

The expenditures are divided as follows :

General Expenses.

For care and maintenance	\$3,676.88
repairs on cement-lined pipe	485.41
new service-pipes	1,563.23
new distribution pipes	21,228.53
inspection	660.00
meter account	1,972.08
land at Penacook lake	2,782.55
incidentals	253.98
	\$32,622.66

Pumping-Station Expenses.

For salaries, engineer and fireman	\$1,510.00
fuel	891.89
oil, packing and other supplies	92.32
repairs	77.94
gas and telephone	25.53
	\$2,597.68

EXTENSIONS AND IMPROVEMENTS.

Cast-iron main and distribution pipes have been laid and hydrants set during the year, as follows :

On main line,

north from Lake street in West Concord to a little below the brick gate-house, 2,615 feet 20-inch pipe.

In South State street,

south from Pleasant to Thompson street, 978 feet 14-inch pipe, in place of 10-inch cement-lined pipe discontinued.

In South street,

south from Pleasant to Thompson street, 1,102 feet 12-inch pipe, in place of 6-inch cement-lined pipe discontinued.

In Pleasant street,

west from State to South street, 600 feet 12-inch pipe, in place of 8-inch cement-lined pipe discontinued.

In Pleasant street,

east from State to Main street, and west from South to Rumford street, 1,331 feet 10-inch pipe, in place of 8-inch and 6-inch cement-lined pipe discontinued, and 1 hydrant.

In North Main street,

north from Centre to Chapel street, 997 feet 10-inch pipe, in place of 6-inch cement-lined pipe discontinued.

In Thompson street,

on connection at South State street, 38 feet 10-inch pipe.

In Warren street,

west from North Spring to Tahanto street, 1,082 feet 8-inch pipe, in place of 6-inch cement-lined pipe discontinued.

In Warren street,

west from near Giles to North Fruit street, 685 feet 8-inch pipe, in place of 4-inch cement-lined and iron pipe discontinued.

In South Spring street,

south from Pleasant street, 83 feet 8-inch pipe, in place of 4-inch cement-lined pipe discontinued.

In Thompson street,

west from South State to South street, 1,020 feet 6-inch pipe, in place of 4-inch cement-lined pipe discontinued, and 1 hydrant.

In Fayette street,

west from South State to South street, 915 feet 6-inch pipe, in place of 4-inch cement-lined pipe discontinued.

In Wall street,

west from South State to South street, 754 feet 6-inch pipe,
in place of 4-inch cement-lined pipe discontinued.

In Stone street,

west from near Broadway, 555 feet 6-inch pipe.

In Court street,

west from North Main street, 58 feet 6-inch pipe, in place
of 4-inch cement-lined pipe discontinued.

In Montgomery street,

west from North Main street, 43 feet 6-inch pipe, in place
of 4-inch cement-lined pipe discontinued.

In Giles street,

north from Warren street, 82 feet 6-inch pipe, in place of
4-inch cement-lined pipe discontinued, and 1 hydrant.

In Green street,

north from Pleasant street, 61 feet 6-inch pipe, in place of
4-inch cement-lined pipe discontinued.

In North Spring street,

north from Warren street, 41 feet 6-inch pipe, and north
from Pleasant street, 22 feet 6-inch pipe, in place of 6-inch
cement-lined pipe discontinued.

In North Fruit street,

on connection at Warren street, 13 feet 6-inch pipe.

In Hall street,

extended south, 790 feet 4-inch pipe and 1 hydrant.

In Hammond street,

extended east, 252 feet 4-inch pipe.

In Elm street,

south from Pleasant street, 131 feet 4-inch pipe.

In Elm street,

south from Wall street, 108 feet 4-inch pipe.

In Durgin street,

near Toof's laundry, 1 hydrant.

On hydrant branches,

297 feet 6-inch pipe and 22 feet 4-inch pipe; 260 feet 6-inch and 18 feet 4-inch cement-lined pipe discontinued.

Also 670 feet 1-inch pipe.

There have been set 50 gates; discontinued, 24.

Summary of the Foregoing.

NEW PIPES, HYDRANTS AND STOP-GATES.

<i>Pipes.</i>	<i>Hydrants.</i>	<i>Stop-Gates.</i>
1-in., 670 feet.	Durgin street, 1	4-in., 3
4-in., 1,303 "	Pleasant street, 1	6-in., 31
6-in., 3,861 "	Thompson street, 1	8-in., 3
8-in., 1,850 "	Giles street, 1	10-in., 5
10-in., 2,366 "	Hall street, 1	12-in., 5
12-in., 1,702 "		14-in., 3
14-in., 978 "		
20-in., 2,615 "		
<hr/> 15,345 feet, equal to 2.90 miles.	<hr/> 5	<hr/> 50

PIPES AND STOP-GATES DISCONTINUED.

<i>Pipes.</i>	<i>Stop-Gates.</i>
4-in., 3,632 feet.	4-in., 12
6-in., 3,863 "	6-in., 6
8-in., 1,551 "	10-in., 1
10-in., 978 "	14-in., 3
14-in., 23 "	18-in., 2
<hr/> 10,047 feet, equal to 1.90 miles.	<hr/> 24

Total length of main and distribution pipes now in use, 323,158 feet, equal to 61.20 miles.

Total number of hydrants now in use, 272.

Total number of gates now in use, 783.

SERVICE-PIPES.

There have been laid during the year and connected with the main pipes, 57 service-pipes consisting of

56 $\frac{3}{4}$ -inch,	1,572 feet.
1 2-inch,	24 "
<hr/>	<hr/>
57	1,596 feet.

There have been discontinued, 6; whole number in use at the present time, 3,278; total length of service-pipes, 76,968 feet, or 14.57 miles. We have placed 167 service-boxes at the curb on old services.

We have set 134 meters during the year; 2 have been removed, making the total number now in use, 1,142.

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

January . . .	182.90	July . . .	184.75
February . . .	182.70	August . . .	184.00
March . . .	182.30	September . . .	184.35
April . . .	184.00	October . . .	183.90
May . . .	184.85	November . . .	183.75
June . . .	185.00	December . . .	183.80

The lowest point reached during the year was on March 8, being 182.15; the highest was on April 7, 185.40; mean height, 183.86, which was .77 foot higher than the mean height for the year 1900.

The water has been running over the overflow one hundred and two days during the year: in April, 26; in May, 31; in June, 25; in July, 16; in August, 3; in December, 1. At no time has the water been lower than thirty-two inches below the overflow.

The work of relaying the original 14-inch cement-lined main was completed, and there is now a continuous line of 20-inch cast-iron pipe from Penacook lake to the pumping-station. Good progress was made toward relaying the cement-lined pipe in the city, and I would recommend that the following streets be relaid the coming season: South Main street from Freight to Thorndike; South State and South streets from Thompson to Thorndike; South Spring from Pleasant to Concord; Fayette and Thompson from South Main to South State; Thompson from South to South Spring; and Concord, Monroe and Thorndike streets, thus making the entire area between Pleasant and Thorndike and South Main and South Spring streets supplied by cast-iron distribution pipe.

In conclusion, I desire to thank all the members of the board for their hearty support and many courtesies extended through the year, and also wish to express my appreciation of the faithful service of the employees of the department.

Respectfully submitted,

V. C. HASTINGS,

Superintendent.

REPORT OF THE ENGINEER OF THE PUMPING-STATION.

PUMPING-STATION, CONCORD WATER-WORKS.

V. C. HASTINGS, *Superintendent* :

SIR,—I would report that the pumping machinery at the pumping-station is in very fair working condition, but it will be necessary to make some repairs the coming year.

Following will be found a statement of the coal and supplies used at the pumping-station during the year ; also a table showing the work for each month.

Statement.

134 tons 1,556 lbs. Pocahontas coal.
24 cords of wood.
52 gallons of oil.
25 lbs. of waste.

ENGINE RECORD.

Date.	Pumping time. <i>h. m.</i>	Gallons water pumped.	Daily average pumped.	Total coal burned.	Daily average coal burned.	*Gallons pumped per pound of coal.
January.....	131:00	11,035,893	355,996	22,580	726	488
February.....	143:30	12,348,765	441,027	24,981	802	494
March.....	146:30	12,711,666	410,053	25,614	826	496
April.....	122:45	10,492,944	349,764	21,384	712	490
May.....	139:00	12,003,114	390,100	25,263	814	478
June.....	143:15	12,508,749	416,958	25,254	841	495
July.....	164:15	14,324,937	462,094	29,309	945	488
August.....	132:00	11,784,104	379,487	23,678	763	499
September.....	139:00	12,570,591	419,019	25,225	840	498
October.....	148:00	12,885,708	415,668	25,500	824	504
November.....	156:30	13,496,406	449,880	26,745	891	504
December.....	149:15	13,138,158	423,811	26,123	842	502
Total.....	1,713:00	149,371,035	409,235	301,716	826	495
Daily average	4:41	409,235	.....	826	.....	.....

* Amount of coal consumed includes that used for heating the building and banking fires.

Amount of coal consumed per thousand gallons pumped, 2.01 pounds.

HENRY A. ROWELL,
Engineer.

APPENDIX.

A

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
“ “ “ 1890	.	.	42,133.41
“ “ “ 1891	.	.	46,075.16
“ “ “ 1892	.	.	48,351.52
“ “ “ 1893	.	.	52,299.66
“ “ “ 1894	.	.	53,230.10
“ “ “ 1895	.	.	55,343.19
“ “ “ 1896	.	.	56,557.81
“ “ “ 1897	.	.	55,156.42
“ “ “ 1898	.	.	59,147.54
“ “ “ 1899	.	.	53,953.13
“ “ “ 1900	.	.	57,003.71
“ “ “ 1901	.	.	62,253.61
Total receipts for 29 years			\$1,074,982.42

B

Mean Height of the Water Each Year.

1873 . . .	175.86	1888 . . .	181.96
1874 . . .	179.50	1889 . . .	180.91
1875 . . .	180.00	1890 . . .	181.90
1876 . . .	180.28	1891 . . .	180.00
1877 . . .	176.46	1892 . . .	174.32
1878 . . .	179.50	1893 . . .	173.38
1879 . . .	179.74	1894 . . .	172.81
1880 . . .	175.30	1895 . . .	171.15
1881 . . .	174.70	1896 . . .	178.96
1882 . . .	179.15	1897 . . .	183.33
1883 . . .	176.40	1898 . . .	184.31
1884 . . .	178.18	1899 . . .	183.49
1885 . . .	176.80	1900 . . .	183.09
1886 . . .	178.10	1901 . . .	183.86
1887 . . .	179.04		

SCHEDULE OF IRON AND CEMENT-LINED PIPE AND GATES.—*Concluded.*

STREETS.	LENGTH AND SIZE OF CEMENT-LINED PIPE IN FEET.										LENGTH AND SIZE OF IRON PIPE IN FEET.										NUMBER AND SIZE OF GATES.												
	PIPE IN FEET.										PIPE IN FEET.										NUMBER AND SIZE OF GATES.												
	30-in.	18-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.	24-in.	20-in.	18-in.	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.	24-in.	20-in.	18-in.	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.					
Woodman.....																																	
Wyman.....																																	
Hydrant branches																																	
Blow-offs.....																																	
PENACOOK.																																	
Penacook main....			1310	1221						381				120	225	8																	
Canal, East.....					628																												
Canal, West.....					422																												
Centre.....					479										247	369																	
Charles.....																																	
Church.....																																	
Crescent.....																																	
Cross.....																																	
High.....						724																											
Main.....																																	
Main, West.....																																	
Maple.....																																	
Merrimack.....																																	
Penacook.....																																	
Rolfe.....																																	
Spring.....																																	
Stark.....																																	
Summer.....																																	
Union.....																																	
Washington.....																																	
Winter.....																																	
Hydrant branches																																	
Blow-offs.....																																	
Totals.....	2220	11391	19044	13189	3788	17216	40222	30625	522	25335	1963	2788	7133	6501	14419	9197	57491	34475	6	18	10	4	31	29	50	43	390	262					

D.
FIRE-HYDRANTS.

STREETS.	LOCATIONS.	Number.	Total.
North Main.	Southwest corner North Main and Penacook.....	1	
"	East side North Main, near J. B. Walker's.....	1	
"	Junction North Main and Fiske.....	1	
"	East side North Main, near Larkin's store.....	1	
"	Northwest corner North Main and Franklin.....	1	
"	East side North Main, opposite Pearl.....	1	
"	Northwest corner North Main and Washington.....	1	
"	West side No. Main, opposite Historical Society rooms.....	1	
"	East side North Main, opposite Chapel.....	1	
"	Northwest corner North Main and Court.....	1	
"	Northwest corner North Main and Pitman.....	1	
"	Northwest corner North Main and Montgomery.....	1	
"	East side North Main, opposite Montgomery.....	1	
"	Northwest corner North Main and Centre.....	1	
"	Southeast corner North Main and Bridge.....	1	
"	Southwest corner North Main and Park.....	1	
"	East side North Main, opposite Park.....	1	
"	Northwest corner North Main and Capitol.....	1	
"	Northwest corner North Main and School.....	1	
"	West side North Main, at Centennial Block.....	1	
"	East side North Main, opposite Centennial Block.....	1	
"	East side North Main, in rear Eagle Hotel.....	1	
"	East side North Main, in rear Woodward Block.....	1	
"	Northwest corner North Main and Warren.....	1	
"	West side North Main, at Central Block.....	1	
"	Northeast corner North Main and Depot.....	1	
"	Northwest corner North Main and Pleasant.....	1	27
South Main.	Southeast corner South Main and Pleasant.....	1	
"	Northeast corner South Main and Freight.....	1	
"	East side South Main, opposite Fayette.....	1	
"	East side South Main, opposite Thompson.....	1	
"	Southeast corner South Main and Chandler.....	1	
"	Northwest corner So. Main and Wentworth's avenue.....	1	
"	Northwest corner South Main and Thorndike.....	1	
"	East side South Main, opposite St. John's church.....	1	
"	Northwest corner South Main and Perley.....	1	
"	West side South Main, near Abbot-Downing Co.'s.....	1	
"	East side South Main, opposite Abbot-Downing Co.'s.....	1	
"	Northwest corner South Main and West.....	1	
"	East side South Main, near West.....	1	
"	West side South Main, opposite Gas.....	1	
"	West side South Main, opposite Holt Bros. M'fg Co.....	1	
"	Southwest corner South Main and South State.....	1	
"	Northwest corner South Main and Pillsbury.....	1	
"	East side South Main, opposite Pillsbury.....	1	
"	West side South Main, at J. H. Lamprey's.....	1	
"	West side South Main, at W. J. Sawyer's.....	1	20
Water.	West side Water, near Capt. James Thompson's.....	1	
Hall.	West side Hall, below Rolfe and Rumford Asylum.....	1	1
"	East side Hall, opposite W. H. Page's.....	1	2
Hammond.	North side Hammond, near Bridge.....	1	1
Fiske.	West side Fiske, near North State.....	1	1
Summer.	Northeast corner Summer and Pitman.....	1	1
North State.	East side North State, near cemetery gate.....	1	
"	Northeast corner North State and Foster.....	1	
"	West side North State, at water-works storehouse.....	1	
"	Southwest corner North State and Penacook.....	1	
"	Northwest corner North State and Walker.....	1	
"	Northwest corner North State and Church.....	1	
"	Northwest corner North State and Tremont.....	1	
"	Northeast corner North State and Washington.....	1	
"	West side North State, opposite Court.....	1	
"	Northwest corner North State and Maple.....	1	

FIRE-HYDRANTS.—Continued.

STREETS.	LOCATIONS.	Number.	Total.
North State.	Northeast corner North State and Centre.....	1	
"	East side North State, opposite government building.....	1	
"	Southwest corner North State and School.....	1	
"	Northwest corner North State and Warren.....	1	
"	Northwest corner North State and Pleasant.....	1	15
South State.	East side South State, opposite Wall.....	1	
"	Northwest corner South State and Thompson.....	1	
"	Southwest corner South State and Monroe.....	1	
"	East side South State, opposite Laurel.....	1	
"	Southeast corner South State and Downing.....	1	
"	Northeast corner South State and West.....	1	
"	Junction of South State and South Main.....	1	7
Mills.	Southeast corner Mills and Downing.....	1	
"	West side Mills, near Levi Call's.....	1	2
Dakin.	West side Dakin, near C. E. Harriman's.....	1	1
Dunklee.	Northwest corner Dunklee and Pillsbury.....	1	1
Broadway.	Northwest corner Broadway and Allison.....	1	
"	West side Broadway, near precinct line.....	1	2
Green.	Northwest corner Green and Prince.....	1	
"	East side Green, opposite Prince.....	1	2
South.	West side South, opposite Wall.....	1	
"	Northwest corner South and Thompson.....	1	
"	West side South, opposite Monroe.....	1	
"	West side South, opposite Laurel.....	1	
"	West side South, opposite Downing.....	1	
"	West side South, opposite Allison.....	1	
"	West side South, near Abbott farm.....	1	
"	West side South, opposite Smith farm.....	1	
"	Northwest corner South and Rockingham.....	1	9
Bradley.	Southwest corner Bradley and Penacook.....	1	
"	West side Bradley, opposite Walker.....	1	
"	East side Bradley, opposite Highland.....	1	3
Union.	Northwest corner Union and Maple.....	1	1
Lyndon.	Southwest corner Lyndon and Tremont.....	1	1
North Spring.	Southwest corner North Spring and Centre.....	1	1
South Spring.	Southwest corner South Spring and Oak.....	1	
"	West side South Spring, opposite Concord.....	1	
"	West side So. Spring, opp. Perley proposed extension..	1	3
Rumford.	West side Rumford, opposite Perkins.....	1	
"	Northwest corner Rumford and Beacon.....	1	
"	Northeast corner Rumford and Franklin.....	1	
"	Northeast corner Rumford and Abbott.....	1	
"	Northeast corner Rumford and Cambridge.....	1	
"	Northeast corner Rumford and School.....	1	6
Tahanto.	Northwest corner Tahanto and School.....	1	1
Pine.	Southwest corner Pine and Centre.....	1	1
High.	Northwest corner High and Auburn.....	1	
"	East side High, opposite Forest.....	1	
"	Southwest corner High and Franklin.....	1	3
Giles.	Southeast corner Giles and School.....	1	
"	Northeast corner Giles and Warren.....	1	2
Princeton.	Southwest corner Princeton and Clinton.....	1	1
Fruit.	East side Fruit, opposite Wm. W. Critchett's.....	1	
"	Northwest corner Fruit and Woodman.....	1	2
Minot.	West side Minot, near Odd Fellows' Home.....	1	1
Penacook.	South side Penacook, east of P. B. Co.'s bark house..	1	
"	South side Penacook, near P. B. Co.'s.....	1	
"	South side Penacook, near P. B. Co.'s office.....	1	
"	Southeast corner Penacook and North Main.....	1	
"	Southwest corner Penacook and Rumford.....	1	
"	Southeast corner Penacook and Columbus avenue.....	1	6
Highland.	Northeast corner Highland and Rumford.....	1	1
Church.	North side Church, opposite Lyndon.....	1	
"	Northeast corner Church and Rumford.....	1	2

FIRE-HYDRANTS.—Continued.

STREETS.	LOCATIONS.	Number.	Total.
Franklin.	Northwest corner Franklin and Jackson	1	
"	Southwest corner Franklin and Rumford	1	
"	South side Franklin, opposite W. J. Ahern's	1	
"	Northeast corner Franklin and Auburn	1	4
Beacon.	Northwest corner Beacon and Jackson	1	1
Blanchard.	Northwest corner Blanchard and Essex	1	1
Ferry.	North side Ferry, east of C. & M. railroad	1	1
Washington.	Southwest corner Washington and Union	1	
"	Northwest corner Washington and Rumford	1	
"	North side Washington, opposite Perry avenue	1	3
Valley.	North side Valley, opposite Forest	1	1
Auburn.	Northwest corner Auburn and Forest	1	1
Centre.	Northeast corner Centre and North State	1	
"	Southwest corner Centre and Green	1	
"	Northwest corner Centre and Union	1	
"	Northwest corner Centre and North Spring	1	
"	Northwest corner Centre and Rumford	1	
"	South side Centre, opposite Essex	1	
"	Southwest corner Centre and Summit avenue	1	
"	Northeast corner Centre and Ridge road	1	8
Bridge.	South side Bridge, near easterly barn	1	1
Capitol.	Northeast corner Capitol and North State	1	1
School.	Northwest corner School and Green	1	
"	Northwest corner School and North Spring	1	
"	Northwest corner School and Merrimack	1	
"	North side School, near city storehouse	1	
Durgin.	North side School, opposite E. B. Woodworth's	1	5
Depot.	East side Depot, opposite Toof's Laundry	1	1
"	Northwest corner Depot and Railroad square	1	
"	South side Depot, at end of train-shed	1	2
Warren.	Northwest corner Warren and Green	1	
"	Northwest corner Warren and North Spring	1	
"	Northwest corner Warren and Rumford	1	
"	Southwest corner Warren and Merrimack	1	
"	Northwest corner Warren and Tahanto	1	
"	Northeast corner Warren and Liberty	1	
"	Junction of Warren and Pleasant, near Fruit	1	7
Pleasant.	Northwest corner Pleasant and Railroad square	1	
"	Southeast corner Pleasant and South	1	
"	Northeast corner Pleasant and Fremont	1	
"	Southwest corner Pleasant and Spring	1	
"	South side Pleasant, opposite Rumford	1	
"	South side Pleasant, opposite Merrimack	1	
"	South side Pleasant, opposite Pine	1	
"	South side Pleasant, opposite Liberty	1	
"	North side Pleasant, opposite Mrs. Aiken's	1	
"	South side Pleasant, near Mrs. Eddy's	1	
"	North side Pleasant, near Mrs. Lane's	1	
"	North side Pleasant, near J. McC. Hammond's	1	
"	South side Pleasant, opposite Pond road	1	
"	South side Pleasant, near J. Milnor Coit's	1	
"	North side Pleasant, opposite Infirmary	1	
"	South side Pleasant, near the mill	1	16
Mill road.	East side Mill road, near Upper School cottage	1	
St. P. School.	North side Mill road, at Orphans' Home	1	2
Old Hopkin-			
ton road.	Junction Old and New Hopkinton roads	1	1
Marshall.	North side Marshall, opposite Fuller	1	1
Freight.	North side Freight, at southwest corner passenger station	1	1
Hill's avenue.	Northeast corner Hill's avenue and South Main	1	
"	Southwest corner Hill's avenue and Railroad square	1	2
Fayette.	Northwest corner Fayette and Elm	1	1

FIRE-HYDRANTS.—*Continued.*

STREETS.	LOCATIONS.	Number.	Total.
Thompson.	North side Thompson, opposite Jefferson.....	1	1
Chandler.	South side Chandler, opposite railroad.....	1	1
Concord.	South side Concord, opposite Jefferson.....	1	1
Thorndike.	Northeast corner Thorndike and Grove.....	1	1
Laurel.	Northeast corner Laurel and Pierce.....	1	1
Perley.	Northwest corner Perley and Grove.....	1	1
"	South side Perley, near old brook.....	1	2
West.	North side West, near Badger.....	1	
"	North side West, opposite Dakin.....	1	3
"	North side West, at intersection Broadway.....	1	
Clinton.	North side Clinton, at Concord State Fair Grounds.....	1	
"	North side Clinton, near Snell's.....	1	
"	Northeast corner Clinton and Fruit.....	1	4
"	North side Clinton, opposite Avon.....	1	
Avon.	Northwest corner Avon and South.....	1	1
Harrison.	Northwest corner Harrison and Morton.....	1	1
Allison.	Northwest corner Allison and Mills.....	1	1
Rockingham.	Northeast corner Rockingham and Broadway.....	1	1
Prospect.	Northwest corner Prospect and Granite avenue.....	1	1
Curtice ave.	North side Curtice avenue, near John C. Kenney's.....	1	1
North State.	East side North State, near W. H. Perry's.....	1	
West Concord road.	West side North State, near Calvary cemetery.....	1	
"	East side North State, near A. L. Coburn's.....	1	
"	West side North State, at south line of prison wall.....	1	
"	West side North State, at north line of prison wall.....	1	
"	East side North State, near Asa L. Gay's.....	1	
"	West side North State, near Amos Haynes Co.'s.....	1	
"	East side North State, near C. H. Farnum's.....	1	
"	East side North State, near M. H. Farnum's.....	1	
"	East side North State, near stone cut.....	1	11
"	West side North State, opposite S. Abbott's.....	1	
WEST CONCORD.			
North State.	East side North State, near old city farm.....	1	
"	East side North State, near engine house.....	1	
"	East side North State, opposite D. Holden's.....	1	
"	West side North State, near north mill.....	1	
"	East side North State, opposite George W. Brown's.....	1	
"	East side North State, near Mr. Harrington's.....	1	
"	East side North State, opposite A. Hollis's.....	1	
"	East side North State, near Sewall's Falls road.....	1	8
Electric.	Northeast corner of Electric and North State.....	1	
"	North side Electric, near power station.....	1	2
Lake.	East side Lake, near S. W. Kellom's.....	1	
"	East side Lake, near Mrs. G. E. Holden's.....	1	2
Knight.	South side Knight, opposite railroad station.....	1	1
Hutchins.	North side Hutchins, near B. T. Putney's.....	1	
"	North side Hutchins, near C. & C. railroad.....	1	2
Penac'k road.	West side Penacook road, near Warner road.....	1	1
PENACOOK.			
Main.	West side Main, near Mr. Currier's.....	1	
"	West side Main, at Woodlawn cemetery.....	1	
"	West side Main, opposite Stark.....	1	
"	West side Main, near Mr. Prescott's.....	1	
"	Southwest corner Main and Union.....	1	
"	Washington square, opposite Washington.....	1	
"	Northwest corner Main and Charles.....	1	
"	North side Main, opposite East Canal.....	1	
"	North side Main, near iron bridge.....	1	9

FIRE-HYDRANTS.—*Concluded.*

STREETS.	LOCATIONS.	Number.	Total.
West Main.	West side West Main, opposite cemetery.....	1	1
High.	East side High, opposite Summit.....	1	
"	Northwest corner High and Maple.....	1	
"	Northwest corner High and Spring.....	1	3
Washington.	Southeast corner Washington and Union.....	1	
"	South side Washington, opposite John Whitaker's.....	1	
"	South side Washington, opposite Charles.....	1	
"	South side Washington, near Contoocook bridge.....	1	4
Charles.	Southwest corner Charles and Warren.....	1	
"	North side Charles, near George W. Corey's.....	1	2
West Canal.	Southeast 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
Crescent.	North side Crescent, east of Canal.....	1	1
Merrimack.	South side Merrimack, opposite Merrimack avenue.....	1	
"	North side Merrimack, opposite D. W. Fox's.....	1	
"	North side Merrimack, opposite Cross.....	1	
"	South side Merrimack, opposite Rolfe's shop.....	1	
"	North side Merrimack, near road to Island.....	1	
"	Northwest corner Merrimack and Penacook.....	1	6
Summer.	North side Summer, opposite High.....	1	
"	Northeast corner Summer and Centre.....	1	2
Spring.	Northeast corner Spring and Church.....	1	1
Centre.	Northwest corner Centre and Spring.....	1	1
Cross.	Southwest corner Cross and Summer.....	1	1
Rolfe.	North side Rolfe, near James Corbett's.....	1	
"	Northwest corner Rolfe and Penacook.....	1	2
Penacook.	West side Penacook, opposite A. W. Rolfe's.....	1	1
	Whole number public hydrants.....		272
	PRIVATE HYDRANTS.		
	Boston & Maine Railroad, upper yard.....	6	
	Boston & Maine Railroad, new shops.....	14	
	New state prison.....	3	
	Abbot-Downing Co.'s yard.....	6	
	Page Belting Co.'s yard.....	5	
	W. P. Ford & Co.'s yard.....	1	
	N. H. State Hospital yard.....	1	
	Concord Gas Light Co.'s yard.....	1	
	St. Paul's School.....	1	
	Water-works pumping station grounds.....	1	39
	Whole number private hydrants.....		39

PUBLIC LIBRARY.

REPORT OF THE TRUSTEES.

To the City Council:

The accompanying report of the librarian presents at length the methods of library management during the past year, their development, and the condition and prospects of the institution, and it is respectfully commended to your thoughtful consideration. We will add a few words only with reference to the expense of maintenance and a recommendation as to the appropriation.

Last year, in view of the accumulated interest on the Seth K. Jones fund, \$875.43, then first available, the appropriation to the library was reduced from \$5,000 to \$4,500. Of the interest on the Jones fund there has been expended \$646.26; interest on other funds and on Jones fund for current year, \$169.21. The total expenditure, \$5,315.47, has been used for the following purposes: purchase of books, \$1,174.62; subscription to newspapers, \$45.95; to periodicals, \$181.85; and the remainder, \$3,913.05, has been required for expenses of administration, supplies, etc. A detailed statement of these disbursements is included in the report of the city auditor. There have been received from fines \$194.75 and from the sale of catalogues \$11.00, which amounts have been paid to the city treasurer.

As only \$229.17 of the interest on the Jones fund remains unexpended, the trustees respectfully recommend an appropriation of \$5,000 additional for the support of the library during the coming year.

We take this occasion to express our appreciation of the faithful services of the librarian and the assistants and of the unvarying courtesy and assiduity with which the patrons of the library have been served.

CHARLES H. SANDERS,
CHARLES E. STANIELS,
PAUL R. HOLDEN,
JOHN M. MITCHELL,
AMOS J. SHURTLEFF,
REUBEN E. WALKER,
WILLIAM W. FLINT,
EDSON J. HILL,
MOSES H. BRADLEY,

Trustees.

CONCORD, February 1, 1902.

REPORT OF THE CITY LIBRARIAN FOR 1901.

To the Board of Trustees of the Concord Public Library:

GENTLEMEN,—During 1901 our library has quietly continued its work of dispensing pleasure with one hand and instruction with the other. More than the usual number of books have been bought, a liberal supply of the most recent literature has been promptly placed before the public, the library building has been kept in repair, and some improvements made.

We have not been able to think of any new privileges to offer our patrons, and no event has specially stimulated reading, yet we have given out more books than in 1900. This is gratifying, particularly as the increase in circulation has been accompanied by another slight reduction in the reading of fiction; this is now down to 76 per cent., a rate not discreditable when compared with other libraries' statistics, but one which we hope to see lowered as time goes on; only four years ago our fiction was read to the extent of 85 per cent. Magazines have been taken out even more freely than heretofore; and it may interest the members of the science department of the Woman's Club to know that there has been a perceptible increase in the circulation of scientific works.

What we at the library have known as the "Saturday night rush," when hundreds of persons came to get a good story for over Sunday, has been less noticeable of late months, and we feared to add up our figures, lest we should find a deficit in our desk work for the year. But the footing was many hundreds in advance of 1900, and we exulted that the steady, sane use of better books all through the week had

given us an excess to the credit of non-fiction. If, some day, we can offer, by access to shelves, as free an examination of books and magazines as can be enjoyed in a private library, many valuable but comparatively unknown volumes will be selected, and the character of our circulation raised still higher.

Concord has a population of 19,632. Exactly 89,000 books were handed over the delivery desk in 1901. We wish these statistics meant that each citizen had read over four books thoroughly. Instead, some child has skimmed dozens of books and another has read none at all; one adult has known the library to be the place where he can find out things; another adult has had the general idea that a public library contains poetry, essays, biography and history, and has not imagined our abundance of technical and industrial works.

A public library is, nowadays, a great department store, and should be managed with the same push and enterprise and desire to supply all customers, i. e., all taxpayers. At Field's, in Chicago, one can buy lettuce on the top floor and steam-engines in the basement. So, at a library, a borrower ought to be able to get perishable green goods in latest novels, or works of originality and force which will move the world.

We despair of a right understanding of our institution, however, so long as our budding clientèle says, "Please may I take out 'libr'ies'?" We ask the small applicant if he wants the building, or us, or books? And when his face lights up at the word books, we hope he begins to see a difference in words, which may lead to his knowing some time a difference in books, and end by his realizing that truth is stranger than fiction, that "Up from Slavery" and "The Making of an American" are as fascinating as any fictitious tale of a poor boy's rise to fame and fortune. Titles that take boys' fancy read, "Luck and Pluck," "Strive and Succeed," "Try and Trust." Surely no Horatio Alger urchin ever so strove and so succeeded as Mr. Washington and Mr. Riis.

If people only knew that a library *likes* to be put upon its mettle as a provider of information, they would not hesitate to come in and, if necessary, expose, by inquiry, the weak places in our departments. As soon as a lack on any given subject becomes known, it is made good immediately. For instance, a leading civil engineer came in to get something on the laying of electric railroads. We had nothing recent in that line, but in three days the two most helpful books on that topic which could be bought in Boston were on our shelf. Again, the school instructor in domestic science had only to find us short on that subject, to lead us to buy at once.

It is the bright spot in a weary day when an intelligent adult comes in for assistance; when, for example, a mother says: "My children are beginning to read 'The Outlook' editorials, and to ask me questions concerning our government which I cannot answer. Have you any book which will post me?" When, to illustrate further, a young man calls for books on Germany before going to Mr. Streeter's address on the union of that empire, and afterwards takes pains to tell us that he got more out of the address and could talk more understandingly with the speaker because of his preliminary running through of our material. Mr. Streeter's address is the first thing we shall hand to future inquirers on this subject.

One hour a borrower wants to know what stain will make new wood look old; the next, a committee-woman *must* have a play to enact at a Christmas festival. A business man drops in to consult a city directory of '67, and as he goes out meets coming in a newspaper reporter after biographical matter for the obituary of a former Concord resident. From our Concord collection came the only picture of Moses Woolson procurable for the article on the Concord High School. Hardly a day passes without a satisfactory happening of this kind, in which the library has sufficed the investigator.

The tendency is markedly toward a more serious use of the library for purposes other than recreation. The use of the reference room by children is rapidly growing. Pupils are

finding out that there is a relation between their ordinary text-books and literature. To foster this, we sent out postcards at the beginning of the school year, reminding our teachers of what the library accords them in the way of privileges and of what more it might easily be persuaded to accord. We wish more teachers would bring in their classes to learn the use of indexes, encyclopædias, etc. To derive the greatest benefit from a library it is essential to know how to use page-headings, tables of contents, a card catalogue, etc.; and this knowledge should be gained in school days, and no pupil be allowed to graduate with the idea that the dictionary is the only book of reference. As Sam Waiter Foss, genial poet and fine librarian of Somerville, says, desirous that each resident shall be a borrower at his library: "If our books are good for half the pupils, they are also good for the other half."

Many of our teachers occasionally take a dozen or so of our library books to their schoolrooms, thus making the books seek the readers, and creating a brisk little circulation of them, which, if counted, would add sensibly to our total stated in this report. One little girl advised her teacher to have library books there for leisure minutes, "for," she said, "I think we will have better 'conduct' if you do."

Turning from the consideration of circulation and borrowers to the subject of purchases, we have first to acknowledge gratefully our use of the accumulated interest on the bequest left in 1878 by Mr. Seth K. Jones for the buying of books for the Public Library. We have conservatively reserved a fraction of this interest to spend next year, but have nevertheless been able to add more volumes than in any year of which the present librarian has record.

Of the 1,250 volumes bought, many fill vacancies caused by the wearing out of old favorites. It will surprise you to hear that in the last twelve months we had to discard, as utterly disreputable, 392 volumes.

Some one has said, "New books are the vitality of the library, the old, its strength." Replenishing, therefore, goes hand in hand with purchasing new material.

Some of our notable additions have been :

The Warner Library of the World's Best Literature	30 vols.
The Harriman Alaska Expedition	2 vols.
Tissot's Life of Christ	4 vols.
Dictionary of Building and Architecture	3 vols.
Dictionary of Philosophy and Psychology	3 vols.
The Abridged Poole's Index.	
Various books of design.	
A new edition of Lippincott's Biographical Dictionary.	
A set of juvenile French periodicals, and a set of	
Heath's Home and School Classics	32 vols.

These last we keep on an open shelf by the desk, and there they win hundreds of readers among the little folks who otherwise might never know these best of youthful stories. Several adults have smilingly renewed their "Robinson Crusoe" in the neat little brown volume.

Another noteworthy purchase has been that of stereoscopic views of different countries, which we let out on borrowers' cards judiciously, as we do valuable books. These pictures and accompanying lenses are so fine that only praise has come from those who have already seen them; and we foresee a long life of usefulness for the stereographs among invalids and travel clubs.

In purchasing books, we aim to get all those which will enable people to identify treasures they possess in their homes; for instance, illustrated books on rare laces, Indian baskets, oriental rugs, old china, glassware, and antique furniture.

During 1901 we tried the system of adding new books every month, instead of putting out a larger number every two months. We are convinced that the monthly additions are better, and that a library's tendency should be toward placing a few new books often before the public. A feast or a famine in mental food is no more salutary than in other kinds of nourishment.

We shall bind up most of the magazines taken during the year, and thus continue the files which are becoming recog-

nized by investigators as invaluable, by reason of the modern means of tracing articles through the "Cumulative Index to Periodicals."

"We are confident," says one librarian, "that the appetite for fiction has a solid foundation in nature and will endure. We think that under due limitations it ought not to be considered an evil." We feel like adding,—Let him who is not accustomed to relax or divert himself with fiction cast the stone at story-writers, and incidentally hit George Eliot, Victor Hugo, Thackeray, and Hawthorne. Your librarian pleads guilty, on an exhausting day, to reaching up to the new books over her desk for "Mrs. Wiggs of the Cabbage Patch," rather than for the "Studies in Fossil Botany." Missions to the sick are deservedly much commended and are carried on by many agencies. But there is a mission to the *tired* which is worthy to be done, and a public library wants a share in it.

We try, however, to buy fiction of such a character that no permanent injury can come from reading it. Occasionally the excusable curiosity of many very intelligent readers clamors for a book of dubious value. We compass this difficulty by buying one copy of the book and entering it in our card catalogue only. By the time the book has worn out the demand for it has ceased, the cards are removed from the catalogue, and future librarians will not be obliged, much against their will, to keep it in the library.

Clever and persistent advertising stimulates a call for certain new novels, producing a run on a library which affects its staff about as pleasantly as a run on a bank affects its officials. I presume there is usually about as good cause for the one as for the other. For the "six best-selling books" are not the six best books. Dr. Van Dyke says, "Although the fact that a book has reached its 200,000 mark cannot possibly prove that the book is bad, such a figure is unfortunately no sure sign of its real literary value." "When the public shall have learned that much of that which appears owes its success to the business methods of its publishers, there will be a rebound to the older standards and more worthy books."

The Booklovers Library seems to have been created to satisfy this almost universal desire to read the new books. It may soon perceptibly relieve the pressure upon public libraries to furnish manifold copies of a nine days wonder in literature. We are often asked politely, in roundabout ways so as not to hurt our feelings, if the Booklovers Library conflicts with ours.

No, a hundred times no! It may keep us from seeing in our building some delightful people who have become enrolled among its members; but the giving out of fresh novels is only a small item in our work and opportunities. We are not on a single track, and there will be no collision.

We have one protest to make, however, in connection with the Booklovers Library. If townspeople studied our monthly lists, kindly printed by our two daily papers, as assiduously as they study the beautiful catalogues of the Booklovers Library, they would find that we possess most of the books (in the English language) offered by the latter. We do not care how many copies of "The Crisis" come from Boston, but we do feel it when a citizen thinks she must send there for "The Progress of Invention in the 19th Century," or when a teacher says she is enjoying a Booklovers' copy of Greenough's "Words and Their Ways," and asks if we have heard of it, while there is the book in front of her on our open shelf, trying to allure some one into taking it. Let no one import "The Improvement of Towns and Cities," for we bought that admirable book as soon as it was published last spring, and have been disappointed that no one has cared enough for the civic beauty of Concord to read it.

It is entertaining to observe how a new successful work sets the public to reading all the old writings of the same author. "The Cavalier" revives an interest in Cable. We are always reminded that dealers say they buy a new stock of goods to make the old stock sell.

Comparing our institution with other libraries, we find we have very little "red tape"; even reference books and works of art are given out when at all practicable, for they are for the use of the present generation as much as for posterity.

We have shown from the source of the Library Art Club many exhibits of pictures which have been greatly enjoyed.

About the same number of new borrowers register annually, 639 being the number of applicants the past year.

Almost 500 children have frequented the little box we dignify by the name of Boys' Room. May the day be not far distant when a big, sunny Children's Room will be an adjunct of our library! It is a valued feature in progressive libraries of any size.

We are indebted for gifts of books, periodicals, plants, and picture exhibits to the following: Mrs. Armenia White, Miss M. A. Downing, Mr. Samuel C. Eastman, Mr. Henry A. Kimball, Mrs. Sarah J. Adams, Dr. J. E. Hoyt, Mrs. Eddy, to the government press at Washington, to the Salvation Army, and to temperance and philanthropic societies for their publications, to state and city institutions for their yearly reports, to the publishers of several newspapers, and to the different colleges for their annual catalogues. Through the warm weather we are fortunate in being remembered very frequently with flowers for the desk.

It has been said that the first requisite of means to bring the treasures of a library to the notice of the people is attendants ready, eager, and willing. My assistants are that.

It is an honor and a privilege to give the foregoing account of the growth and work of the library.

Respectfully submitted,

GRACE BLANCHARD,

Librarian.

REPORT OF THE BOARD OF ASSESSORS

FOR THE YEAR ENDING DECEMBER 31, 1901.

To the Taxpayers of the City of Concord :

The board of assessors respectfully submit for your perusal information regarding the valuation of the city for 1901 as compared with the previous year.

VALUATION OF THE CITY BY WARDS.

1900.		1901.	
Ward 1	. . . \$781,677	Ward 1	. . . \$822,973
2	. . . 297,722	2	. . . 295,009
3	. . . 398,340	3	. . . 394,721
4	. . . 2,413,614	4	. . . 2,443,603
5	. . . 3,095,200	5	. . . 3,125,761
6	. . . 2,063,000	6	. . . 2,050,150
7	. . . 990,490	7	. . . 1,053,762
8	. . . 875,070	8	. . . 882,400
9	. . . 312,772	9	. . . 325,315
	<u>\$11,227,885</u>		<u>\$11,393,694</u>

Increase over 1900, \$165,809.

Lands and buildings improved and unimproved, 1900	\$9,460,065
“ “ “ “ 1901	<u>9,596,979</u>
Increase over 1900	. . . . . \$136,914

Number of polls assessed :

In 1900	. . . . . 4,809
In 1901	. . . . . <u>5,378</u>
Increase	. . . . . 569

Horses :				
Number of horses in 1900	.	.	1,561	\$75,080
“ “ 1901	.	.	1,510	74,355
Decrease	.	.	.	\$725
Oxen :				
Number of oxen in 1900	.	.	29	\$1,105
“ “ 1901	.	.	24	1,235
Increase	.	.	.	\$130
Cows :				
Number of cows in 1900	.	.	1,316	\$27,930
“ “ 1901	.	.	1,329	27,495
Decrease	.	.	.	\$435
Neat stock :				
Number of neat stock in 1900	.	.	215	\$2,707
“ “ 1901	.	.	254	3,192
Increase	.	.	.	\$485
Sheep :				
Number of sheep in 1900	.	.	250	\$483
“ “ 1901	.	.	254	579
Increase	.	.	.	\$96
Hogs :				
Number of hogs in 1900	.	.	22	\$200
“ “ 1901	.	.	3	15
Decrease	.	.	.	\$185
Fowls in 1901	.	.	.	\$15

Carriages :					
Number of carriages in 1900	.	.	.	297	\$24,205
“ “ 1901	.	.	.	394	25,635
Increase	.	.	.	.	\$1,480
Stock in public funds in 1900	.	.	.	.	\$38,700
“ “ “ 1901	.	.	.	.	13,700
Decrease	.	.	.	.	\$25,000
Stock in banks :					
In 1900	.	.	.	.	\$147,950
In 1901	.	.	.	.	230,949
Increase	.	.	.	.	\$82,999
Stocks out of the state, 1900	.	.	.	.	\$15,240
“ “ “ 1901	.	.	.	.	16,595
Increase	.	.	.	.	\$1,355
Money on hand or on deposit, 1900	.	.	.	.	\$154,222
“ “ “ 1901	.	.	.	.	150,710
Decrease	.	.	.	.	\$3,512
Stocks in trade in 1900	.	.	.	.	\$656,731
“ “ 1901	.	.	.	.	644,750
Decrease	.	.	.	.	\$12,181
Mills and machinery, 1900	.	.	.	.	\$45,977
“ “ 1901	.	.	.	.	69,690
Increase	.	.	.	.	\$23,713

APPROPRIATIONS, TAX RATE, AND VALUATION OF THE CITY
AND PRECINCTS IN 1901.

Name of tax. Items of general tax.	Appro- priations.	5 per cent. added.	Tax on \$1,000 as voted by board.	Valuation of city and precincts.
State	\$30,714			
County	44,147			
City	53,000	\$8,199.60	\$14.80	\$11,393,694
School tax required by law	36,135			
Special school:				
Union district	35,212	1,760.60	3.60	9,996,393
Town district	800	40.00	1.00	723,173
District No. 20	2,000	100.00	3.00	674,128
Precincts:				
Water	6,000	300.00	.50	10,516,362
City gas and sewer	17,115	855.75	1.80	9,372,013
City sprinkling	6,596	328.80	.80	8,529,045
Penacook sewer	2,450	122.50	4.10	606,630
Penacook lights	1,300	65.00	2.20	605,825
West Concord sewer	1,180	59.00	4.40	281,805
East Concord sewer	152	8.12	4.80	33,400

Respectfully submitted,

GEORGE F. UNDERHILL,

Chairman of Board of Assessors.

CHARLES A. HERBERT,

Clerk.

MEMBERS OF THE BOARD OF ASSESSORS.

Ward 1—OLIVER J. FIFIELD.

Ward 2—WILLIAM A. COWLEY.

Ward 3—JOSEPH E. SHEPARD.

Ward 4—CHARLES A. HERBERT.

Ward 5—GEORGE F. UNDERHILL.

Ward 6—GEORGE S. DENNETT.

Ward 7—JOHN H. QUIMBY.

Ward 8—JOHN J. LEE.

Ward 9—JAMES AHERN.

REPORT OF TAX COLLECTOR.

To the City Council :

I herewith submit the report of collection of taxes to the close of business, December 31, 1901 :

Year 1899.

	Dr.	Cr.
Total amount submitted for collection, \$221,824.00		
Interest collected	1,040.24	
Cash paid treasurer		\$218,101.23
Abatements ordered by board of assess- ors		4,763.01
	\$222,864.24	\$222,864.24

Year 1900.

Total amount submitted for collection, \$233,988.65		
Interest collected	1,155.12	
Cash paid treasurer		\$229,735.00
Abatements ordered by board of assess- ors		5,331.01
Cash in office December 31, 1901, at closing		15.60
Uncollected December 31, 1901, at closing		62.16
	\$235,143.77	\$235,143.77

Year 1901.

Total amount submitted for collection, \$243,143.48	
Interest collected	41.01
Cash paid treasurer	\$192,100.00
Abatements ordered by board of assess- ors	3,541.07
Cash in office December 31, 1901, at closing	166.38
Uncollected December 31, 1901, at closing	47,377.04
	<hr/>
	\$243,184.49 \$243,184.49

Respectfully submitted,

WENDELL P. LADD,

Tax Collector.

CONCORD, N. H., January 1, 1902.

PUBLIC PARKS.

REPORT OF PARK COMMISSIONERS.

To the City Council of the City of Concord:

The park commissioners respectfully submit the following report :

Appropriations and expenditures for the past year were as follows :

	Appropriations.	Expenditures.
White park	\$2,500.00	\$2,424.60
Rollins park	800.00	764.87
Penacook park	75.00	88.08
Bradley park	40.00	34.72
Ridge Avenue park	25.00	42.28
Fiske park	200.00	199.61
	<hr/>	<hr/>
	\$3,640.00	\$3,554.16

It will be noticed that in the aggregate the commissioners have kept within the appropriations; but work which is absolutely necessary must be put off from year to year on account of lack of funds.

WHITE PARK.

The work at White park has been carried on by the usual force, which with the large area to cover and the necessary work demanded has been well done. Over eight hundred loads of filling have been put on the north end of the park, covering up the low ground, and making it ready for a top covering which will be needed in the spring.

On account of badly-washed walks the superintendent has laid over 750 square feet of gutters to prevent in the future damage which is occasioned by heavy showers. The walks have been newly gravelled with material which we have had on the grounds, but which now is exhausted and will necessitate our finding it in other localities.

It was hoped that we could build a much-needed tool house this last year, but could not do so, although the stone foundation for one was laid, and we shall hope to erect a building this coming year. A fence will also have to be constructed, as the temporary one erected some years ago is giving way.

Owing to the widening of Centre street between Pine and Auburn streets, the park has become exposed and changed so much that quite a sum must be expended to fix it.

With each year the development of this park is gratifying, and when all the plans are carried out it will accommodate all with facilities for rest and pleasure.

The expenditures have been: For labor, \$2,023.06; grade, \$88.65; shrubs and seed, \$84.20; hardware and tools, \$48.34; lumber, \$14.90; fertilizer, \$21; water, \$15; incidentals, \$129.45; a total of \$2,424.60.

ROLLINS PARK.

The larger part of the work has been done on the clearing. The ground was smoothed and leveled thoroughly with plow and harrow, then seeded, and one ton of fertilizer put on. New water service was laid, using one thousand feet of iron pipe, with eight hydrants at various points with which to supply water for the grass and shrubs.

This park is enjoyed by many people, and services have been held on Sunday during the summer months. On the whole, better order has prevailed.

The expenditures have been: For labor, \$533.96; seed and trees, \$29.50; fertilizer, \$28; hardware and tools, \$22.52; iron pipe and fitting, \$111.36; incidentals, \$39.53; a total of \$764.87.

PENACOOK PARK.

This park has been a very popular resort for picnickers, and the work is wholly one of care and keeping the pavilion in repair.

There has been expended: For labor, \$77.10; lumber, \$8.18; incidentals, \$2.80; a total of \$88.08.

BRADLEY PARK.

For the maintenance of this park the following has been expended: Labor, \$24.02; fertilizer, \$4.20; water, \$4.00; incidentals, \$2.50; a total of \$34.72.

RIDGE AVENUE PARK.

On account of the dry weather after seeding, also for preserving the trees and shrubs already planted on this plot of ground, it was found necessary to put in pipes for city water, making an extra expense, and a consequent over-running of the appropriation.

The expenditures have been as follows: Labor, \$20.01; iron pipe and fittings, \$13.72; water, \$3.00; fertilizer, \$2.80.

FISKE PARK.

The sum of \$200 was appropriated to grade the triangle between North Main street and Fiske street, at the earnest solicitation of the citizens at the North End. The amount was carefully expended by the superintendent, but the uneven grade of the original ground and the high grade given by the city engineer necessitated more filling than was at first anticipated. Over 380 loads of gravel were placed on this plot; the loam was moved, and then replaced after the filling. In order to make a path over the embankment, granite steps were put in at a cost of \$35.

To fix the title to this piece of ground, an arrangement was made by a joint resolution of the city government, authorizing the mayor to accept a deed from William P. Fiske, quitclaiming all his right and title to land lying south of stone bounds

placed by the city engineer. The superintendent estimates that it will require the additional sum of \$350 to complete this park.

The expenditures have been: For labor, \$163.65; stone steps, \$35; incidentals, \$0.96; a total of \$199.61.

The park system has grown since the first board of park commissioners who were chosen in 1885, and who consisted of Josiah Minot, Benjamin C. White, John M. Hill, Joseph B. Walker, and William P. Fiske. Since 1887 the commissioners have received from regular appropriations \$40,000, or an average of \$2,666.67 per year. They have also received in gifts from Mrs. N. White \$1,700, Mrs. C. H. Newhall \$500, and Mr. C. H. Newhall for the bridge, \$50; from other sources \$1,215, making a total of funds passing through their hands of \$43,465. The city has also paid \$5,350 for land which has been added to White and Rollins parks.

The gentlemen composing the West End syndicate in 1898 made a gift of land to the city, and it has been named Ridge Avenue park.

The commissioners have also improved other tracts of land owned by the city, together with the maintenance of Penacook park, which came under their control in 1895. Appended are tables giving the yearly appropriations and expenditures for construction and maintenance since a park board was established.

Respectfully submitted,

HARRY G. SARGENT, *Chairman*,
BENJAMIN C. WHITE,
WILLIS D. THOMPSON,
GARDNER B. EMMONS,
GEORGE A. YOUNG,
WILLIS G. C. KIMBALL,
WILLIAM P. FISKE,

Park Commissioners.

PARKS.	Year.	Appropriation.	Gifts.	Receipts from other sources.	Cost to Date.		Total.	Area.	NOTES.
					Land.	Construction and maintenance.			
WHITE PARK, the gift of Mrs. Nathaniel White	1884	\$33,650.70	\$2,250.00	\$1,022.50	\$5,100.00	\$36,323.20	\$38,423.20	30 acres.	White park has received the following gifts: Mrs. N. White . . . \$1,700.00 Mrs. C. H. Newhall . . . 500.00 Mr. C. H. Newhall . . . 50.00 for bridge The city made addition to original gift, paying therefor \$2,100.
ROLLINS PARK, gift in part of citizens of Concord	1892	5,000.00	.....	192.50	{ 2,000.00 1,250.00	5,192.50	8,442.50	18 acres.	Rollins park. The city has made addition to original gift, paying \$3,250 therefor.
PENACOOK PARK	1883	649.50	.....	.....	.....	649.02	649.02	.....	Penacook park on the shore of Penacook lake came under control of park commissioners in 1895. City had charge before and has spent from commencement of work in 1883 an additional sum of \$4,444.13.
BRADLEY PARK	1896	965.72	.....	.....	.....	965.72	965.72	1/4 acre.	
RIDGE AVENUE PARK, gift of the West End Syndicate	1888	132.10	.....	.....	.....	132.10	132.10	1/4 acre.	
FISKE PARK	1901	200.00	.....	.....	.....	199.61	199.61	1/4 acre.	
		\$39,998.02	\$2,250.00	\$1,215.00	\$5,350.00	\$48,462.15	\$48,812.15		

THE YEARLY APPROPRIATIONS.

APPROPRIATIONS.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.
White Park.....	\$1,000.00	\$1,000.00	\$1,000.00	\$1,800.00	\$2,500.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,250.00	\$3,250.00	\$2,850.00	\$1,500.00	\$2,250.00	\$2,500.00
Rollins Park.....									1,000.00	1,000.00	750.00	650.00	400.00	400.00	800.00
Penacook Park.....									100.00	100.00	100.00	75.00	75.00	100.00	75.00
Bradley Park.....										550.00	175.00	75.00	25.00	40.00	40.00
Ridge Avenue Park.....														100.00	25.00
Fiske.....															200.00
GIFTS.															
Mrs. N. White.....	1,700.00														
Mrs. C. H. Newhall.....	500.00														
Mr. C. H. Newhall.....										50.00					
INCIDENTAL RECEIPTS.															
White Park.....	242.96	102.24			70.00	120.20	116.95			116.65		122.00			
Rollins Park.....									103.55	30.50					
FOR LAND PURCHASED.															
White Park.....					700.00							1,400.00			
Rollins Park.....						2,000.00								1,250.00	
	\$3,442.96	\$1,162.24	\$1,000.00	\$2,500.00	\$2,570.00	\$5,120.20	\$3,116.35	\$4,203.55	\$5,097.15	\$4,275.00	\$5,172.00	\$2,000.00	\$4,140.00	\$5,640.00	

CONSTRUCTION AND MAINTENANCE.

EXPENDITURES.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.
White Park.....									\$3,071.50	\$3,416.35	\$3,944.58	\$2,982.60	\$1,677.73	\$2,193.49	\$2,424.60
Rollins Park.....		\$1,838.84		\$4,766.86	\$1,800.00	\$2,570.00	\$3,120.20	\$3,116.95	942.35	1,092.86	983.84	636.60	387.09	385.04	764.87
Penacook Park.....									84.93	94.15	103.72	80.81	77.66	111.16	88.08
Bradley Park.....										550.00	218.73	78.25	44.50	39.52	34.72
Ridge Avenue Park.....														89.82	42.28
Fiske Park.....															199.61
Land purchased.....					700.00		2,000.00					1,400.00		1,250.00	
		\$1,838.84	\$4,766.86	\$2,500.00	\$2,570.00	\$5,120.20	\$3,116.95	\$4,098.78	\$5,153.36	\$4,650.87	\$5,178.26	\$2,186.98	\$4,069.03	\$3,534.16	

REPORT OF HISTORY COMMISSION.

To the City Council:

The completed manuscript of the History of Concord is now in the possession of the History Commission. An editorial committee, consisting of James O. Lyford, Henry McFarland, and Charles R. Corning, is revising and arranging this manuscript for the printer. The contract for printing will be made when this work is completed. As nearly as can be now estimated the history will be a volume of upwards of one thousand pages of five hundred words to the page, including the illustrations. After the contract is made the subscribers will have the option of having the book bound in two volumes or one, those who elect to have two volumes paying for the additional cost of binding, which in the cloth binding will probably not exceed one dollar. This is merely a question of convenience to the subscribers in the use they make of the book. If it is to be referred to often it will be easier to handle if bound in two volumes. It is probable that the copies bound for the trade, after the subscribers have been supplied, will be in two volumes, and the price to purchasers will be in excess of that to subscribers. For a limited period subscriptions can be made to the Secretary.

When the contract is made with the printer it can be definitely stated what month this year the history will be ready for delivery.

JAMES O. LYFORD,
Secretary History Commission.

REPORT OF CITY PHYSICIAN.

To the City Council:

I have the honor to present the following report of the work done in my department for the year ending December 31, 1901.

Number of calls	92
Office consultations	27
Vaccinations	271
Examinations for insanity	4

It will be noticed that there was an unusually large number of vaccinations. This is a consequence of the wholesome fear engendered by the epidemic of small-pox now sweeping over the country, together with the activity of our board of health in the matter of compulsory vaccination of school children. Through the efforts of this board probably nearly, if not quite, all of our school children now satisfy the law in this respect.

I think it worthy your notice, as tending to controvert the increasing fear of untoward effects following vaccination, that of this large number of cases, only one was sick enough to call me in consultation. This one was all right the day following my attendance. They are perfectly free from trouble to-day.

Respectfully submitted,

CHAS. H. COOK, JR.,

City Physician.

CONCORD, N. H., January 1, 1902.

CEMETERY DEPARTMENT.

REPORT OF THE COMMISSIONERS OF CEMETERIES

CONCORD, N. H., March 1, 1902.

To the City Councils of the City of Concord:

In making our annual report the commissioners of cemeteries beg leave to say that the work of the past year has consisted mainly in repairing and beautifying lots and avenues.

During the year we have laid out and provided a new block of lots in the northeast section of Blossom Hill Cemetery, and lots are being rapidly taken.

No great expense incident to grading will be incurred the coming year.

We intend to plant trees and shrubs, and in a general way beautify our already beautiful cemetery.

The burials during the past year have not been as many as some previous years. The burials in Blossom Hill Cemetery have been one hundred and twenty-six (126), and in the Old North, twenty-two (22).

We have completed the iron fence the entire length of the north line of Blossom Hill Cemetery, and consider it a great benefit to the grounds.

We have constantly called your attention to the great need of a chapel, hoping that some generous citizen would place such a memorial in Blossom Hill Cemetery. After years of waiting it seems that a realization of our hopes is near. We are reliably

informed that such a chapel will be built the coming year, by a wealthy and generous lover of Concord. Concord cannot boast of a more beautiful memorial to the dead than this will be; and your commissioners feel greatly rejoiced in being able to report the prospect of this much needed improvement.

Respectfully submitted,

JOHN E. ROBERTSON,
FRANK P. ANDREWS,
CHARLES G. REMICK,
GEORGE A. FOSTER,
FRANK J. BATCHELDER,
GEORGE O. DICKERMAN,

Commissioners of Cemeteries.

GEORGE O. DICKERMAN,

Secretary of Board.

MILLVILLE CEMETERY.

To His Honor the Mayor and City Council :

The Millville Cemetery committee respectfully submit the following report of the receipts and expenditures for the year 1901 :

RECEIPTS.

Balance from last year	\$9.69	
From city treasurer	50.00	
A. S. Smith, trust fund	5.67	
C. H. Merrill, trust fund	2.02	
M. R. Jones, trust fund	1.75	
J. McC. Hammond, trust fund	1.75	
George W. Abbott	5.00	
A. J. Kelley	3.00	
J. H. Sanders	3.50	
N. M. Stetson	2.00	
I. F. Currier	2.00	
L. S. Flanders	2.00	
E. E. Griffin	1.00	
Total	<u> </u>	\$89.38

EXPENDITURES.

Paid George W. Abbott	\$0.75	
Irving Currier	46.40	
George W. Chesley	6.00	
C. H. Martin & Co.	4.65	
A. H. Britton & Co.	14.50	
M. E. Clifford & Co.	3.22	
Otis W. Whittier	3.50	
D. B. Smith	1.50	
V. C. Hastings	6.00	
Cash to balance accounts	2.86	
Total	<u> </u>	\$89.38

FRANK G. PROCTOR,
ISAAC N. ABBOTT,
ALBERT S. TRASK,

Committee.

WEST CONCORD CEMETERY.

WEST CONCORD, N. H., January 1, 1902.

To the City Council, Concord, N. H.:

Your committee on West Concord Cemetery report for the year 1901 as follows:

Jan. 1.	Cash on hand	\$39.91	
	From sale of lots	22.00	
	For care of lots	2.00	
	Appropriation	175.00	
			<u>\$238.91</u>

EXPENSES.

Feb. 20.	C. H. Martin & Co. . . .	\$4.87	
July 27.	1 lawn mower	4.00	
Dec. 1.	Water bill	6.00	
	G. R. Parmenter	5.00	
	J. M. Crossman	5.00	
31.	W. F. Thayer	14.50	
	Pay-rolls	99.59	
	Thompson & Hoague	15.00	
	C. H. Martin & Co. . . .	39.64	
			<u>\$193.60</u>
	Balance in hands of commissioners		24.54
	Balance of appropriation		20.77
			<u>\$238.91</u>

Approved by committee,

J. M. CROSSMAN,
W. A. LITTLE.

OLD FORT CEMETERY.

Appropriation	\$25.00
Expenses	8.25
	<hr/>
Balance	\$16.75

SCOTT FRENCH,

Secretary.

PINE GROVE CEMETERY.

Appropriation	\$75.00
Received from one half sale of lots	7.50
	<hr/>
	\$82.50
Expenses	24.12
	<hr/>
Balance	\$58.38

SCOTT FRENCH,

Secretary.