr>
<td>Centre Grammar</td>
<td>C. A. Neville</td>
<td>113</td>
<td>103.5</td>
<td>93.4</td>
</tr>
<tr>
<td></td>
<td>Fannie E. Carr</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Elizabeth P. Skinner</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Alice I. Norcross</td>
<td>56</td>
<td>51.9</td>
<td>48.7</td>
</tr>
<tr>
<td></td>
<td>S. Alice Fell</td>
<td>57</td>
<td>46.3</td>
<td>44.1</td>
</tr>
<tr>
<td></td>
<td>Jessie M. Rice</td>
<td>62</td>
<td>57.6</td>
<td>54.7</td>
</tr>
<tr>
<td></td>
<td>M. B. Patten</td>
<td>60</td>
<td>53.3</td>
<td>50.</td>
</tr>
<tr>
<td></td>
<td>Maria H. Macurdy</td>
<td>55</td>
<td>49.</td>
<td>46.</td>
</tr>
<tr>
<td></td>
<td>E. Delia Adams</td>
<td>59</td>
<td>48.7</td>
<td>43.</td>
</tr>
<tr>
<td>South Grammar and Intermediate</td>
<td>Laura A. Campbell</td>
<td>63</td>
<td>58.</td>
<td>55.</td>
</tr>
<tr>
<td></td>
<td>Ruth W. Howard</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nellie E. Williams</td>
<td>59</td>
<td>48.6</td>
<td>44.4</td>
</tr>
<tr>
<td>West Grammar</td>
<td>Henry B. Doland</td>
<td>79</td>
<td>69.6</td>
<td>64.9</td>
</tr>
<tr>
<td></td>
<td>Florence Chandler</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Corinne Brainard</td>
<td>54</td>
<td>49.8</td>
<td>44.8</td>
</tr>
<tr>
<td></td>
<td>Joanna M. Riley</td>
<td>60</td>
<td>48.7</td>
<td>45.1</td>
</tr>
<tr>
<td></td>
<td>Bertha L. Emerson</td>
<td>63</td>
<td>50.8</td>
<td>47.2</td>
</tr>
<tr>
<td>Ætna Mills</td>
<td>Frances Hawkes</td>
<td>39</td>
<td>30.6</td>
<td>27.3</td>
</tr>
<tr>
<td>Lowell</td>
<td>L. Abbie Howard</td>
<td>41</td>
<td>30.9</td>
<td>38.</td>
</tr>
</tbody>
</table>
NAMES OF SCHOLARS NEITHER ABSENT NOR TARDY DURING THE YEAR.

HIGH SCHOOL.
Arthur Adams,
Frank Bent,
Wallace McLauthlin,
Charles York.

Mary E. Burns,
Kate Curran,
Maggie Donlan,
Flora Emerson,
Susie Lawn.

CENTRE GRAMMAR.
Arthur H. Dadmun,
William F. Berry,
Catherine A. Dunphy,
Dexter B. Green.

Leonard W. Johnson.
Lincoln A. U. Rockwell,
Lulie A. York.

SOUTH GRAMMAR AND INTERMEDIATE.
John T. Hughes,
Joseph Keefe,

Thomas B. Hughes.
Minnie Keefe.

WEST GRAMMAR.
Louisa Ford.
Lillie Watt,

Herbert Godding.

CENTRE INTERMEDIATES.

NO. 1.
Lottie F. Gonsalvo.

NO. 2.
Henry H. Chase,
Elizabeth A. Westerfield,

Anna B. Carruthers,
Lulu B. Cleveland.

NO. 3.
Bertha Mills.

Frank Bryan.
SCHOOL REPORT APPENDIX.

WEST INTERMEDIATE.
Kate Carroll.

CENTRE PRIMARY, No. 3.
Frank McLeod.

WEST PRIMARY, No. 1.
Julia F. Kiley. Thomas Morris.

SOUTH PRIMARY.
Michael Gallagher.
<table>
<thead>
<tr>
<th>Year</th>
<th>Term</th>
<th>English Language</th>
<th>Science</th>
<th>Language</th>
<th>Mathematics</th>
<th>Miscellaneous</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>1</td>
<td>Rhetoric, etc.</td>
<td>Physiology</td>
<td>Latin</td>
<td>Algebra</td>
<td>English Grammar</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>&quot;</td>
<td>Physical Geography</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>I</td>
<td>1</td>
<td>Rhetoric, etc.</td>
<td>Natural Philosophy</td>
<td>Latin</td>
<td>Geometry</td>
<td>English History</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>III</td>
<td>1</td>
<td>Abbott's &quot;How to Write.&quot;</td>
<td>Natural Philosophy</td>
<td>French</td>
<td>Business Arithmetic</td>
<td>Trigonometry</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>French</td>
<td>Chemistry</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Shakespeare</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>IV</td>
<td>1</td>
<td>Gilman's English</td>
<td>Botany</td>
<td>French</td>
<td>Double Entry Book-keeping</td>
<td>Philosophy</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Literature, and</td>
<td>Geology</td>
<td>&quot;</td>
<td>&quot;</td>
<td>Intellectual and</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Shakespeare</td>
<td>Astronomy</td>
<td>&quot;</td>
<td>&quot;</td>
<td>Moral</td>
</tr>
</tbody>
</table>

(1) Pupils who desire it fitted for College. Latin may be studied four years by any pupil.
(2) Exercises in Music, Drawing, Composition, Declamation, and Reading throughout the course.
(3) The regular number of studies is four for each pupil, and wherever the programme shows more than four in one year, a choice is in some respects allowed. English Grammar and History, for instance, may be studied instead of Latin.
(4) These figures indicate the number of recitations per week. Rhetoric for the first year will include one exercise per week in each of the following subjects: (1) Penmanship, (2) Spelling, (3) Punctuation and use of capitals, and (4) How to put written matter properly on the page.
Two Years' Course of Study in the High School.

<table>
<thead>
<tr>
<th>Year</th>
<th>Term</th>
<th>Language</th>
<th>Science</th>
<th>Mathematics</th>
<th>English</th>
<th>Mathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td>I.</td>
<td>1</td>
<td>Rhetoric</td>
<td>Physiology</td>
<td>Business Arithmetic</td>
<td>4 English Grammar</td>
<td>4 Algebra</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>&quot;</td>
<td>Physical Geography</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>II.</td>
<td>1</td>
<td>Rhetoric</td>
<td>Natural Philosophy</td>
<td>D. E. Book-keeping</td>
<td>4 English History</td>
<td>4 Geometry</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
</tbody>
</table>

(1) A pupil may take Latin or French for two years, omitting one other study of the year.
(2) Music, Drawing, Declamations, Compositions and Readings throughout the Course.
(3) A special diploma will be given to meritorious pupils completing this Course.

* The numbers indicated by the star show the number of recitations per week. Rhetoric for the first year will include one exercise per week in each of the following subjects: (1) Penmanship, (2) Spelling, (3) Punctuation and use of capitals, and (4) How to put written matter properly on the page.
SIXTEENTH ANNUAL REPORT

OF THE

BOARD OF TRUSTEES

OF THE

FREE PUBLIC LIBRARY

OF THE

TOWN OF WATERTOWN.

1884.

('*'*)

WATERTOWN:
FRED. G. BARKER, STEAM PRINTER.
1884.
BOARD OF TRUSTEES
1883-’84.

GEORGE K. SNOW, Term expires 1884.
ABNER C. STOCKIN, " " 1884.
CHARLES J. BARRY, (Died in June.) " " 1885.
Rev. ROBERT P. STACK, " " 1885.
JOSHUA COOLIDGE, " " 1886.
GEORGE N. MARCH, " " 1886.

CHARLES J. BARRY, Chairman.
JOSHUA COOLIDGE, Chairman. (Since June.)
GEORGE K. SNOW, Secretary.
GEORGE N. MARCH, Treasurer.

Executive Committee.

CHARLES J. BARRY.

GEORGE N. MARCH.

Committee on Books.

CHARLES J. BARRY.

ABNER C. STOCKIN.

JOSHUA COOLIDGE.

Committee on Finance.

GEORGE N. MARCH.

ROBERT P. STACK.

Librarian.

SOLON F. WHITNEY.

Assistant Librarian.

Miss JANE STOCKWELL.
REPORT OF THE TRUSTEES OF THE FREE PUBLIC LIBRARY.

The Library has been in existence fifteen years, during which time its resources have been constantly increasing, and its privileges and opportunities at all times appreciated. The success of the movement for the formation of our Library would have been doubtful, had it not been for the liberal contributions made to its starting fund, and the energetic and persistent efforts of early friends in its behalf. We have a record of the names of those who liberally contributed to our aid, the fruit of whose generosity we are now enjoying, and we find that one-half of their number are beyond the reach of the benefits they conferred, and also beyond the reach of any expression of our gratitude.

No less are our obligations due to those who actively and efficiently labored upon the several committees that were appointed for the various duties preliminary to its formation, and also to its final organization and opening for public use. One-half of the number of these also have ceased from their labors; their works do not as yet follow them, but still remain a testimonial of their disinterested effort.

During the past year of remarkable increase to its ways and means, the Library and the town have suffered a great loss by the death of our late associate and chairman, Mr. Charles J. Barry. A member of its board of trustees from the beginning, always interested and active in all its affairs, he was an example of uprightness and integrity worthy of imitation, and whose counsel and advice it was always safe to follow.

The Library is now about to be removed to premises specially
designed for its use. It has now a house and home of its own, with its designation and purpose plainly inscribed upon its front, which will hereafter include both building and contents, as the Watertown Free Library. It is now hoped that the character of the building and its comparative isolation, will exempt it from the risks and dangers which have been so often mentioned in the Reports of the Trustees, and which culminated two years ago in the outline of a plan for a new building to be located upon a part of the grounds belonging to the Unitarian society, with a promised contribution of funds from different persons sufficient to relieve the town of a large part of the burden of its cost.

A committee was appointed by the town to consider and report upon the matter; the result of which was, that another plan, with another location was reported to the town. This last plan, with the action of the town thereon, and also the progress of the work up to that time, was fully stated and explained in the report of the trustees one year ago. It is regretted that our friend, who was chairman of this board, who took the first steps in this movement, and who showed so deep an interest in its progress, did not live to see its completion and report the same at this present time. He prepared an address for the occasion of the laying of the corner stone on the first day of May last, at which he was present, but on account of the feeble condition of his health, it was read by another person. It was his valediction.

The building is now nearly completed, and is an embellishment to its neighborhood, a place of comparative safety for the treasures to be there stored, a memorial of its lamented projector, and the friends who so generously aided in its erection. Especially should it always remind us of the distinguished gentleman whose munificent donation at the outset was the main impulse to its final success. The duties pertaining to the care and delivery of the books have been performed by the same persons as in previous years, with the same efficiency, and with the same polite attention to the wants of its patrons as have always characterized their labors. They are entitled to, and without doubt receive your regard and esteem.
A smaller number of books has been added the past year than formerly; a part of the money appropriated for that purpose has been reserved for the furnishing and fitting for use of the new building. Special provision has been made for the convenience and comfort of those who from necessity or convenience make use of the public reading-room. Quite a number of copies of the catalogue are now unsold. Its publication was indispensable to the convenient use of the Library. The preparation of it cost much time and labor, and the publication of it a considerable sum of money; and they are sold at a price barely sufficient to ensure their preservation. Whoever buys it will get the worth of their money, and aid the Library to the same extent.

The purpose of the Public Library reaches beyond the ideas of amusement and recreation. Its reason for existing has its real foundation in the promotion of learning, the increase of knowledge, and those moral and social influences that naturally and inevitably result in a betterment of the common weal. The material with which it is from time to time replenished, and the policy and purpose of its management should be determined with a view to this important end.

The general statistics of the past year, with the usual statement of its affairs and suggestions for its welfare, will be found in the accompanying report of the Librarian.

The sum of $2,000 and the dog tax is proposed for the usual purposes of the Library for the current year.

In behalf of the Board,

JOSHUA COOLIDGE, Chairman.
To the Trustees:

Gentlemen,—In presenting my sixteenth annual report, I would call your attention to the appendices which present in tabular form the usual statistics, which will enable you to see very clearly how the work of the library for the year now closed compares with each of its predecessors.

This has been a very quiet year at the library. We have been busy, but still rather waiting and getting ready for the new burst of life that is expected when we shall have so much more to offer our readers in the new "light and airy" rooms of the new building.

Our library has been kindly remembered by our Senators and Representatives in Congress, and by our Representatives in our state legislature, as will be seen by Appendix II. We have received a valuable series of papers on civil service reform from Bancroft C. Davis, a former resident of this town. The heirs of Dr. Prince gave us quite a number of books belonging to his estate. Many others will be seen to have shown their interest in our prosperity. "Gratitude is a lively appreciation of benefits yet to come," some one wittily says, so we like to show that we are grateful.

The building committee will, doubtless, in their report, give a full list of the donations for the new building.

The circulation has been smaller than for several years. But this is the experience of many libraries. The quality of the circulation has improved, if we may judge by the fact that the percentage of fiction is smaller than ever before, while the use of the
library for reference books and standard books of information has greatly increased. If the new building can be furnished with proper tables for the purpose, the room will be ample to display works of any desired class so as to show to a school, or any club of interested people, whatever works we may have on any subject in which they may be interested, thus enabling the library to do what it is so well designed to do, to supplement the work of the schools, or to be of special use and an incentive to those engaged in any particular calling.

The number of books purchased during the year is smaller than any other year, with one exception, since 1870. This, of course, has tended to reduce the circulation. This is less to be regretted, however, because of the difficulty of locating books on our crowded shelves; but we shall hope that the money diverted from the purchase of books this year will be more than made good by increased appropriations the coming year, for books of permanent value. We should be enabled to supply the demand for the best books; more than this, we should be able to create a demand for useful information by offering the best illustrated works on all subjects that occupy the time of our people in their arts or manufactures, in their various industries. Indeed, time may be saved in obtaining information on any subjects of enquiry by having the best books. It is this idea of the usefulness of the library that has given it such a growth in our state. If the library is made as useful as it is capable of being made, it will become more and more worthy of support. It is not many years—not more than thirty or forty—since the first law was passed making it legal to appropriate money collected by taxation for the purchase of books. "The idea originated in Massachusetts and England nearly at the same time, Massachusetts enterprise having a slight priority."

Now scarcely a town in the Commonwealth exists without its library. Libraries and schools will ever be maintained. It is only a question how generously. This town has done well so far; it would, if it saw how much it is capable of advancing its good name, and—more—the best interests of its people, do still more
to make it effective. It is always creditable to be foremost in any
good work, — especially one which while it may take from our
time, from our means, which may not accord with our love of
leisure and social enjoyment, is sure to add to the general good of
the whole community. The statistics recently published, — all
too few to adequately represent the real progress in this direction
— show a great and constant increase in the number of libraries
in the state and country.

Says General Eaton, Commissioner of Education, "The idea
that a library is not a luxury but a necessity has become recog-
nized among the most intelligent people. It has powerful in-
fluences which penetrate deeply and widely through nearly all
classes to refine their tastes and elevate their principles as certain-
ly as the organized systems of school instruction, though perhaps
less rapidly. The general tendency of persons who continue the
practice of drawing books from a library has been stated by good
authority to be a gradually increasing interest in a more instruct-
ive and improving class of books than those for which they had
at first shown a preference." The library then, with ordinary
management is a power for good. With wise management, look-
ing always to the public advancement, its value to a community
can be measured only with the growth of its appreciation and
use.

Of the whole number of books issued during the past year, an
accurate tabulated account of which has been kept each day so as
to show the circulation of each class for each day and each month,
is 28,274; of which number about six (6) per cent. were con-
sulted in the library building. Of the remaining 94 per cent.
taken away for home use, —

| 6 per cent. were periodicals. | 60   | juveniles and fiction, |
| 6   | descriptive works, geography and travels, |
| 4   | belles lettres and works on art, |
| 3   | education, and theology and religion, |
| 3   | biography, |
2 per cent. poetry,
5 " history, and
4 " science, pure and applied.

This shows only about sixty per cent. of juveniles and fiction, or if we include only books carried home, not quite sixty-four per cent. This is a smaller and not a larger percentage than we have been able to show before. Or we may say that a larger percentage of scientific and useful works have been drawn from the library than before. Our experience certainly confirms the views expressed in the excellent report of the Commissioner of Education, from which I have just quoted.

The same report says: "Much attention is given to the use of libraries in connection with the public schools. Once it was the complaint that, though the school and the library stood side by side, no bridge stretched from one to the other. Now librarians and the trustees of libraries generally are trying to co-operate with teachers and parents in directing into profitable channels the reading of children and youth. The younger children are helped to select interesting and instructive stories and books of history and travel; older ones are guided to the sources of history, the authorities in science, and the finest examples in literature." This is certainly the intent of all who have been connected with our library since it took its first start in the High School of this town, in the little library collected first for the pupils of that school, then the little collection for all the teachers of the town which the then Chairman and members of the School Committee had the wisdom and foresight to see could be increased into a collection ample for the wants of all the children and all the citizens of the whole town. During the past year some teachers have visited the library with a whole class of pupils to see illustrated works which can not conveniently be seen elsewhere. It is hoped that the new building will be furnished with ample accommodations for meeting such wants, with tables in proper places for showing the resources of the library on any subject or class of subjects.

It would be an investment better than houses and lands both in
its permanent value and the sure returns of lasting benefits, if the town would authorize upon entering the new building, in addition to the regular allowance, the purchase of a thousand dollars' worth of illustrated standard works on the different arts and manufactures in which our people are specially interested, and such other works of general reference as all would be glad to see and use, but which few individuals can afford separately to purchase.

Our library compares well with most of the libraries in its proportion of good and interesting works of a moderate cost and in cheaper bindings. The time has come, or we hope will soon come, when it will be deemed wise to purchase some of the more valuable works which we have avoided because of their cost.

Our library need not be a duplicate of every other library, or of any other library. As our people differ from other people in their interests and pursuits, so our library should meet their peculiar wants and be strengthened most where it can do most good. While works calculated to nourish in the minds of all in this community as in all other communities, the common and homely virtues of honesty and sturdy integrity of character are needed here as everywhere, we specially need works illustrating the best that is known on paper manufacture, on iron and iron casting, on manufacture of woolen goods, on tools, machinery and latest processes in working in wood, on dyeing and cleansing, on manufacture by chemical processes of soaps and starch, on the history of and latest improvements in printing, and on whatever the inventive genius or the tastes or opportunities of our people find it best to turn their attention to. It is best to foster in every way the productive industry of our people. How can you more favorably impress the minds of the young than by showing some of those monuments of science and art in the form of richly illustrated works on the common industries. Our full set of Patent Office reports would stimulate more if more consulted. We hope to have a better place to show these valuable volumes.

I have also in mind some finely illustrated French works on interior decorations printed in colors, showing the effect of colors in
papering, painting, and hanging textile fabrics on the walls of houses or other apartments. House carpentry is also illustrated very fully in some works which are rather expensive for any one to buy, but certainly within the means of all if all can share in their use as well as their expense.

There are some very fine books of costumes, giving so perfect ideas of the dress of different ages both as to forms and colors, that it would be possible to reproduce them for the amusement or the edification of the young. Books showing the results of original research in Natural History, in which many of our young people are more or less interested, are of course expensive. We might add one now and then to stimulate the young as could be done in no more effective way than by such master-pieces.

Doubtless you would be glad to receive donations from any one who is moved to thus connect his name with the library. Any one willing to make a personal contribution to this library could give emphasis to his sense of the value of any class of books which he has found helpful.

You will now naturally receive, since the permanency of the library is now assured, from people who love their kind and are interested in our town, many more such contributions than in the past.

The history of the useful arts as well as the history of the fine arts is valuable to us as a matter of education, to enable us to avoid the mistakes of the past and to enable us better to understand what to imitate and how to produce that which is new.

It is a great disappointment to me that there is not a room in the new building which can be a kind of museum of works of art. But we for the present must make the best use we may of the room we have for this purpose. Cases for models can be arranged around the reading-room, the tops of which can be low enough to support any busts or statues, or groups which our friends may give, and space may be left upon the walls for fine engravings or for the paintings which several have intimated they intended to bestow. A work of art is doubly one's own when he has shared its enjoy-
ment with others. Those benevolent people who place their treasures of art where others can enjoy and be improved by them may enjoy them all the more. In the report of the Board of Education of this state for 1882, in Appendix G, is a report on some European industrial art schools and museums. The influence of these art schools upon the productive industry of the country is clearly shown. Although they are almost entirely lacking in the United States, we cannot afford much longer to wholly ignore the benefits which would be derived from some of their methods. Small collections of real works of art,— and for instruction good copies answer very well,— have an effect "to improve the taste of people, and create a demand for artistic industrial productions." With an increase of knowledge of such works only can come that skill which can excel in the production of work of a like character.

Our children have at times had excellent instruction in drawing in our schools; they ought always to have. Evening schools should continue the benefits of such training to those who, having left the day schools have already begun to make practical application of their knowledge to their various handiwork. And in addition to this, works of art, pictures or plaster casts of the work of the best masters, which are not expensive, could be placed in our rooms, where they would be of use. This report in speaking of such schools abroad, notably of the Munich school, says: "The importance of realizing these truths is impressed by the fact that they mark the principal difference between our methods and theirs. These schools have been undoubtedly the means by which workmen have been developed, who, to-day stand pre-eminent in those manufactures which, from their stamp of artistic beauty, find a market the world over."

We don't expect to found a museum of fine art. But seeing the opportunity of our people, we would set before the young a few models, and such illustrative and descriptive works as would give no false bias to their minds so that, for instance, crooked and unsymmetrical forms or figures would give no pleasure though they
were imported from over the great water at considerable expense. Our mechanic apprentices should not be imposed on by mere tyros in the form of draftsmen whom our ignorance of art permits to dictate the forms of our misshapen dwellings. "The taste of our people has made such a marked advance in a few years, that a decided increase in demand has taken place for those articles which lend refinement and beauty to our surroundings." "With the increase of workmen who can create these objects of beauty in our own country," and I may add, in our own town, will come great advantage to them, to the town, and to the country. It is because I would make this library for this town an influence,—more than that, a power,—leading towards "the true, the beautiful, and the good," that I attempt to show that even for this purpose it is a paying investment and can be made to yield still better returns.

Every one reads his daily paper. Many would be glad to look over several daily papers. It is of use for every one to read the arguments on both sides of many questions. Would it not be of use to the town, and attractive to many who have not been readers of books, to open the large lower room in the new building as a reading-room furnished with all the local and city papers, and the best papers of various cities and countries? I think it capable of demonstration that an expenditure of one or two thousand dollars would double the usefulness of what has cost more than forty thousand, if an attractive entrance from the outside were opened directly into this room, and if it were furnished with proper conveniences for such work. Men and women who do not read now would be led from the daily, weekly, and monthly periodicals and papers—perhaps of different languages and nationalities—representing different arts and trades, different sects and parties to seek further information. If we can judge from the experience of places where the plan has been tried, we shall find it an educating force of no insignificant kind. It will be the open door to the more formal and formidable store of books in the library itself above. Let men from the street lay aside their tobacco
and drink for a brief period to enjoy the warmth and light, and
the cheerful daily paper; let the young man find it easy to see the
fine illustrated London News, or some of the finely illustrated
French and German scientific and engineering journals; he may
be willing to be orderly here, and will be more likely to lead a
more orderly life at home or on the street afterwards.
If the people of the town do not feel like incurring this additional
expense, some person or persons of wealth may find the
heart and the means to fit up such a reading-room.
Make the good and useful as good and attractive as we can and
we advance the best interests of all good governments. Make the
offers of intelligence and rational enjoyment free and open to all,
and the interests of all will be conserved better than by all the
costly machinery of police and courts of law with the whole line
of lock-ups, jails, and prisons. Can any man doubt the right
of a community to protect itself by taxing itself for the support of
the former, rather than the latter? Will the great mass of voters
be so blind to their own interests or the interests of their children,
the interests of the community in which they live, as to vote against
the granting of the largest amounts found desirable for such use?
The library in its new house will have more light and better air.
More light and better air is what a library stands for in a commu-
nity, if it has any standing at all. It is not a treasure to be shut
up away from the people. Throw it open more hours with more
helps to make it of service to all.
It must cost the town more to maintain it, but it must be
made more precious to the town. Careful and wise men will not
waste the substance put into their hands for its use. We must
remember that this is an institution which is a living growth.
Transplanted into a larger structure, with larger hopes for its fu-
ture, it should have at first rather generous treatment if we would
not check its budding hopes, if we would gather as soon as may
be its promised fruits.
Gentlemen of the Board of Trustees; may a place around your
table never be sought for ulterior ends: may the voice of sect, or
party, or school of philosophy, or the vanity of selfish interest never, — as they have not in the past, — have a controlling interest in your discussions. But with a single purpose to make the library of the future of the greatest use to all the people, you will find it your highest honor to have nobly served in this noble work.

With thanks for your long continued courtesy and encouragement,

Most respectfully submitted,

SOLON F. WHITNEY, Librarian.
## APPENDIX I.

### USE AND GROWTH OF THE LIBRARY FROM THE BEGINNING.

| YEARS | 1868-69 | 1869-70 | 1870-71 | 1871-72 | 1872-73 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 |
|-------|---------|---------|---------|---------|---------|------|------|------|------|------|------|------|------|------|------|
| Total no. vols. in Library | 2,250 | 4,083 | 5,401 | 5,902 | 6,501 | 7,275 | 8,346 | 9,018 | 10,214 | 10,705 | 11,347 | 11,881 | 12,447 | 13,083 | 14,064 | 14,550 |
| Increase during the year | 2,250 | 4,433 | 718 | 501 | 509 | 774 | 1,071 | 1,272 | 506 | 504 | 752 | 314 | 598 | 635 | 931 | 491 |
| Increase by purchase | 1,788 | 2,120 | 235 | 351 | 480 | 561 | 680 | 789 | 929 | 401 | 404 | 225 | 479 | 378 | 402 | 294 |
| Increase by gift | 462 | 333 | 417 | 84 | 115 | 213 | 291 | 424 | 296 | 92 | 154 | 71 | 107 | 62 | 356 | 138 |
| Increase by binding pamphlets | 36 | 60 | 100 | 68 | 55 | 134 | 18 | | | | | | | 219 | 175 | 45 |
| No. withdrawn, worn out | | | | | | | | | | | | | | | | |
| Total no. of pamphlets in the Library | 687 | 824 | 1,926 | 2,133 | 3,491 | 4,821 | 6,288 | 8,263 | 9,004 | 9,947 | 8,480 | 10,424 | 11,347 | 12,068 | 11,335 |
| Increase of pamphlets and papers by purchase | 90 | 9 | 82 | 602 | 486 | 608 | 790 | 926 | 719 | 705 | 733 | 890 | 781 | 1,115 | 810 | 934 |
| Increase of pamphlets and papers by gift | 457 | 298 | 1,089 | 514 | 812 | 722 | 1,365 | 1,334 | 682 | 450 | 751 | 1,229 | 625 | 399 | 171 | 557 |
| Of these there were bound | 121 | 36 | 876 | 689 | 399 | 173 | 4,145 | 4,231 | 2,448 |
| Total no. of persons who have taken out cards | 727 | 1,071 | 1,250 | 1,484 | 1,764 | 2,024 | 2,279 | 2,500 | 2,713 | 2,982 | 3,135 | 3,311 | 3,497 | 3,686 | 3,880 |
| No. of books covered | 1,088 | 1,502 | 2,116 | 2,456 | 1,806 | 1,260 | 1,817 | 2,250 | 1,720 | 1,424 | 1,183 | 1,279 | 2,341 | 2,044 |
| Money rec'd, catalogue | $3,058 | $12,922 | $8,601 | $6,690 | $12,556 | $11,220 | $14,565 | $8,200 | $5,990 | $5,000 | $5,000 | $5,000 | $5,000 | $5,000 | $5,000 |
| Money rec'd, fines, &c. | $16,289 | $12,585 | $14,111 | $14,784 | $21,685 | $19,086 | $18,730 | $7,749 | $23,945 | $11,412 | $69,74 |

### REPORT OF THE LIBRARIAN.

The Library was open three days each week, at first; now it is open every day (except Sundays and legal holidays) from 3 o'clock till 9, and from 7 till 9. The Library was closed for three months, and the reading-room for a much longer period.

Total number of pamphlets and papers given in 16 years, 12,014.

\[ 16 \text{ " volumes } 3,639. \]

\[ 16 \text{ " pamphlets and papers bound in } 16 \text{ " } 11,145. \]
## APPENDIX II.

### LIST OF DONATIONS OF BOOKS, PAMPHLETS, ETC., TO THE LIBRARY.

<table>
<thead>
<tr>
<th>DONOR</th>
<th>Pamphlets and Papers</th>
<th>Vols</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albany, N. Y., Young Men's Association</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>American Unitarian Association, &quot;Christian Register&quot; and &quot;Unitarian Review&quot;</td>
<td></td>
<td>64</td>
</tr>
<tr>
<td>Ames, Oakes, Sons of</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Ames Free Library, N. Easton, Mass.</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Bates, Phineas, Jr.</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Barker, J. G.</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Barry, Chas. J.</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Boston Public Library</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Bradlee, Rev. C. D.</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Bridgeport Public Library</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Brookline Public Library</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Brooklyn, (N. Y.) Public Library</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Burt, H. M. &amp; F. H., &quot;Newton Graphic&quot;</td>
<td></td>
<td>52</td>
</tr>
<tr>
<td>Candler, J. W., M. C.</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Chase, Henry</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Chicago Public Library</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Cincinnati Public Library</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Clarke, Abbie</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Cleveland O., Public School Library</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Cobden Club, London</td>
<td></td>
<td>le</td>
</tr>
<tr>
<td>Davis, Bancroft C.</td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>Dawes, Hon. H. L., &quot;Official Gazette&quot;</td>
<td></td>
<td>54</td>
</tr>
<tr>
<td>Dedham Public Library</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Ditson, Oliver &amp; Co., &quot;Musical Record&quot;</td>
<td></td>
<td>41</td>
</tr>
<tr>
<td>Engler, Edmund A</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Fay, Prof. C. E.</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Flint, D. B.</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Gleason, S. S., &quot;Watertown Enterprise,&quot; and other papers and pamphlets</td>
<td></td>
<td>76</td>
</tr>
<tr>
<td>Green, Samuel A</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Institution</td>
<td>Count</td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------------------------------------</td>
<td>-------</td>
<td></td>
</tr>
<tr>
<td>Harvard University Library</td>
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<td></td>
</tr>
<tr>
<td>Laidley, Col. T. T. S.</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Lancaster Library Committee</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>March, Geo. N.</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>Massachusetts, Commonwealth of</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Mass. Society for prevention of cruelty to animals</td>
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<td></td>
</tr>
<tr>
<td>Massachusetts State Library</td>
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<td></td>
</tr>
<tr>
<td>Massachusetts Teachers' Association</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Melrose Public Library</td>
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<td></td>
</tr>
<tr>
<td>Morse, Hon. Leopold</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Newton Free Library</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>Peabody Institute, Danvers</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Prince, Dr. Wm. H., Estate of</td>
<td>45</td>
<td></td>
</tr>
<tr>
<td>Providence Public Library</td>
<td>51</td>
<td></td>
</tr>
<tr>
<td>Quincy Public Library</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Russell, Henry</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>San Francisco</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Shaw, Oliver</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>Smithsonian Institute</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Somerville Public Library</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Snow, George K.</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Taunton Public Library</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Thompson, Chas. O.</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>U. S. Bureau of Education</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>U. S. Department of the Interior</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>U. S. Department of State</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>U. S. War Department</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Walker, Samuel</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Warren, William F., Pres. of Boston University</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Watertown Citizens' Alliance</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Wheeler, H. L., “Civil Service Record</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Whitcomb, F. E., Mass. public documents, reports, etc.</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>White, Smith &amp; Co., “Folio”</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Whitney, Solon F., “The Teacher,” and other pamphlets.</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>Woburn Public Library</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Woman's Christian Temperance Union</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Worcester Free Public Library</td>
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<td></td>
</tr>
</tbody>
</table>
APPENDIX III.

LIST OF PERIODICALS REGULARLY RECEIVED AT THE LIBRARY.

Most of these will be found on the tables of the Reading Room.

Agriculturist, The
American Journal of Science.
American Library Journal.
American Naturalist.
Appalachia.
Art Amateur.
Atlantic Monthly.
Auk, The; a quarterly journal of ornithology.
Boston Public Library Bulletin.
Century Magazine.
Christian Register.
Civil Service Record.
Contemporary Review.
Dublin Review.
Eclectic Magazine.
Edinburgh Review.
Education.
Electrician.
English Illustrated Magazine.
Folio, The
Good Words.
Harper's Magazine.
Harvard University Library Bulletin
Journal of Chemistry and Science News.
Literary World.
Littell's Living Age.
London Weekly Times.
Magazine of American History.

Manufacturur and Builder.
Musical Record.
Nation, The
Nature.
N. E. Historical Register.
N. E. Journal of Education.
Newton Graphic.
Nineteenth Century.
North American Review.
Official Gazette of the U. S. Patent Office.
Our Dumb Animals.
Popular Science Monthly.
Princeton Review.
Publishers' Weekly.
Punch.
Quarterly Review.
Sanitarian, The
Science.
Specifications and drawings of patents from the U. S. Patent Office.
St. Nicholas.
Scientific American.
Scientific American Supplement.
Unitarian Review and Religious Magazine.
Watertown Enterprise.
Woman's Journal.
Youth's Companion.
WATERTOWN
FREE PUBLIC LIBRARY.

THE THIRD SUPPLEMENT
TO SECOND CATALOGUE.

1884.
List of Books added during the year 1883 and to Feb. 1, 1884.

Books with no location number must be called for by title. Abbreviations used are the same as in the Catalogue.

Adamson, R. Fichte. (Phil. classics for Eng. readers.) Edinb., 1881. 12° 770 62
Africa. Knox, T: W. See Boy travellers .................................................... 376.25
Agriculture. Emerson, Geo. B. Manual of agriculture .................................. 961.16
Nash, J. A. The progressive farmer ................................................................. 961.14
Norton, John P. Elements of scientific agriculture ........................................ 961.15
Alcohol. Hargreaves, W: Alcohol and science; what it is and what it does. 564.22
Story. Dr. Chas. A. Alcohol: its nature and effects. Ten lectures .................. 564.21
Alden, W. L. Cruise of the canoe club, N. Y., 1883. 18° .............................. 201.43
Aldrich, T: Bailey. From Pontkapog to Pesth. B., 1883. 16° .......................... 362.28
All aboard for the lakes and mountains. Rand, E. A. ................................... 384.20
Allen, G. G. Universal phonography; or shorthand by the "Allen method." B., 1883. 16° ........................................................... 420.31
Financial reform almanack. 1884 ................................................................. 1040.0
Alsacian schoolmaster, The. Erckmann, Emile, a: d Chatian, Alex. .............. 207.60
Ambitious woman. Fawcett, Edgar ................................................................. 227.15
American four-in-hand in Britain. Carnegie, Andrew ..................................... 314.21
American commonwealths. Ed. by Horace E. Scudder. Virginia, by John Esten Cooke .............................................................. 881.5
American note-books, Passages from. Hawthorne, N. .................................. 473.36
American statesmen. Ed. by Morse, J. F., Jr.

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