

FINANCIAL.

MAINTENANCE.

Receipts.	Expenditures.
From consumers (mostly for domestic uses and at fixed rates) . . \$34,122.09	For management and repairs \$3,314.76
From city water precinct, for use of hydrants 5,760.00	For new distribution pipes 3,035.68
From rents, &c. 326.25	For new service pipes 1,431.00
From pipe, &c., sold 29.19	Abatements 34.86
	\$7,816.30
	Amount required to pay interest on bonded indebtedness 24,400.00
	Amount required to pay temporary loan and interest 7,240.00
	Balance 781.23
\$40,237.53	\$40,237.53

CONSTRUCTION.

Cost of Land Damages, Flowage, and Water-Rights.

Paid B. F. & D. Holden, for water-rights	\$60,000.00
W. P. Cooledge, for mill-privilege and land	5,500.00
W. P. Cooledge, for Hutchins house and lot	2,250.00
Humphrey & Farnum, for kit-shop privilege	5,000.00
Mary C. Rowell, for land	1,500.00
Concord Manufacturing Co., for water-rights	3,000.00
Flowage-rights about Penacook lake	4,094.61
	\$81,344.61
Cost of property and rights of Torrent Aqueduct Asso., dam, gate-house, and appurtenances	20,000.00
conduit and upper gate-house	20,886.52
mains (one from the dam to Rumford st., one from the dam to Penacook st., and the other from near the dam to Stark st.)	22,653.11
	107,029.34
Amount carried forward	\$251,913.58

CITY OF CONCORD.

Amount brought forward	\$251,913.58
Cost of distribution pipes	196,123.48
service pipes	30,113.94
engineering and superintendence	7,582.42
incidentals	6,531.19
	<hr/>
Cost of the works, Jan. 1, 1890	\$492,264.61

Bonds of the city have been issued to pay a part of said cost as follows:

When due.	Rate.	Amount.
April 1, 1892,	6	\$200,000.00
" 1894,	6	130,000.00
" 1895,	6	20,000.00
Oct. 1, 1912,	4	45,000.00
Nov, 1, 1896,	4	10,000.00
" 1897,	4	10,000.00
" 1898,	4	10,000.00
" 1899,	4	10,000.00
		<hr/>
		\$435,000.00

The balance of said cost has been paid in part from the income of the works and in part by taxation. It will be noticed that items properly chargeable to construction account are included in the expenditures of the present year. Similar expenditures have been made each year.

Report of the Superintendent.

To the Board of Water Commissioners:

I herewith present to you the annual statement of my accounts as Superintendent for the year ending December 31, 1889:

RECEIPTS.

For water from consumers,	\$34,085.58
From the city precinct for hydrants,	5,760.00
From delinquents,	36.51
For use of meters,	67.92
rent of Cooledge house,	100.00
rent of Cooledge lot,	10.00
rent of stable at Penacook lake,	40.00
rent of office,	108.33
pipe and stock sold,	29.19
	\$40,237.53
Deduct abatements,	34.86
	\$40,202.67

EXPENDITURES.

Paid V. C. Hastings, superintendent,	\$1,500.00
E. L. Gove, labor,	497.63
E. M. Byrnes, "	150.00
Nathaniel White, Jr., rent,	300.00
N. H. Democratic Press Co., printing,	28.00
Silsby & Son,	42.21
Ira C. Evans, printing,	7.75
Concord Gas Light Co.,	13.96
Ranlet & Marsh, coal,	32.75
Pilsbury & Day, coal.	34.85

Telephone Exchange,	\$108.00
John Chadwick, rent,	18.00
Sewall & Day, Manila cord,	8.37
Geo. W. Chesley, chestnut plank,	56.63
J. B. Edson, charts,	5.00
Peck Brothers, brass goods,	119.90
Walworth Mfg., valves, pipe, and tools,	269.22
Gilchrist & Gorham, pipe,	192.54
Chapman Valve Mfg. Co., hydrants,	73.30
Peet Valve Co., valves,	20.26
National Tube Works, pipe,	150.24
Whittier Machine Co.,	106.15
Geo. Goodhue, pipe, etc.,	59.34
Munns & Paige, pipe,	8.60
National Meter Co., meters,	37.40
Hersey Meter Co.,	19.25
Boston Lead Co., lead pipe,	113.94
Humphrey & Dodge, hardware,	65.48
W. D. Thompson, hardware,	39.53
Scribner & Britton,	5.85
N. S. Gale,	5.93
Stevens & Duncklee,	17.34
Ford & Kimball, old lead and castings,	106.89
John C. Thorne, rubber boots,	5.00
O. Ballou,	12.00
N. C. Nelson, repairing clock,	2.00
Thos. Watkins,	8.50
E. B. Hutchinson, labor and lumber,	72.64
Davis & Farnum Mfg. Co., pipe and castings,	40.24
Granite Railway Co., old lead,	11.50
Isaac Baty, old lead,	8.07
Brown & Abbott, team work,	45.95
W. B. Cunningham,	11.25
A. L. Proctor,	13.55
Geo. F. Sewall,	2.30
Geo. L. Theobald,	4.05
Davis Brothers, team work,	3.25
A. R. Ayers, room paper,	3.73

W. A. Huntress,	\$2.38
V. C. Hastings, cash paid out,	76.04
C. H. Martin & Co.,	12.42
Batchelder & Co.,	6.59
Foss & Merrill, engineering,	32.85
James H. Rowell & Co., concrete,	2.00
Woodworth & Co., cement,	23.60
Wm. S. Davis & Son,	1.25
S. G. Sanborn, rent, etc.,	7.25
J. M. Crossman, smith-work,	2.60
E. B. Hanchay, "	20.20
F. W. Landon,	13.20
Concord Railroad, freight,	22.30
E. A. Moulton, painting,	10.90
B. Bilsborough, "	5.50
O. F. Richardson, labor,	11.25
Penacook Sewer Department, labor,	10.80
Henry Morrill, labor,	7.05
Pay-roll, labor,	1,849.35
R. D. Wood & Co., pipe,	750.37
M. J. Drummond, pipe,	384.45
Incidentals,	70.75
	<hr/>
	\$7,781.44

The expenses are divided as follows :

For management and repairs,	\$3,036.81
new service pipes,	1,431.00
new distribution pipes,	3,035.68
lowering the grade on Warren street,	277.95
	<hr/>
	\$7,781.44

EXTENSIONS AND IMPROVEMENTS.

Main and distribution pipes have been laid and hydrants set, during the year, as follows :

In Durgin street,

south from School street, 265 feet 6-in. pipe, and 1 hydrant.

In Perley street,

from Joseph A. Gervais's house, west to South street, 260 feet 4-in. pipe and 1 hydrant.

In Blake street,

from Green street east, 300 feet 4-in. pipe.

In Prince street,

from Green to No. Spring street, 515 feet 4-in. pipe.

In Perry Ave.,

south from Washington street, 335 feet 4-in. pipe and 1 hydrant.

In Highland street,

west from Bradley street, 432 feet 4-in. pipe.

In Walker street,

west from Bradley street, 488 feet 4-in. pipe.

In Charles street,

south from Franklin street, 181 feet 4-in. pipe.

In Lyndon street,

north from Beacon street, 230 feet 4-in. pipe.

In Ferry street,

east from Wm. P. Ford & Co.'s foundry, 672 feet 4-in. pipe, and one hydrant.

In Maple street, Penacook,

west from High street, 214 feet 4-in. pipe.

In Fifth Ave.,

near S. Paul's School, 585 feet 2-in. pipe.

In Forest street,

58 feet 2-in. pipe.

In Bye street, Penacook,

293 feet 2-in. pipe.

Lowering the grade of Warren street near the jail by the street department necessitated laying 327 feet 4-in. pipe and relaying the service pipes, at an expense of \$277.95.

SUMMARY OF THE FOREGOING.

<i>Pipes.</i>	<i>Hydrants.</i>	<i>Stop-Gates.</i>
$\frac{3}{4}$ -in., 200 feet.	Perley street, 1	4-in., 14
1-in., 1,082 feet.	Durgin street, 1	6-in., 4
2-in., 936 feet.	Washington street, 1	—
4-in., 3,627 feet.	Ferry street, 1	18
6-in., 265 feet.	—	—
—	4	—
6,110 feet.	Whole number hy-	Whole number gates
—equal to 1.15 miles.	drants now in use, 174	now in use, 389

SERVICE PIPES.

There have been laid during the year, and connected with the main pipe, 143 service pipes, consisting of,—

134 $\frac{3}{4}$ -inch, or 3,015 feet.	
6 2-inch, 202 “	
2 4-inch, 67 “	
1 6-inch, 6 “	
—	—
143	3,290 “

Whole number service pipes, 2,309.

Whole number of feet, 53,602, equal to $10\frac{15}{100}$ miles.

There have been repaired during the year 15 leaks.

The following table shows the height of water at the lake on the first day of each month :

January, . . . 182.75	July, . . . 181.30
February, . . . 182.00	August, . . . 180.80
March, . . . 180.90	September, . . . 179.70
April, . . . 182.10	October, . . . 179.00
May, . . . 182.30	November, . . . 178.90
June, . . . 181.70	December, . . . 179.50

The lowest point reached was November 15, being 178.85 ; the highest was January 1, 182.75 ;—mean height, 180.91, being 1.05 feet lower than during the year 1888.

Respectfully submitted,

V. C. HASTINGS, *Supt.*

Report of the Water Commissioners.

To the City Council:

The Water Commissioners herewith present their report of the operations of the Water Department for the year 1889 :

The construction account Jan. 1,	
1889, was	\$487,797.93
Increase during the year,	4,466.68
<hr style="width: 10%; margin-left: auto;"/>	
Cost of the works Jan. 1, 1890,	\$492,264.61
The receipts and expenditures for 1889 appear in the fore-going report of the superintendent in detail :	
Gross receipts for 1889,	\$40,237.53
“ “ “ 1888,	38,441.32
<hr style="width: 10%; margin-left: auto;"/>	
Increase for 1889,	\$1,796.21
The actual increase for 1889 was	\$2,396.21
Accounted for as follows :	
from the extension to Millville,	\$92.55
from the extension to Penacook,	415.74
from the compact part of the city,	1,887.92
<hr style="width: 10%; margin-left: auto;"/>	
	2,396.21
In anticipation of an increase of receipts the commissioners decreased the amount charged the water precinct for water for hydrant service,	
	600.00
<hr style="width: 10%; margin-left: auto;"/>	
Leaving the increase as stated above	\$1,796.21

The increase of population in the city has required an extension of the distribution and service pipes 6,110 feet, but 2,772 feet of $\frac{3}{4}$ and 1-inch pipe has been taken up, so that the actual increase is 3,338 feet. The commissioners have reason to expect that a similar increase will be required for 1890.

The number of leaks during the year was fifteen, as against

eleven last year, but three of the leaks were caused by lightning, reducing the number to twelve from all other causes.

In our report for 1888 we stated that there was a temporary indebtedness of \$7,000. This indebtedness, with interest amounting to 240, has been paid from the earnings for 1889, leaving a balance on hand of \$781.23.

The pressure in the most elevated parts of the precinct is hardly sufficient to meet the requirements of the citizens residing there, and properly to protect the property there located. The commissioners have had this matter under consideration, but as yet have not decided upon a plan. It is probable that some additional expenditure will be required for this purpose in the near future.

All of which is respectfully submitted,

JAMES L. MASON,
JOSEPH H. ABBOT,
SAMUEL S. KIMBALL,
GEORGE A. YOUNG,
JOHN KIMBALL,
WILLIAM M. CHASE,
STILLMAN HUMPHREY,

Water Commissioners.

TREASURER'S REPORT.

—

W. F. THAYER, *Treasurer*,

In account with CONCORD WATER-WORKS.

RECEIPTS.

Balance on hand, January 1, 1889,	.		\$492.49	
Income of Water-Works,	.	.	40,202.67	
			\$40,695.16	

EXPENDITURES.

Interest on Water-Works bonds,	.		\$24,455.00	
Notes paid,	.	.	7,000.00	
Interest on Water-Works notes,	.	.	240.00	
Maintenance and extension,	.	.	7,781.44	
Balance in hands of Treasurer,	.	.	1,218.72	
			\$40,695.16	

W. F. THAYER, *Treasurer*.

APPENDIX.

I.

Receipts for Each Year since the Completion of the Works.

For the year ending January 31, 1874,	\$4,431.10
For fifteen months ending April 1, 1875,	17,535.00
For the year ending April 1, 1876,	16,921.24
“ “ “ 1877,	19,001.07
“ “ “ 1878,	20,763.03
“ “ “ 1879,	21,869.86
“ “ “ 1880,	22,451.53
“ “ “ 1881,	26,744.58
For nine months ending December 31, 1881,	25,534.01
For the year ending December 31, 1882,	27,243.06
“ “ “ 1883,	28,255.48
“ “ “ 1884,	28,915.65
“ “ “ 1885,	30,222.54
“ “ “ 1886,	30,862.64
“ “ “ 1887,	34,047.52
“ “ “ 1888,	38,441.32
“ “ “ 1889,	40,237.53
Total receipts for seventeen years,	433,477.16

II.

Mean Height of the Water Each Year.

1873,	175.86	1882,	179.15
1874,	179.50	1883,	176.40
1875,	180.00	1884,	178.18
1876,	180.28	1885,	176.80
1877,	176.46	1886,	178.10
1878,	179.50	1887,	179.04
1879,	179.74	1888,	181.96
1880,	175.30	1889,	180.91
1881,	174.70		

III.

Main and Distribution Pipes Laid and Now in Use.

30-inch main,	1,950 feet.
18-inch “	11,681 “
16-inch “	151 “
14-inch “	26,491 “
12-inch “	1,351 “
14-inch “	3,704 “
12-inch “	11,977 “
Carried forward,	57,305 “

Brought forward,	.	.	.	.	.	57,305 feet.
10-inch distribution,	.	.	.	.	.	4,765 "
8-inch "	.	.	.	.	.	23,170 "
6-inch "	.	.	.	.	.	59,232 "
4-inch "	.	.	.	.	.	57,648 "
2-inch "	.	.	.	.	.	936 "
1½-inch "	.	.	.	.	.	93 "
1-inch "	.	.	.	.	.	14,398 "
¾-inch "	.	.	.	.	.	9,304 "
Total,	.	.	.	.	.	226,851 "
—equal to 42.96 miles.						

IV.

Water is Now Supplied for the Following Uses :

2,837 families,	2 undertakers,
1,416 water-closets,	30 meters,
345 bath-tubs,	1 tannery,
604 wash-bowls,	2 bakeries,
170 heating apparatus,	98 offices,
9 water motors,	105 stores,
3 elevators,	10 drug stores,
59 urinals,	12 markets,
692 yard hydrants,	5 restaurants,
174 fire hydrants,	5 greenhouses,
22 private fire hydrants,	9 fountains,
3 drinking-fountains,	10 barber-shops
10 public watering-troughs,	28 mechanic shops,
5 street sprinklers,	6 plumber shops,
14 churches,	26 stationary engines,
1 library,	6 printing establishments,
11 public schools,	1 organ and piano manufactory,
3 private schools,	3 carriage manufactories,
8 city buildings,	2 book-binders,
1 state-house,	3 photographers,
1 state prison,	2 coal-yards,
1 post-office,	1 brick-yard,
1 Masonic hall,	1 dye-house,
1 Odd Fellows hall,	4 laundry,
4 banks,	10 livery stables,
5 hotels,	630 horses,
2 railroads,	157 cattle,
1 gas-works,	6 saloons,
3 foundries,	1 jail,
1 Electric Light Co.,	6 cemeteries.
4 billiard halls,	

FIRE-HYDRANTS.

STREETS.	LOCATIONS.	Number.	Total.
Main.	South-west corner North Main and Penacook.....	1	
"	East side North Main, near J. B. Walker's.....	1	
"	Junction North Main and Fisk.....	1	
"	North-west corner North Main and Franklin.....	1	
"	" " Washington.....	1	
"	East side North Main, opposite Chapel.....	1	
"	North-west corner North Main and Court.....	1	
"	East side North Main, opposite Montgomery.....	1	
"	South-east corner North Main and Bridge.....	1	
"	South-west corner North Main and Park.....	1	
"	North-west corner North Main and Capitol.....	1	
"	" " School.....	1	
"	East side North Main, opposite Phenix Hotel building.....	1	
"	East side North Main, in rear Eagle Hotel.....	1	
"	East side North Main, in rear Woodward block.....	1	
"	North-west corner North Main and Warren.....	1	
"	South-east corner North Main and Depot.....	1	
"	North-west corner North Main and Pleasant.....	1	
"	North-east corner South Main and Freight.....	1	
"	North-west corner South Main and Fayette.....	1	
"	East side South Main, opposite Thompson.....	1	
"	North-west corner South Main and Cross.....	1	
"	" " Thorndike.....	1	
"	" " Perley.....	1	
"	East side South Main, opposite Abbot-Downing Co.'s.....	1	
"	North-west corner South Main and West.....	1	26
Turnpike.	West side Turnpike, opposite Gas.....	1	
"	" " near J. B. Weeks's.....	1	2
Water.	West side Water, near Capt. James Thompson's.....	1	1
Hall.	West side Hall, below Rolfe and Rumford Asylum.....	1	1
State.	North-west corner North State and Penacook.....	1	
"	" " Walker.....	1	
"	" " Church.....	1	
"	" " Tremont.....	1	
"	North-east corner North State and Washington.....	1	
"	West side North State, opposite Court.....	1	
"	North-west corner North State and Maple.....	1	
"	North-east corner North State and Centre.....	1	
"	East side North State, opposite state-house.....	1	
"	South-west corner North State and School.....	1	
"	North-west corner North State and Warren.....	1	
"	" " Pleasant.....	1	
"	East side South State, opposite Wall.....	1	
"	North-west corner South State and Thompson.....	1	
"	South-west corner South State and Monroe.....	1	
"	East side South State, opposite Laurel.....	1	
"	South-east corner South State and Downing.....	1	
"	North-east corner South State and West.....	1	
"	Junction of South State and Turnpike.....	1	19
Green.	East side Green, opposite Prince.....	1	1
South.	West side South, opposite Wall.....	1	
"	North-west corner South and Fulton.....	1	
"	West side South, opposite Monroe.....	1	
"	" " Laurel.....	1	
"	" " Downing.....	1	
"	" " Allison.....	1	
"	" " Abbot farm.....	1	
"	" " Smith farm.....	1	8
Spring.	South-west corner South Spring and Oak.....	1	
"	West side South Spring, opposite Cross.....	1	
"	" " Perley proposed extension.....	1	3
Bradley.	East side Bradley, opposite Highland.....	1	
"	West side Bradley, opposite Walker.....	1	2
Rumford.	West side Rumford, opposite Perkins.....	1	
"	North-east corner Rumford and Franklin.....	1	

FIRE-HYDRANTS—*Continued.*

STREETS.	LOCATIONS.	Number.	Total.
Rumford.	West side Rumford, opposite Beacon.....	1	
"	North-east corner Rumford and Abbot.....	1	
"	North-east corner Rumford and Cambridge.....	1	
"	North-east corner Rumford and School.....	1	6
Church.	North side Church, opposite Lyndon.....	1	1
Franklin.	North-west corner Franklin and Jackson.....	1	1
Centre.	" Centre and North Spring.....	1	
"	" Centre and Rumford.....	1	
"	South-west corner Centre and Pine.....	1	8
Washington.	" Washington and Union.....	1	
"	North-west corner Washington and Rumford.....	1	
"	North side Washington, opposite Perry avenue.....	1	3
School.	North-west corner School and Green.....	1	
"	" School and North Spring.....	1	
"	" School and Merrimack.....	1	
"	North side, near City storehouse.....	1	
"	North side, near W. S. Brooks's.....	1	
"	South-east corner School and Giles.....	1	5
Warren.	North-west corner Warren and Green.....	1	
"	" Warren and North Spring.....	1	
"	" Warren and Rumford.....	1	
"	South-west corner Warren and Merrimack.....	1	
"	North-west corner Warren and Tabanto.....	1	
"	South-east corner Warren and Liberty.....	1	
"	Junction Warren and Pleasant, near Fruit.....	1	7
Minot.	West side Minot, near Odd Fellows' Home.....	1	1
Jackson.	North-west corner Jackson and Beacon.....	1	1
Pleasant.	" Pleasant and Green.....	1	
"	" Pleasant and Rumford.....	1	
"	South side Pleasant, opposite Pine.....	1	
"	" " Liberty.....	1	
"	North side Pleasant, near Salem.....	1	
"	South " " Kilburn's.....	1	
"	North " " Mrs. Lane's.....	1	
"	North " " J. M. Hammond's.....	1	
"	South " " opposite Pond road.....	1	
"	South " " near J. Milnor Coit's.....	1	
"	North " " opposite Hospital.....	1	
"	South " " near the Mill.....	1	12
West.	North side West, near Badger.....	1	
"	" opposite Dakin.....	1	
"	" at intersection Broadway.....	1	3
Mill	South-east corner Mill and Downing.....	1	1
Durgin.	West side Durgin, near Toof's laundry.....	1	1
Railroad sq.	North-west corner Railroad square and Depot.....	1	
"	South-west corner Railroad square and Hill's avenue.....	1	2
Summer.	North-east corner Summer and Pitman.....	1	1
Chandler.	South side Chandler, opposite Railroad.....	1	1
Perley.	North-west corner Perley and Grove.....	1	
"	South side Perley, near old brook.....	1	2
Laurel.	North-east corner Laurel and Pierce.....	1	1
Thorndike.	" Thorndike and Grove.....	1	1
Cross.	South side Cross, opposite Jefferson.....	1	1
Fayette.	North-west corner Fayette and Elm.....	1	1
Union.	" Union and Maple.....	1	1
Allison.	" Allison and Mills.....	1	1
Fruit.	North-east corner Clinton and Fruit.....	1	
"	East side Fruit, opposite Wm. W. Critchett's house.....	1	2
High.	North-west corner High and Auburn.....	1	
"	East side High opposite Forest.....	1	
"	South-west corner High and Franklin.....	1	3
Valley.	North side Valley, opposite Forest.....	1	1
Ferry.	North side Ferry, east of C. & M. Railroad.....	1	1
Bridge.	South side Bridge, near easterly barn.....	1	1
Marshall.	North side Marshall, opposite Fuller.....	1	1

FIRE HYDRANTS—*Concluded.*

STREETS.	LOCATIONS.	Number	Total.
On main line	East side West Concord road, at Fosterville.....	1	
"	West side West Concord road, at cemetery gate.....	1	
"	East side West Concord road, near C. K. Farnum's.....	1	
"	East side West Concord road, near old city farm buildings..	1	
High.	East side High street, West Concord, near S. W. Kellom's... " " " Mrs. G. E. Holden's	1	6
Hutchins.	North side Hutchins, near B. T. Putney's.....	1	
"	" " " C. & C. Railroad.....	1	2
Main.	East side West Concord road, near Engine house.....	1	
"	" " " opposite D. Holden's.....	1	
"	West side " " near north mill.....	1	
"	East side " " opposite Geo. W. Brown's... " " " near Mr. Harrington's..... " " " opposite A. Hollis.....	1	6
Pen'c'k Road	West side Penacook road, near Warner road.....	1	
"	" " " near Mr. Currier's.....	1	2
PENACOOK			
Main.	West side Main (Penacook) opposite Stark street..... " " " near Mr. Prescott's.....	1	
"	South-west corner Main and Union.....	1	
"	Washington Square, opposite Washington.....	1	
"	North-west corner Main and Charles.....	1	
"	North side Main, opposite East Canal.....	1	
"	North side near iron bridge.....	1	7
High.	East side High, opposite Summit.....	1	
"	North-west corner High and Maple.....	1	
"	North-west corner High and Spring.....	1	3
Washington.	South-east corner Washington and Union.....	1	
"	South side Washington, opposite John Whitaker's.....	1	
"	South side Washington opposite Charles.....	1	3
Charles.	South-west corner Charles and Warren.....	1	
"	North side Charles near Geo. W. Corey's.....	1	2
West Canal.	South-east corner West Canal and Warren.....	1	1
East Canal.	North side East Canal, near Contoocook Mfg. Co.....	1	
"	North side East Canal near Crescent.....	1	2
Merrimack.	South side Merrimack, opposite Merrimack avenue.....	1	
"	North side " " D. W. Fox's.....	1	
"	North side " " Cross.....	1	
"	South side Merrimack opposite Rolfe's shop.....	1	
"	North side Merrimack near road to Island.....	1	
"	North-west corner Merrimack and Penacook.....	1	6
Summer.	North-east corner Summer and Centre.....	1	1
Spring.	North-east corner Spring and Church.....	1	1
Centre.	North-west corner Centre and Spring.....	1	1
Cross.	South-west corner Cross and Summer.....	1	1
Whole number of public hydrants.....			174
PRIVATE HYDRANTS.			
	Concord Railroad yard, 3 post and 3 flush hydrants.....	6	
	Northern Railroad yard, 4 post hydrants.....	4	
	New state prison.....	3	
	Old state prison yard.....	2	
	Abbot-Downing Co.'s yard.....	2	
	Page Belting Co.'s yard.....	2	
	W. P. Ford & Co.'s yard.....	1	
	N. H. Asylum for Insane yard.....	1	
	Concord Gas-Light Co.'s yard.....	1	
Whole number of private hydrants.....			22

STREET DEPARTMENT.

REPORT OF THE COMMISSIONER OF HIGHWAYS.

During the season Main street from Bridge to Centre has been paved with block paving, and Capital street has been paved with concrete from State to Green, the latter at an expense of \$949.75.

The macadamizing on Warren street from State to Spring has been recoated, as has also Main street from Thorndike to Cross street. North Main street from Washington to Church street, and State street from Walker to Penacook street, have been newly macadamized.

Horse Hill bridge has been entirely planked and new stringers put in, as have also Twin bridge at Penacook and Borough bridge.

While the Free bridge is practically safe for present travel, it is fast growing weaker, and should be replaced at an early day by a new one, as the present bridge cannot be repaired with economy. The iron bridge at East Concord has got to be entirely replanked and new stringers put in.

It has been necessary to put in a great many new catch basins at Penacook the past season, which work will not have to be repeated for some time to come.

The extensions of Walker street and Capitol street have been built the past year.

The constant call for new streets, and the cost of building them, necessitates a considerable increase in the expenses each year.

Respectfully submitted.

DANIEL K. ABBOTT,

Commissioner of Highways.

Below is a list of the property belonging to the city and under the control of this department, which varies somewhat from year to year :

Lumber, stone, etc., at city storehouse, .	\$400.00
Three horses,	600.00
Two stone rollers,	250.00
Five street sprinklers,	1,100.00
Stone-crusher, engine, and building, .	2,000.00
Street sweeper,	350.00
Horse-cart and wagon,	50.00
Three road-machines,	450.00
Large horse-sled,	50.00
Small horse-sled,	15.00
Two-horse dump-cart,	100.00
One derrick,	100.00
Picks, shovels, and small tools, . . .	400.00
	<hr/>
	\$5,865.00

There has also been paid to the city treasurer the sum of \$955.17 for amounts collected of abutters for their proportions of concrete sidewalks, as follows :

RECEIPTS.

From Mrs. A. C. Heath,	\$3.30
J. Louis Cass,	10.12
N. F. Lund,	18.28
D. Fowler heirs,	4.13
Mrs. A. S. Marshall,	12.36
Unitarian church,	150.74
G. H. Moore,	8.39
A. B. Cross,	7.32
W. P. Blake,	7.26
H. Partridge, West Concord,	15.30
W. F. Thayer, Tahanto street,	4.39
W. F. Thayer, Pine street,	3.67
G. S. Kellom,	6.75
S. B. Eaton,	9.34
Dr. E. G. Cummings,	14.29

John C. French,	\$4.36
W. J. Fernald,	15.43
Martin Dooley,	9.28
Frank Coffin,	2.94
A. C. Ferrin,	7.91
J. T. Clough,	10.17
Haley Mfg. Co.,	17.05
S. K. Gill,	38.22
Mrs. M. French, Penacook, . .	22.44
Western Cofran,	9.03
John Roberts, West Concord, .	13.14
George Goodhue,	8.62
J. S. Hoitt,	18.57
John W. Edgerly,	7.12
White's opera-house,	17.30
E. H. Dixon,	9.82
B. French,	23.75
J. H. Pearson,	122.49
S. G. Long,	12.15
E. G. Brown,	6.47
Matthew Dorsey,	11.10
School-district, West Concord, .	93.75
J. D. Foley,	20.41
N. E. Martin,	1.69
Odd Fellows' Building,	26.25
W. H. Colby,	15.50
James Doland,	8.83
C. W. Clark,	19.13
Mechanicks National Bank, . .	36.56
W. G. Blanchard,	6.22
Mrs. Ann Stevens,	12.25
W. A. Chesley,	3.36
W. Welch,	8.77
Walter Bates,	39.45
	<hr/>
	\$955.17

SPRINKLING THE STREETS.

The following account of the receipts and expenditures for sprinkling the streets, for the season of 1889, is inserted for the information of the public :

RECEIPTS.

North Main Street.

EAST SIDE.

Merrick & Martin,	\$5.00	Leach & Stevens,	\$1.00
G. B. Emmons,	5.00	D. E. Murphy,	1.00
Moseley & Co.,	2.00	R. E. Walker,	1.00
N. H. Dem. Press Co.,	3.00	R. P. Staniels & Co.,	1.00
W. F. Danforth & Son,	2.00	T. W. & J. H. Stewart,	5.00
Scribner & Britton,	2.00	F. P. Mace,	3.00
Batchelder & Co.,	5.00	E. B. Davis,	1.00
Rep. Press Association,	5.00	Sleeper & Hood,	5.00
J. E. Pecker,	1.00	Piper & Ballou,	3.00
A. P. Fitch,	3.00	J. J. Dooning,	2.00
E. H. Rollins & Son,	3.00	Shaw & Jackson,	5.00
D. B. Donovan,	1.00	Humphrey & Dodge,	10.00
W. A. Thompson,	2.00	J. A. White,	6.00
F. E. Colburn,	2.00	W. U. Tel. Co.,	3.00
N. G. Carr,	2.00	N. H. S. Bank,	5.00
F. Reed & Co.,	5.00	J. M. Stewart & Sons,	5.00
G. A. Young,	2.00	W. P. Underhill & Co.,	3.00
W. D. Thompson,	5.00	F. E. Nelson,	3.00
Phenix Hotel,	7.00	J. C. Thorne,	5.00
Eagle Clothing House,	3.00	G. W. Wadleigh,	1.50
R. H. Ayer,	3.00	F. H. George,	2.00
H. D. Hammond & Co.,	3.00	S. Wardner,	2.00
M. Wolfe,	5.00	E. E. Fisher,	1.00
Woodman & Robinson,	2.00	J. Welcome,	1.00
G. K. Mellen,	3.00	H. W. Brickett,	3.00
C. N. Towle,	1.00	A. C. Sanborn,	2.00
Smith & Jenkins,	3.00	T. Hiland,	3.00
E. B. Crapo,	3.00	Mrs. O. Stearns,	5.00
Dow & Weeeler,	1.00	W. H. Pitman,	2.00

F. Battles,	\$1.00	C. S. Parker,	\$2.00
W. W. Niles,	2.00	W. G. Carter,	5.00
Mrs. A. McFarland,	2.50	P. H. Larkin,	2.00
W. K. McFarland,	2.50	J. F. Healey,	1.00
J. F. Morrill,	2.00	S. S. Kimball,	7.00
B. S. Warren,	2.00	C. T. Page,	2.00
S. A. Dow,	1.00	J. B. Walker,	7.00
Mrs. M. C. H. Seavey,	3.00	Thurston & Emmons,	2.00
F. S. Streeter,	3.00		
Mrs. J. Abbott,	2.00		<u>\$228.50</u>

WEST SIDE.

J. F. Hoit,	\$3.00	J. S. Hubbard,	\$1.50
G. W. Dudley,	3.00	Jacobs Bros.,	1.00
D. W. Sullivan & Co.,	3.00	E. W. Willard,	3.00
C. H. Martin & Co.,	3.00	F. E. Heath,	2.00
G. H. Moore,	2.00	G. L. Hooper,	2.00
D. E. Clarke,	2.00	A. K. Knapp,	1.00
W. K. Day,	1.50	J. Broggin,	1.00
C. M. Boynton,	1.00	J. B. Sanborn,	3.00
State Capital Bank,	5.00	J. Pendergast,	1.00
A. G. Harris,	3.00	Brown & Otis,	5.00
Stevens & Duncklee,	3.00	Reed & Mudgett,	2.00
F. A. Bates,	3.00	J. H. Lamprey,	2.00
First National Bank,	5.00	E. S. Nutter,	2.00
Morrill Bros.,	3.00	Mrs. R. Kittredge,	2.00
T. A. Heath & Co.,	3.00	W. P. Ford & Co.,	4.00
Mrs. F. Pearson,	2.00	G. H. Marston,	3.00
A. P. Sherburne,	2.00	H. Robinson,	3.00
J. R. Hill Harness Co.,	5.00	H. J. Crippen,	3.00
Chase & Streeter,	2.00	A. P. Carpenter,	3.00
J. Hazelton & Son,	3.00	G. F. Page,	2.00
Morrill & Danforth,	2.00	H. McFarland,	5.00
H. N. Newell,	5.00	J. P. George,	2.00
Underhill & Kittredge,	3.00	M. R. Holt,	2.00
Mech. Nat. Bank,	5.00	E. Gerrish,	5.00
Hunt & Wilson,	3.00	A. W. Gale,	2.00
R. F. Robinson,	2.00	Haley Mfg. Co.,	3.00
A. R. Ayers,	3.00		
Silsby & Son,	3.00		<u>\$149.00</u>

South Main Street.

S. C. Morrill,	\$3.00	Mrs. J. R. Hill,	\$5.00
Lee & Kenna,	1.00	L. A. Smith,	3.00
E. G. Cummings,	1.00	J. E. Dwight,	5.00
Cummings Bros.,	3.00	I. L. Pickering,	2.00
S. G. Noyes,	3.00	D. J. Murphy,	1.00

STREET DEPARTMENT.

121

H. O. Marsh,	\$3.00	J. H. Abbot,	\$5.00
A. Belisle,	1.00	St. Mary's School,	3.00
H. B. Tebbetts,	5.00	Mrs. C. C. Lund,	3.00
G. Clough,	5.00	S. A. Carter,	3.00
Miss C. I. Wyatt,	2.00	B. A. Kimball,	5.00
J. Sexton,	1.00	J. M. Hill,	3.00
W. L. Hood,	1.00	C. H. Thorndike,	3.00
G. W. Greer,	1.00	Mrs. J. A. Eames,	5.00
G. B. Whittredge,	3.00	J. H. Goodrich,	2.00
L. B. Hoyt,	3.00	J. E. Barry,	5.00
W. W. Cloud,	1.00	J. Benson,	2.00
A. D. Ayling,	3.00	Miss M. A. Downing,	10.00
I. M. Savage,	2.00	Abbot-Downing Co.,	5.00
F. E. Winegar,	2.00	N. A. Willis,	1.00
Pilsbury & Day,	3.00	J. M. Tilton,	1.00
J. C. Norris & Co.,	3.00	A. F. Holt,	2.00
J. S. Norris,	2.00		
F. Evans,	2.00		
			<hr/>
			\$128

North State Street.

Crowell & Martin,	\$2.00	W. L. Foster,	\$3.00
H. L. Rand,	1.50	Mrs. I. Hamilton,	2.00
C. E. Burnside,	2.00	G. T. Comins,	3.00
J. Kimball,	5.00	C. B. Hill,	2.00
E. Morrill,	2.00	Mrs. O. Pillsbury,	3.00
N. T. Clark,	1.50	D. C. Roberts,	3.00
H. A. Kendall,	1.00	B. F. Virgin,	2.00
Mrs. C. Howe,	3.00	C. R. Sanborn,	1.00
Mrs. A. C. Pierce,	3.00	A. J. Batchelder,	1.00
M. W. Russell,	2.00	P. C. Bean,	2.00
N. White,	4.00	Mrs. L. B. Morrill,	2.00
G. Walker,	3.00	H. E. Abbot,	2.00
H. H. Dudley,	3.00	J. C. Ordway,	2.00
J. H. Gallinger,	2.00	Mrs. O. C. Baker,	1.00
B. E. Badger,	2.00	J. A. Dadmun,	2.00
J. W. Merrill,	2.00	J. N. McClintock,	1.00
G. L. Nutter,	1.00	A. B. Thompson,	5.00
M. E. Flanders,	1.00	P. Kittredge,	3.00
J. H. Holland,	2.00		
Mrs. G. Jones,	1.00		
A. Folger,	1.00		
			<hr/>
			\$85.00

South State Street.

T. H. Ford,	\$5.00	D. D. Taylor,	\$1.00
A. P. Chesley,	3.00	J. C. Norris,	3.00
A. Atherton,	1.00	Mrs. C. Parker,	1.00

D. D. Brainerd,	\$2.00	Sisters of Mercy,	\$2.00
G. E. Todd,	3.00	J. L. Mason,	1.00
N. F. Carter,	1.00	H. Rolfe,	1.00
J. Minot,	3.00	H. C. Sturtevant,	1.00
C. P. Virgin,	1.00	W. H. Alexander,	2.00
P. Flanders,	1.00	W. Burbank,	1.00
G. H. Emery,	3.00	L. K. Peacock,	1.00
F. Webster,	2.00	C. C. Blanchard,	1.00
O. Ballou,	1.00	T. Sargent,	2.00
W. E. Adams,	1.00	L. Lawrence,	2.00
Mrs. H. Kenna,	1.00	J. Burgum,	2.00
H. W. Clapp,	2.00	N. E. Elkin,	2.00
F. Fowler,	1.00	S. Holt,	2.00
C. Nutting,	1.00		
E. Gale,	2.00		<u>\$59.00</u>

Green Street.

P. F. Stevens,	\$2.00	J. M. Jones,	\$2.00
C. H. Duncklee,	2.00	J. A. Cochran,	2.00
Mrs. M. S. Osgood,	2.00	D. Woodman,	1.50
W. A. Bean,	2.00	C. C. Danforth,	2.00
Mrs. G. Bullock,	2.00	H. O. Adams,	2.00
E. M. Howe,	2.00	Z. S. Packard,	1.50
T. W. Young,	2.00	H. A. Kittredge,	1.00
H. W. Clough,	2.00	J. H. Morey,	2.00
M. Bateman,	2.00		
S. N. Clark,	2.00		<u>\$34.00</u>

Warren Street.

N. C. Young,	\$1.00	W. G. C. Kimball,	\$2.00
T. Stuart,	2.00	H. A. Kendall,	1.00
J. Minot,	5.00	G. W. Jackson,	1.00
W. A. Clough,	2.00	W. W. Taylor,	2.00
W. A. Bean,	2.00	S. Humphrey,	3.00
H. C. Sturtevant,	2.00	Mrs. C. A. Thompson,	1.00
W. Ladd,	2.00	H. A. Mann,	2.00
P. Blanchette,	1.00	H. W. Stevens,	3.00
A. C. Ferrin,	2.00	O. Morrill,	3.00
T. Kerley,	1.00	S. K. Blanchard,	1.00
F. R. Butterfield,	1.00		
C. White,	2.00		<u>\$43.00</u>
Mrs. A. Fletcher,	2.00		

Pleasant Street.

L. Downing, Jr.,	\$5.00	G. L. Stratton,	\$5.00
H. E. Chamberlin,	5.00	G. H. H. Silsby,	3.00
D. E. Willard,	2.00	Mrs. R. N. Corning,	5.00

STREET DEPARTMENT.

123

Mrs. J. A. Gove,	\$2.00	Mrs. E. G. Crockett,	\$3.00
Mrs. C. B. Bartlett,	2.00	Mrs. M. J. Marshall,	3.00
W. Russell,	3.00	E. J. Aiken,	3.00
Mrs. H. W. Fuller,	3.00	F. Coffin,	3.00
Morrison & Searles,	2.00	W. R. Walker,	2.00
Spencer & Nason,	2.00	R. H. Ayer,	3.00
G. L. Lovejoy,	4.00	H. A. Kimball,	2.00
W. Wright,	2.06	G. N. Johnson,	2.00
F. A. Stillings,	3.00	S. R. Dole,	3.00
J. H. Carr,	3.00	D. E. Clarke,	2.00
N. H. Asylum,	3.00	W. L. Himes,	1.00
E. A. Gerrish,	2.00	Miss M. A. Gage,	2.00
J. P. Bancroft,	6.00	J. H. Potter,	5.00
J. T. Sleeper,	2.00		
E. Dow,	5.00		
Mrs. M. C. Warde,	3.00		
			<hr/>
			\$106.00

School Street.

J. D. Perkins,	\$1.00	F. S. Crawford,	\$2.00
E. L. Peacock,	1.00	J. H. Rowell,	3.00
Mrs. C. D. Y. Blake,	1.00	N. C. Nelson,	1.00
J. Woods,	2.00	W. S. Baker,	2.00
P. Pillsbury,	2.00	W. B. Durgin,	2.00
Mrs. L. M. Morrill,	2.00	E. W. Abbott,	1.00
Mrs. S. Webster,	1.00	L. R. Fellows,	2.00
Mrs. N. White,	3.00	Munns & Paige,	2.00
Knee & Duval,	1.00		
G. W. Carter,	1.00		
			<hr/>
			\$28.00

Capitol Street.

I. C. Evans,	\$3.00	Mrs. N. White,	\$5.00
Gas Light Co.,	3.00		
Geo. Goodhue,	2.00		
			<hr/>
			\$13.00

Park Street.

Mrs. A. L. Drew,	\$1.00	E. A. Stockbridge,	\$1.00
Mrs. W. Walker,	2.00	St. Paul's Guild,	2.00
C. R. Walker,	2.00		
Mrs. J. M. Dutton,	2.00		
			<hr/>
			\$10.00

South Street.

Mrs. A. Downing,	\$5.00	N. M. Carter,	\$5.00
G. C. Hopkinson,	5.00	J. P. Nutter,	3.00
Mrs. W. Harriman,	5.00	Mrs. C. E. Hutchins,	3.00
H. W. Ranlet,	5.00	S. M. Betton,	2.00
J. F. Jones,	5.00	W. Hart,	2.00

Mrs. J. W. Little,	\$4.00	Mrs. C. W. Pratt,	\$1.00
F. Cressey,	3.00	W. M. Colby,	3.00
W. D. Garvin,	3.00	J. H. Hillman,	3.00
H. C. Brown,	3.00		
L. Rollins,	3.00		\$64.00
J. K. Ewer,	1.00		

Freight Street.

Ranlet & Marsh,	\$3.00	J. G. Crowley,	\$1.00
W. S. Davis & Son,	2.00		
			\$6.00

Bridge Street.

Dickerman & Co.,	\$5.00	F. S. Johnson,	\$1.00
O. H. Phelps & Co.,	3.00		
A. C. Sanborn,	2.00		\$11.00

North Spring Street.

Mrs. O. Reed,	\$1.00	S. N. Ellsworth,	\$2.00
L. C. Merrill,	2.00	Mrs. M. A. Crague,	1.00
F. V. Osgood,	1.00	F. A. Tenney,	2.00
F. H. Burleigh,	2.00	J. H. Hamilton,	2.00
H. H. Metcalf,	2.00	D. Young,	1.00
D. L. Gage,	1.00	J. Brice,	1.00
A. Wilson,	2.00	G. A. Brown,	1.00
G. H. Russ,	1.00	F. O. Yeaton,	1.00
G. W. Hill,	1.00	J. W. Ferrin,	1.00
Mrs. A. C. Heath,	2.00	C. H. Wilson,	1.00
T. A. Heath,	1.00		
J. R. Miller,	2.00		\$33.00
G. A. Foster,	2.00		

South Spring Street.

J. E. Rand,	\$2.00	Mrs. E. N. Doyen,	\$1.00
Mrs. A. Wood,	1.00	E. G. Woodman,	1.00
R. N. Philbrick,	1.00	B. M. Locke,	1.00
J. Y. Lane,	1.00		
F. E. Child,	1.00		\$9.00

Fiske Street.

S. S. Kimball,	\$5.00	A. A. Currier,	\$2.00
L. J. Rundlett,	10.00	A. C. Hardy,	3.00
V. C. Hastings,	5.00		
W. P. Fiske,	5.00		\$33.00
J. O. Hall,	3.00		

Fayette Street.

St. Mary's School,	\$2.00	C. G. Remick,	\$1.50
Mrs. J. S. Lund,	2.00		<hr/>
W. B. Smith,	1.00		\$8.00
W. K. Day,	1.50		

Depot Street.

L. A. Smith,	\$3.00	Mrs. C. Hart,	\$1.00
H. E. Conant,	2.00		<hr/>
			\$6.00

Centre Street.

W. G. Mason,	\$2.00	J. C. Badger,	\$3.00
J. R. Huntley,	2.00	M. Gurley,	1.00
J. W. Bourlet,	2.00	C. H. Jordan	1.00
F. S. Johnson,	1.00	I. A. Watson,	2.00
D. C. Allen,	2.00	Geo. Cook,	2.00
J. J. Bartlett,	3.00	J. H. Gallinger,	1.00
H. S. Ordway,	1.00	G. Walker,	2.00
C. A. Kendall,	2.00	D. B. Newhall,	2.00
D. Webster,	3.00	N. P. Stevens,	3.00
G. M. Savage,	2.00	Mrs. S. R. Edgerly,	1.00
Mrs. J. C. Shaw,	3.00		<hr/>
W. T. Packard,	1.00		\$44.00
H. M. Sinclair,	2.00		

Washington Street.

H. W. Brickett,	\$2.00	J. F. Harriman,	\$1.00
N. Hayes,	1.00	W. D. Thomes,	1.00
J. R. Howe,	1.00	G. C. Roy,	1.00
S. M. Griffin,	1.00		<hr/>
North Cong. Society,	3.00		\$12.00
G. S. Foster,	1.00		

Laurel Street.

G. W. Phipps,	\$1.00	L. H. James,	\$2.00
J. A. Dearborn,	1.00	B. F. Leavitt,	2.00
G. A. Huntoon,	1.00	G. W. Abbott,	2.00
E. Ferrin,	2.00	J. H. Lane,	2.00
S. F. Prescott,	3.00	Mrs. J. L. Pickering,	1.00
G. B. Johnson,	2.00		<hr/>
S. H. Crockett,	2.00		\$26.00
E. B. Hutchinson,	5.00		

Merrimack Street.

F. K. Jones,	\$3.00	G. Main,	\$2.00
G. F. Underhill,	3.00	C. B. Moseley,	2.00
B. C. Carr,	3.00		
J. L. Clark,	2.00		\$17.00
J. F. Moseley,	2.00		

Pine Street.

W. D. Thompson,	\$2.00	Mrs. A. Dodge,	\$2.00
H. A. Dodge,	3.00		
E. H. Woodman,	5.00		\$15.00
F. Reed,	3.00		

Recapitulation.

North Main street,	. . . . .	\$377.50
South Main street,	. . . . .	128.00
North State street,	. . . . .	85.00
South State street,	. . . . .	59.00
Green street,	. . . . .	34.00
Warren street,	. . . . .	44.00
Pleasant street,	. . . . .	106.00
School street,	. . . . .	28.00
Capitol street,	. . . . .	13.00
Park street,	. . . . .	10.00
South street,	. . . . .	64.00
Freight street,	. . . . .	6.00
Bridge street,	. . . . .	11.00
North Spring street,	. . . . .	33.00
South Spring street,	. . . . .	9.00
Fiske street,	. . . . .	33.00
Fayette street,	. . . . .	8.00
Depot street,	. . . . .	6.00
Centre street,	. . . . .	44.00
Washington street,	. . . . .	12.00
Laurel street,	. . . . .	26.00
Merrimack street,	. . . . .	17.00
Pine street,	. . . . .	15.00
		<hr/>
		\$1,168.50

Since the above report was handed in, a few have paid their proportion, which will go into the account next year.

The collection of subscriptions for the street sprinkling has been attended to as heretofore by Mr. Howard M. Cook, and the results are as satisfactory as could be expected under the present system.

The full account of individual subscriptions is presented for the information of the public.

All which is respectfully submitted as supplementary to the report, by

DANIEL K. ABBOTT,
Commissioner of Highways.

REPORT OF THE COMMITTEE ON SEWERS AND DRAINS.

To the City Council:

Your committee having in charge the construction and care of the public sewers of our city would submit the following report for the year ending December 31, 1889 :

Whole amount appropriated,	.	.	\$6,000.00
Amount expended,	.	.	6,528.21
			6,528.21
Excess of expenditures over appropriations,	.	.	\$528.21

An itemized account of the same will be found under the proper head in the precinct expenditures. It will be noticed that a little larger sum has been expended in this department than was done last year, rendered necessary on account of the unusual growth of our city and other pressing reasons for better sewerage in different localities.

We have been able to construct the sewer that has been so long needed in the western part of the precinct, from Tahanto to Liberty street on Warren street, and from School to Orchard street on Pine street, thus relieving a large and populous section of the city that has long needed sewers, both for house drainage and for removing water from the streets, that could not before be done.

We found the same difficulties and troubles existing at the south end "Brook Sewer" so called, near Water street, that had caused our predecessors so much annoyance, and how best to remedy it with the least expense so as to give permanent relief has been our aim. Plans that were considered feasible at first, were, upon further investigation, rejected as being likely

to furnish only temporary relief. In the meantime your committee decided to repair the break in the sewer by rebuilding a section of it of double thickness and putting in an overflow. While this cannot in any way remove the cause for complaint, it will, in case of a heavy rain-fall, instantly relieve the sewer of the tremendous strain, thus preventing another break, consequently a large expense to the city. For this reason your committee have deemed this advisable as a temporary arrangement, and, as we reported a few months since, we recommend that a survey be made and plans prepared for a system of sewerage that would not only relieve the extraordinary pressure now made upon the present Brook sewer, but would also accommodate some portions of our city that cannot now reach the public sewers, viz., from the county jail and Odd Fellows' Home southerly to the Old Fair Ground so called.

We have, agreeably to instructions, engaged engineers to make a survey of the section above described, and we hope to report plans for the same at an early day. This work seems to be of so much importance, that we recommend that early action be taken and an appropriation be made to enable us to build a sewer of suitable dimensions from some point on Allison street to the river, early the coming season.

The Committee on Sewers and Drains for 1888, in their report, say that "the important matter will have to be considered soon of extending the large brick sewer from the foot of Depot street to Main and thence up Warren to Spring street." The same necessity now exists, only in a greater degree, and should have our attention.

The 20-inch main sewer at the north end of the precinct, running across the intervale near the shops of the New England Granite Co., has not one half of the capacity of the branch sewers discharging into it, consequently is not able oftentimes properly to convey to the river the increasing sewerage and drainage in that growing section of our city. Some plans based upon a survey should be adopted as early as may be, so that when work is commenced there it might be continued upon some definite plan that will embrace that whole district.

During the year we have laid 3,972 feet of sewer pipe of all sizes, and have rebuilt a portion of the 30 by 36 brick sewer

near Water street. An approximate cost of each line we have given below as near as practicable :

Warren street, 596 feet 12-inch pipe, 484 feet 10-inch pipe, 50 feet 6-inch pipe,	
Pine street between School and Warren, 500 feet 10-inch pipe, between Orchard and Warren 270 feet 8-inch pipe,	\$3,450.00
School street, west of Pine, 185 feet 10-inch pipe,	350.00
Jackson street, 50 feet 8-inch pipe,	35.50
Rear of South Main street, 85 feet 10-inch pipe, 455 feet 12-inch pipe,	624.00
Rear of Horse-Car stables, 312 feet 8-inch pipe, .	210.50
Franklin street, 584 feet 12-inch pipe, 72 feet 10-inch pipe,	800.00
South State street, 245 feet 10-inch pipe,	190.00
Lyndon street, 84 feet 8-inch pipe,	48.00
Repairing Brook sewer,	490.00

The variation in the amount of the subdivisions and the full sum expended arises from the many incidental charges for tools, teaming, surveying, sharpening tools, lumber, &c., that could not properly be assigned to any particular section.

We have aimed to have the work done in a substantial manner and at as low a price as such work could be done. We have been unable to build all of the sewers petitioned for: these will come up for early consideration next spring. No doubt other sewers will be asked for, as new streets are opened and occupied with dwellings, so that liberal appropriations will probably be required to meet all of the reasonable demands.

STILLMAN HUMPHREY,
WILLIAM E. HOOD,
FRANK P. QUIMBY,
W. W. ALLEN,

Committee on Sewers and Drains.

REPORT OF PENACOOK SEWER PRE- CINCT.

To the City Council of Concord :

The system of sewerage that was established, surveyed, and partially constructed last year has been further advanced the past summer, and should be still further carried on until all parts of our village have the benefits of a complete sewerage system. Considerable extra and unlooked for expense was incurred in our work the past year, on account of a change in the plans for the Charles street sewer, made necessary by the strong objections to the making the Contoocook river, above the Contoocook Co.'s dam, the outlet of said sewer. This obliged us to relay the Warren Street sewer at greater depth and with larger pipe, and greatly increase the depth of the one on Charles street. But we believe the change was for the public good, and that the tax-payers of the precinct would willingly pay the increased expense rather than have another outlet in the compact part of the village, in comparatively still water.

It was the intention to improve and put in permanent shape the main outlet at the Merrimack river, and also the one on the north side of the Contoocok river. The stone has been purchased and delivered to build a bulkhead at the former, and pipe for the latter, to carry the sewage out into deep and running water, but the wet season and early high water have prevented. This should be attended to at the first favorable opportunity.

The following is the amount of pipe laid the past summer :

High street, 520 feet 8 inches.

Maple street, 320 feet 8 inches.

Summit street, 56 feet 8 inches.

Union street, 326 feet 8 inches.

Brook sewer, 225 feet 8 inches.

Elm street, 254 feet 8 inches, and 114 feet 10 inches.

Elm street to the Contoocook river, 300 feet 10 inches.

Bye street to Summer street, 285 feet 8 inches.

Summer street, 282 feet 8 inches.

Cross street, 480 feet 8 inches.

Spring street, 154 feet 8 inches.

Charles street, east end, 125 feet 8 inches.

Charles street, west end, 1,260 feet 10 inches.

Washington street, 350 feet 8 inches.

Warren street, relaid with 200 feet of 12 inch pipe (formerly 10 inch.), together with all necessary man- and lantern-holes.

W. W. ALLEN, *Superintendent.*

EDUCATIONAL DEPARTMENT.

The school reports are not prepared until the close of the school year in **March**, and are consequently omitted from this volume.

PUBLIC LIBRARY.

REPORT OF THE TRUSTEES.

To the City Council:

We beg to present to your honorable body the annual report of the trustees of the public library.

The year 1889 has been, at times, full of surprises and problems, owing to the removal of the books to the new Fowler Library building and to the incidents attendant thereto. The first year brought a demand for books and other reading matter that had not been provided for or even thought of. At times the situation has been perplexing, but explanations on the part of the Librarian and his assistants demonstrated to the patrons the impossibility of always providing the books of one's choice. In many instances the books indicated on one's card could not be supplied owing to the limited number of books in the library. The supply of books is too limited for the public demand, and as this demand will grow every year, but one thing will meet the exigency, namely, the largest appropriation on the part of your honorable body consistent with public policy, so that the supply of books may meet the requirements of the day. The trustees were called upon to try the experiment of liberally maintaining a public reading-room, where the leading newspapers and magazines could easily be attainable. The result has justified the experiment. Its readers increase in number, and its popularity is assured.

The reference-room, one of the most essential parts of any library, is constantly used by the teachers and scholars of our schools, as well as by mature readers and those in search of special or encyclopaedic knowledge. To this department the

trustees have devoted much time and expended as much money as circumstances warranted.

The public are interested in the welfare of the library, the outlay comes back to the people, the books belong to them: therefore, representing a population increasing in numbers and increasing in knowledge, we respectfully submit our report, confident that our immediate needs will be understood, and that measures will be adopted whereby our public library may be given strength to gain a proud standing in the land.

Respectfully,

ABIAL ROLFE,	WARD 1
JOSEPH T. CLOUGH,	“ 2
PAUL R. HOLDEN,	“ 3
WILLIAM L. FOSTER,	“ 4
CHARLES R. CORNING,	“ 5
JAMES S. NORRIS,	“ 6
WILLIAM W. FLINT,	“ 7

LIBRARIAN'S REPORT.

To the Board of Trustees:

The Library has been open for the delivery of books every week-day during the year, as follows:

47 days, 11 hours each day,	.	.	517 hours.
231 " 10 " "	.	.	2,310 "
27 " 8 " "	.	.	216 "
2 " 4½ " "	.	.	9 "
2 " 4 " "	.	.	8 "
2 " 3 " "	.	.	6 "
2 " 2 " "	.	.	4 "
<hr/>			
313 days.			3,070 hours.

Averaging a trifle over 9½ hours each day.

CIRCULATION OF BOOKS.

The number of books issued to patrons in that time has been as follows:

Daily and Weekly Issue of Books from January 1 to June 30, 1889, both dates inclusive.

	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Days.	Total.
Jan. 1 to Jan. 5, inclusive,	337	205	155	355	626	5	1678	
Week ending Jan. 12,	259	410	137	260	346	629	6	2041
" " " 19,	230	314	219	310	346	582	6	2001
" " " 26,	219	442	260	230	359	677	6	2187
" " Feb. 2,	334	417	248	226	352	715	6	2292
" " " 9,	289	370	215	255	408	724	6	2261
" " " 16,	249	361	292	265	367	733	6	2267

CITY OF CONCORD.

		Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Days.	Total.
Week ending	Feb. 23,	239	475	285	264	393	595	6	2251
" "	Mar. 2,	319	431	223	257	445	681	6	2356
" "	" 9,	322	159	341	335	380	744	6	2281
" "	" 16,	346	444	258	254	418	684	6	2404
" "	" 23,	318	470	250	227	420	685	6	2370
" "	" 30,	319	411	260	212	392	746	6	2340
" "	April 6,	206	443	286	60	477	766	6	2238
" "	" 13,	256	363	242	178	305	674	6	2018
" "	" 20,	270	366	194	163	275	608	6	1876
" "	" 27,	238	345	249	199	294	656	6	1981
" "	May 4,	231	168	111	356	351	668	6	1885
" "	" 11,	219	336	159	139	238	635	6	1726
" "	" 18,	229	298	188	199	262	514	6	1690
" "	" 25,	215	344	227	177	308	607	6	1878
" "	June 1,	205	303	213	35	331	581	6	1668
" "	" 8,	222	295	162	12	353	571	6	1615
" "	" 15,	197	321	196	169	239	575	6	1697
" "	" 22,	219	305	192	134	218	598	6	1666
" "	" 29,	248	284	155	153	293	507	6	1640
		6398	9213	5767	5224	8925	16781	155	52307

Record from July 1 to December 31, inclusive.

		Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Days.	Total.
Week ending	July 6,	214	267	223	6	323	553	6	1586
" "	" 13,	146	297	202	178	245	470	6	1538
" "	" 20,	228	305	114	163	284	491	6	1585
" "	" 27,	178	277	175	136	291	384	6	1441
" "	Aug. 3,	243	198	279	119	267	227	6	1333
" "	" 10,	172	270	100	137	194	264	6	1137
" "	" 17,	168	172	111	117	250	309	6	1127
" "	" 24,	203	258	128	154	216	319	6	1278
" "	" 31,	198	229	179	143	225	295	6	1269
" "	Sept. 7,	237	278	196	185	234	503	6	1633
" "	" 14,	198	257	159	155	255	451	6	1475
" "	" 21,	179	243	192	138	307	576	6	1635
" "	" 28,	210	255	177	109	301	541	6	1593
" "	Oct. 5,	161	261	179	159	283	525	6	1568
" "	" 12,	185	275	195	170	293	582	6	1700
" "	" 19,	204	282	161	184	255	566	6	1652
" "	" 26,	219	292	170	176	281	598	6	1736
" "	Nov. 2,	156	326	239	189	301	579	6	1790

PUBLIC LIBRARY.

139

		Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Days.	Total.
Week ending	Nov. 9,	287	322	159	168	340	561	6	1837
"	" " 16,	226	351	163	251	304	644	6	1939
"	" " 23,	215	291	225	233	294	676	6	1934
"	" " 30,	275	346	212	5	499	627	6	1964
"	" Dec. 7,	306	374	206	176	372	644	6	2078
"	" " 14,	271	332	181	244	331	382	6	1741
"	" " 21,	285	366	127	253	350	554	6	1935
"	" " 28,	193	295	11	263	350	534	6	1646
December 30 and 31,		283	319					2	602
		<u>5840</u>	<u>7738</u>	<u>4463</u>	<u>4211</u>	<u>7646</u>	<u>12854</u>	<u>158</u>	<u>42752</u>

SUMMARY.

	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Days.	Total.
Jan. 1 to June 30, inc.,	6398	9213	5767	5224	8925	16781	155	52307
July 1 to Dec. 31, inc.,	5840	7738	4463	4211	7646	12854	158	42752
	<u>12,238</u>	<u>16,951</u>	<u>10,230</u>	<u>9,435</u>	<u>16,571</u>	<u>29,635</u>	<u>313</u>	<u>95,059</u>

Averaging a trifle over 303 books per day, and a gain of 43,825 volumes over the number given out the year preceding.

INCREASE OF CIRCULATION SINCE 1884.

Statement showing the number of books issued from the library from January 1, 1885, to December 31, 1889, both dates inclusive :

	1885	1886	1887	1888	1889
January,	2,738	3,224	4,284	3,830	9,132
February,	2,623	2,824	3,915	3,933	9,076
March,	2,877	3,692	4,567	4,351	10,522
April,	2,700	3,004	4,285	4,002	8,512
May,	2,583	3,044	3,586	4,615	7,866
June,	2,421	2,747	3,347	4,867	7,199
July,	2,142	2,470	2,729	3,910	6,870
August,	278	977	1,114	2,091	5,424
September,	1,912	2,950	3,152	4,228	6,497
October,	2,643	3,447	3,753	3,625	7,405
November,	2,728	3,618	3,757	4,307	8,554
December,	2,764	3,530	3,852	7,475	8,002
	<u>28,409</u>	<u>35,527</u>	<u>42,341</u>	<u>51,234</u>	<u>95,059</u>

BOOKS SENT TO PENACOOK AND BOSCAWEN.

Of the whole number of books issued, 9,601 were sent to Penacook and Boscawen.

In January,	1,011	In July,	689
February,	973	August,	551
March,	1,015	September,	595
April,	917	October,	718
May,	832	November,	769
June,	696	December,	835

Twenty-four cards have been issued to parties residing in Boscawen, for which 25 cents each was charged, according to agreement.

The boxes of books have been carefully packed and promptly delivered at the library by Messrs. Gale and Cunningham.

BOOKS PURCHASED.

Eleven hundred and fifty volumes have been purchased, included in which are twenty-seven volumes of novels in the French language, selected by M. Pingault, which, with a few volumes of historical works presented by W. P. Fowler, Esq., have been placed on the shelves for the use of the patrons of the library.

FISHERVILLE PUBLIC LIBRARY.

Sixteen hundred volumes of various kinds were received from the Fisherville Public Library in September last. Of these, one hundred were worn out and worthless ;—of the remainder, three fourths were duplicates of books already in the library : many of these have been taken to replace books that were badly worn ;—two hundred of the remainder have been catalogued and placed on the shelves.

There was also received with the library an imperfect file of the *Official Gazette* of the United States Patent Office from January, 1873, to January, 1884, of which the part published between June, 1875, and January, 1879, will enable us to nearly complete our file of that valuable publication.

DONATIONS.

Seven hundred books and pamphlets have been presented to the library from citizens of Concord, state and city officers, members of Congress, and the executive departments at Washington.

Nearly four hundred volumes of the above were the gift of William P. Fowler, Esq., among which was a nearly perfect file of the *North American Review* from January, 1820, to January, 1866, including nineteen bound volumes, the remainder being in the original quarterly numbers.

This gift has recently been supplemented by the gift of another file of the same from January, 1866, to January, 1878, by Samuel C. Eastman, Esq., making, with the numbers already in possession of the library, an almost unbroken file of the *Review* for seventy years.

THE READING-ROOM.

has been open every day through the year on week-days, through library hours, and on Sunday from one to five o'clock, p. m.

Probably forty persons per day, on an average, have availed themselves of its use on week-days. The Sunday attendance has been much smaller.

Copies of the leading American magazines are placed on the table when received, and the following newspapers are placed on the files :

Dailies.

Concord Evening Monitor ; People and Patriot.

Boston Journal ; Traveller ; Herald.

New York Tribune ; Sun ; Herald.

Philadelphia Times.

Atlanta Constitution.

Chicago Tribune.

Tri-Weekly.

London Mail.

Weeklies.

Springfield Republican.

St. Louis Globe-Democrat.

Louisville Courier-Journal.

New Orleans Picayune.

The Oregonian.
West Shore.
Public Opinion.

Illustrated Weeklies.

Harper's Weekly.
Frank Leslie's.
Scientific American.
London News.

Monthlies.

The Unitarian.
Shaker Manifesto.

The Oregonian and West Shore weeklies, and the Unitarian and Shaker Manifesto monthlies, are presented to the reading-room.

PERIODICALS.

The following list of periodicals has been ordered for the coming year to supply the increasing demand for magazine literature :

Harper's New Monthly.
The Century.
Lippincott's Magazine and Scribner's Monthly, 5 copies each.
St. Nicholas and Wide-Awake, 4 copies each.
The Atlantic Monthly.
Overland Monthly.
The Cosmopolitan.
The Forum.
North American Review and Popular Science Monthly, 3 copies each.
The Outing and The New England Magazine, 2 copies each.
New England Hist. and Gen. Register.
Magazine of American History.
Granite Monthly and Andover Review, 1 copy each.

These are issued instead of books to such patrons as may wish for them.

Respectfully submitted,

D. F. SECOMB, *Librarian.*

January 1, 1890.

TREASURER'S REPORT.

To the City Council:

The balance in the hands of the Treasurer, January 1, 1889, was \$168.85, to which have been added appropriations, \$1,200, a special to meet the extra expenses of the previous year, and regular of \$4,000, and sale of books \$4.75, making a total of \$5,373.60, as available funds for the purposes of the library.

Of this sum \$5,127.90 has been expended as per itemized account in the expenses of the city, leaving a balance of \$358.20 in the hands of the Treasurer.

BALANCE SHEET.

DR.			
Cash on hand Jan. 1, 1889,	.	.	\$168.85
Received from city,	.	.	5,200.00
" sale of books,	.	.	4.75
		-----	\$5,373.60
CR.			
Paid as per city account,	.	.	\$5,127.90
Cash on hand,	.	.	245.70
		-----	\$5,373.60

TRUST ACCOUNT.

DR.			
Received interest on Pierce fund,	.	.	\$52.50
" " Lyon fund,	.	.	60.00
		-----	\$112.50
CR.			
By cash on hand,	.	.	\$112.50

Respectfully submitted,

WM. P. FISKE,
Treasurer.

HEALTH DEPARTMENT.

REPORT OF THE BOARD OF HEALTH.

To the City Council:

In submitting to your notice our third annual report, we would again return our thanks for your most cordial support; and in behalf of our citizens it is a pleasure to assure you that the rules and regulations you have approved have been received with almost universal favor.

The work of the board and its health officer is fairly well outlined in the ordinances you have enacted, and which are but well defined provisions of our statute law.

Our work may seem arbitrary to those whom it becomes necessary to admonish that they have failed to comply with the requirements of the law; yet we submit there is no personality in our actions.

All classes are treated alike. The service of our health officer is free to all. His services can be secured by the rich and the poor, and he is ever ready to assist every one in bringing about the best possible conditions at the least possible trouble and expense. A health officer is a servant of the public, and, like any other police officer, has only in view the best interest of the city and the health of the people.

In matters of this kind it is of great importance that every officer shall be strictly impartial in the administrative and executive department of his labor; and it is of equal importance that the same spirit shall be exhibited by the public.

Personal animosities and neighborhood contentions have no place in the work of a health officer, nor should he be expected to be always on the watch for the possibility of local and neighborhood strife entering into and becoming a part of the reasons for a complaint.

In all matters pertaining to the welfare of our city and the health of our citizens the people should show themselves superior to personal, partisan, or sectarian selfishness ; but, "with malice toward none, with charity for all, with firmness in the right, as God gives us to see the right, let us finish the work we are in," trusting that our labors will continue to keep Concord in such sanitary condition that every one can point with honest and just pride to her hygienic position.

Obviously it would be impossible to formulate rules and regulations for the guidance and protection of the public health without an organized body charged with the execution of the same. Divided authority and the uncertain sounds of a multitude of counsellors will always result in a deplorable condition of affairs, whether it be in matters pertaining to health or to business.

NEW HEALTH OFFICER.

With the increased duties imposed upon the health officers, as determined by the city council last March, it became necessary for the board to secure the service of a practical workman to supervise the construction of service drains and sewers ; and we congratulate our citizens that we were able to obtain so efficient service as has been afforded by Mr. Henry A. Rowell, who has devoted his entire time to the sanitary work of the city since his appointment.

In this connection the board would take occasion to recall your attention to the very efficient service of Mr. Rowell's predecessor, Mr. Howard M. Cook, who did so much, during his two years of diligent and faithful labor, in laying out the work, making systematic inspections, formulating rules and blanks, and serving notices upon owners and occupants of buildings of the reforms required by the ordinances of the city as well as the statutes of the state.

Such systematic labor for two years rendered it possible for the present health officer to accomplish far greater and better results in the past year than would have been otherwise practicable.

REPORT OF THE HEALTH OFFICER.

We would respectfully invite your attention to the report of the health officer herewith appended, and to the recommendations he suggests, all of which meets with the approval of this board; and we would also make a further suggestion, in regard to drain-layers, that any one having been licensed to lay drains, and who shall disregard the requirements of the ordinance, in avoiding inspection of his work or failing to obtain a permit as prescribed, it shall be held as a good and sufficient reason for the Committee on Sewers and Drains to revoke said license.

The board have good reason to assure the council that your effort to secure a personal supervision over our sewers and drains merits the approval of every citizen, elevates the sanitary standard of our city, and increases the value of our real estate.

CITY BUILDING FOR POLICE PURPOSES.

We would congratulate the city upon the progressive movement that has been made during the past year towards securing a modern and approved building for the police department.

It is a pleasure to note the work of the committee having this matter in charge, and to express the hope that the building so strongly condemned last year by this board and the police department will very soon become "a thing of the past." In the erection of a new and improved building we believe no one will ever regret the expense necessary to carry out a humane principle, even though it be for the temporary detention of those who are so unfortunate as to be the victims of a vice, or of the more perverse and hardened criminal.

In this connection we would renew our suggestion of last year in relation to the city's duty to provide an ambulance to meet the many calls for such a means of conveyance for the sick, the helpless, and the injured.

LIVERY AND OTHER STABLES.

Early in the winter some of our stable-keepers submitted to your council a proposition to have the restrictions governing their premises so far removed as to allow them to keep hogs and pigs under their stables during the winter months.

The parties interested had a hearing before a committee of your council, and the proposition was rejected. Your board of health believe this to have been a wise course, and to have been a decision the people will sustain.

Let us ever be progressive,—make improvements everywhere. Let us make methodical and systematic changes, and we shall not find it necessary to retract or repeal rules and regulations. As our city increases in size and population, it will become necessary to enact further rules and regulations, for, while a stable may not be considered actually unhealthy in the sense of producing disease, yet in all large cities the statute declares them to be a nuisance, and in many places even a license to erect and maintain a private stable is refused.

In this connection the board would respectfully urge upon the council the necessity of a thorough reform in the stables of the Central Fire Station. The conditions required when this station was erected were not such as we would now recommend, and the committee and the chief of the fire department should be ordered to devise and encourage a new departure whereby this station and its stable shall not become a nuisance to the neighborhood.

The rules and regulations you have approved to govern livery and other stables apply with equal force to the public property of the city; and the conditions that would render a stable a nuisance in one part of the city must be subject to the same charge in another section, and ownership has nothing to do with the case.

REGARDING DOGS.

In the excellent report of our police department your attention has been called to the complaints of our citizens about the unrestrained manner in which dogs are permitted to run at large. We believe this to be a matter that should receive your impartial attention, and the recommendations of the city marshal, or some other stringent regulations, should be adopted.

Scarcely a physician in our city but can bear witness that many of our citizens are greatly alarmed every year in consequence of children and others being attacked by dogs, in the streets, upon the sidewalks, and in the yards of residents, and investigation generally fails to show any adequate provocation

on the part of the one injured. There should be something more than a small tax imposed as a restriction, for dogs, like other animals, should not be allowed to trespass beyond the limits of their owners' premises, and when found away from their homes should be treated in the same manner as horses, oxen, or a herd of cattle would be when found running at large upon another's premises. There is no more reason in allowing yards, lawns, and gardens to be entered upon and injured by dogs, than to have cattle roving about and destroying flowers, shrubs, and other property. It may be said that any person aggrieved can have recourse to the common law governing matters of damages; yet it is a well known fact that custom and courtesy have so long governed public opinion in this matter that for a man to have a dog case in court is generally regarded as only another form of showing his personal animosity.

FIRE ESCAPES.

In our report last year your attention was called to the law governing the construction of fire-escapes, and it was suggested that rules and regulations should be made that would make it the duty of some one to see that the law was complied with; but nothing has been done to render the law more effective. In fact, public buildings for school purposes are being erected without any means of escape, as contemplated by the state law and by a recent vote of the city council. It is well understood that the committee having the matter in charge have provided the usual means of entrance and exit, but no outside stairways have been constructed as contemplated by the state law of 1883, and the action of the city council above referred to.

Examples of this kind are not for the best interests of our city, for architects and others will be liable to regard the statute as a dead letter until the servants of the city are made to comply with its provisions.

The board awaited your action regarding the appointment of a chief engineer of the fire department with a great deal of interest, as the employment of a competent person, who should give his entire services to its duties, would allow him to carry out the provisions of the law, and thereby protect the lives and property of our citizens.

GARBAGE.

We believe the problem that will next confront the health department will be the question of what shall be done with the garbage of our city, including all forms of waste and effete material.

There is an ever increasing amount of waste products that must be removed. Individual effort is oftentimes of no avail, and combinations of a voluntary character among individuals having similar conditions to overcome are only practical for short periods unless the voluntary action is merged into a corporate power; therefore the individual should not object to a reasonable tax to support a system that would regularly take away from his premises the rubbish of all kinds that will naturally have to be removed in order to place his house and grounds in a hygienic condition. The average annual cost would probably be less than most citizens now pay for the carrying away of ashes and other refuse that must be disposed of.

The organization of a department to deal with this waste material is but a small matter, compared with the solution of the problem of what shall be done with the garbage when it shall have been gathered up by the city teams. We cannot throw it into the river, or dump it on vacant lots, without creating a nuisance at some point, which is neither right nor desirable.

Certain portions of garbage, when properly managed, have a commercial value. Such material as the leaves that come from our shade-trees, street sweepings, refuse from the catch-basins, mud from the gutters and pavements, when composted, have a value for fertilizing purposes; yet the evolution of taking this matter from the streets and returning it to the soil requires an amount of capital invested in a plant that no business man would advise the city to expend.

There is an immense quantity of ashes to be carted away that might be used to fill low ground, except that it is the custom for people to mix all kinds of animal and vegetable material with the ash heap. Such mixing of animal, vegetable, and mineral waste renders the whole mass offensive in hot weather.

The problem is still unsettled, yet is being investigated by municipal and health authorities in many places. So far as we are able to judge from reports that have been published, it is

our opinion that some form of cremation eventually will offer a practical solution.

WHAT CONSTITUTES A NUISANCE.

The board or its members are oftentimes asked what constitutes a nuisance, and therefore it may not be amiss to define the term. This would hardly be necessary were it not a fact that many people seem to regard it as one of their inherent rights to do what they please, so long as they do not trespass upon the domain of others. Very often such people seem to forget that there is any difference between the sanitary conditions of the town and the city. It does not occur to them that there must be vast differences in the social compact between the farm-house with its wide-spread acres, and the house-lot in the city that is measured in square feet, and that conditions that might constitute a nuisance in the one place might be of importance as a necessary adjunct of the other.

Strictly speaking, any use of property annoying to another's rights is a nuisance. Still, two things are necessary,—a right and an injury. To illustrate: No matter how much your refined taste may be violated by the architectural structure of your neighbor's house, it is not a nuisance because no right is violated. So one may not like the looks of a neighbor's pig-pen, still one can look the other way; but so soon as that pig-pen gives off offensive odors, as it will in hot weather, it is a nuisance, because every person has a right to pure air.

The nuisance need not be injurious to health: it is enough that it is annoying and offensive to the senses.

Most nuisances may be classified as violations of our right to pure air and pure water, the practical inference being that in the management of our own affairs we should not be unmindful of the rights of our neighbors; and we would add that in no place can the golden rule be better applied than in matters relating to the sanitary conditions of local districts in a small city.

CONCLUSION.

In conclusion, your board would take this opportunity to urge upon all our citizens the importance of thorough sanitation. Not only observe the condition of one's own premises,