

HEALTH DEPARTMENT.

BOARD OF HEALTH REPORT.

To the Board of Aldermen:

We respectfully submit the following report for the year ending December 31, 1911.

At the first regular meeting in January the board, consisting of Mayor Charles J. French, *ex-officio*, chairman, City Physician Charles H. Cook and Dr. Fred A. Sprague, organized, and Dr. Cook was re-elected secretary.

Our city was remarkably free from contagious diseases during the year. Antitoxin was used in diphtheria cases, and we feel that it was a valuable help in checking the spread of this disease. We purchased our supply of diphtheria antitoxin from Schieffelin & Co., New York, and it was furnished free to those unable to pay for it.

The rules and regulations concerning contagious diseases were changed to meet requirements and were approved by you on May 8. The school authorities were notified at the opening of schools in September that no child is entitled to attend school in Concord without a certificate of vaccination bearing the seal of this board, and we feel that this ordinance was generally complied with.

The petition of citizens living in the vicinity of the dump on Dunklee Street was referred to this board by the Board of Public Works, and we voted to notify the owner to have the rubbish covered over with clean dirt or sand. Our notice was not complied with, and the case was referred to

the city solicitor for prosecution, which resulted in the abatement of the nuisance.

We approved a list of medical and surgical supplies for an emergency case to be used in shops and other places where power machinery is used, and in compliance with the state law the proprietors of all such places were notified to provide cases at once.

Owing to illness, Dr. Cook was necessarily absent from the meetings during the fall months, and his presence was greatly missed.

For a detailed account of the work of this department your attention is called to the report of the sanitary officer.

Respectfully submitted,

CHARLES J. FRENCH, *Mayor,*

F. A. SPRAGUE,

Board of Health.

REPORT OF MILK INSPECTOR.

To the Board of Health:

GENTLEMEN,—The examinations made by the milk inspector appear in another part of the health department report: these examinations show that there has been little cause for complaint. Since the adoption of the cotton filtration method for dirt by the inspector, the examinations show progressive improvement in cleanliness, but as stated last year this test offers no assurance that dirt does not get in the milk, but rather that it is well strained before it comes to the consumer.

From time to time the supplies have been investigated for tuberculosis by the guinea-pig test and one was found to be tubercular. It is my intention to continue this test, though the test is hardly ideal but is important when positive.

The so-called "tuberculin test" for tuberculosis in cattle is of the greatest diagnostic value. The city should encourage the producers to use it, and such farms as do should receive the hearty support of the consumer. Many of the farms do now use the test, and no milk should be fed to children in a Concord home unless it comes from one of these farms with the tuberculin tested herd.

I consider the above statement important because all recent investigations of the various types of tubercle bacilli in man and animals seem to tend nearer the proof that they have a common origin.

During the year, as reports in the office show, many men without sufficient capital have started in to sell milk in our city, consequently their places have not come up to the standard of our regulations and a quick failure to remain

in business has been the result. If the department should in the future investigate all places of persons desiring to sell milk before a license is granted, these men could be headed off from entering a business for which they are not sufficiently prepared, with a saving of money for them and bother to the department.

Respectfully submitted,

CHARLES DUNCAN,

Milk Inspector.

REPORT OF THE SANITARY OFFICER.

To the Board of Health:

GENTLEMEN,—Herewith is submitted the annual report of the sanitary officer for the year ending December 31, 1911. Your attention is respectfully called to the tables attached, which show in detail the work of the department.

Our city maintained its usual sanitary condition throughout the year, and we were remarkably free from contagious diseases. Complaints were investigated and necessary action was taken to abate all nuisances. Other inspections were made as time would allow, and on numerous occasions the alleyways in the rear of the business blocks were visited. As a rule it required only a word of suggestion to the proprietors of our stores and markets and to the janitors of the different blocks to have the rubbish and objectionable matter removed at once.

Inspections were made of all the barber shops and conditions were found to be good. The barbers of the city are generally complying with all the provisions of the state law, and the shops are kept in a cleanly condition.

The conditions of Long Pond and the reservoir were noted from time to time, and samples of water were analyzed at the state laboratory with satisfactory results. In the fall, complaints were received that the water had a fishy taste and odor, but the analyses at that time showed nothing injurious.

An act to provide for the keeping of medical and surgical appliances in factories, to be enforced by the local board of health, was passed at the last session of the legislature. This law is one of importance; accidents are liable to occur at any time, and with such appliances in our

workshops aid can be given immediately to relieve the injured. Copies of the law and a list of the articles required by the board were placed in the hands of the proprietors and managers of all places where power machinery was used in which three or more persons were employed, and they were notified to procure the supplies at once. Seventy-six factories, shops, foundries and stone sheds were notified and in several instances it was found that medical and surgical supplies were already on hand for use in emergencies. I feel that this law was generally complied with.

There were 459 deaths reported to this department for the year 1911, 24 less than in 1910. The death-rate was 13.34, compared with 15.45 in 1910. The deaths of non-residents and still births are not included in reckoning our death-rate. Concord has always had an exceedingly large number of deaths of non-residents, owing to the fact that a great many of the patients and inmates of our public institutions are brought here from other places in the state. The total number of deaths in the hospitals and institutions was 219, divided as follows: New Hampshire State Hospital, 136; Margaret Pillsbury General Hospital, 58; New Hampshire Memorial Hospital, 16; New Hampshire Odd Fellows' Home, 7; New Hampshire Centennial Home for the Aged, 2.

We received reports of 95 cases of contagious diseases, 6 of which proved fatal. There were 51 cases of diphtheria, with 2 deaths; 8 cases of scarlet fever, with 1 death; 10 cases of typhoid fever, with 3 deaths, and 26 cases of measles with no fatalities. This record shows a decrease in the number of cases, but the death-rate was higher than for a number of years. In each case of scarlet fever, diphtheria and measles the house was placarded or the patient moved to the contagious disease hospital, and at the termination of all cases of diphtheria and scar-

let fever the rooms occupied by the patient were thoroughly disinfected. Rooms were also fumigated after deaths and removals of tubercular patients. The total number of deaths from tuberculosis was 29, and of this number over one-third were out-of-town inmates of our public institutions.

The formaldehyde-potassium permanganate method of fumigation was used as in former years. All the school books in Union School District and the entire Lower School building at St. Paul's School were fumigated at the end of the school year. The material for this work was furnished by the schools. In several other instances rooms were fumigated upon request for various sicknesses not of a contagious nature, and the material used in these cases was paid for by the owner.

Plumbing inspections were made as usual, water tests being applied to the new work, and peppermint tests made of old work on request.

The appropriation for our department for the year was \$2,625, and the expenses were \$2,630.58, making a deficit of \$5.58. Diphtheria antitoxin was furnished at cost to a number of families who were unable to pay the retail price, and we received \$43.70 from this source, and \$6.23 was received from the sale of fumigation supplies. These sums were deposited with the city treasurer and in considering this fact the deficit was not unreasonable.

I wish to express my thanks to His Honor the Mayor, the members of the Board of Health, the members of the city government and the city solicitor for their assistance during the year, which has been appreciated.

Respectfully submitted,

CHARLES E. PALMER,
Sanitary Officer.

EXPENDITURES OF THE BOARD OF HEALTH OF THE CITY OF
CONCORD FOR THE YEAR ENDING DECEMBER 31, 1911.

SALARIES.

Charles E. Palmer, sanitary officer, salary,	\$1,400.00
Charles Duncan, M. D., milk inspector, salary,	300.00

FUMIGATION SUPPLIES.

A. H. Knowlton & Co., formaldehyde,	15.00
A. Perley Fitch, formaldehyde and permanganate,	35.62
Jewell Drug Store, formaldehyde,	16.64
Milton & Co., hose bibb,	.75

ANTITOXIN AND MEDICAL SUPPLIES.

Schieffelin & Co., diphtheria antitoxin,	206.25
W. C. Spicer, lotion, account pediculosis,	6.75

INCIDENTAL EXPENSES.

Helen O. Monier, services,	475.00
Rumford Printing Co., mortuary reports,	24.00
New England Telephone & Telegraph Co., rental,	25.00
Charles E. Palmer, postage, car fare, etc.,	21.27
Ira C. Evans Co., printing,	57.55
Edson C. Eastman, office supplies,	4.60
Brown & Saltmarsh, new roll and cleaning type- writer,	3.50
Treworgy Ink and Pen Mfg. Co., writing fluid,	.75
Brown & Burpee, cutting board,	.60
Star Stamp Co., five rubber stamps,	.75
A. R. Andrews, typewriter ribbon,	1.75
The Gift Shop, vaccination cards and guides,	8.25

HEALTH DEPARTMENT.

207

Whitcomb & Barrows, Gould's Medical dictionary,	\$1.00
Morrill Bros., office clock,	5.00
Monitor and Statesman, advertising,	1.60
New Hampshire Patriot Co., advertising,	2.10
Horne & Hall, boards for signs,	5.11
Fletcher Prescott, painting signs,	2.50
John Dooning, burying dog,	2.00
Shepard Bros. Co., provisions, Wilson family, diphtheria,	2.45
C. O. Partridge, provisions, Anderson family, diphtheria,	4.79
	<hr/>
Total,	\$2,630.58

RECEIPTS FOR THE YEAR 1911.

Milk license fees,	\$191.70
Sale of diphtheria antitoxin,	43.70
Sale of fumigation supplies,	6.23
	<hr/>
Total,	\$241.63

CONTAGIOUS DISEASES.

The following table shows the number of contagious diseases reported during each month of the year and the deaths resulting therefrom:

MONTHS.	Diphtheria.		Scarlet fever.		Typhoid fever.		Smallpox.		Measles.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	14	1	.....	.....	1	1	.....	.....	2	.....
February.....	19	1	1	.....	.....	.....	.....	.....	15	.....
March.....	2	.....	.....	.....	2	1	.....	.....	3	.....
April.....	1	.....	4	.....	1	1	.....	.....	2	.....
May.....	4	.....	1	.....	.....	.....	.....	.....	2	.....
June.....	2	.....	.....	.....	1	.....	.....	.....	2	.....
July.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
August.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
September.....	3	.....	.....	.....	1	.....	.....	.....	.....	.....
October.....	5	.....	.....	.....	2	.....	.....	.....	.....	.....
November.....	1	.....	1	1	2	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	51	2	8	1	10	3	.....	.....	26	.....

REPORT OF CONTAGIOUS DISEASES BY WARDS.

WARDS.	1	2	3	4	5	6	7	8	9	Totals.
Diphtheria.....	1	1	19	6	1	9	10	.....	4	51
Scarlet fever...	.....	.....	2	.....	1	.....	5	.....	.....	8
Typhoid fever.	1	1	.....	.....	.....	3	3	.....	2	10
Smallpox.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Measles.....	1	.....	.....	1	2	.....	22	.....	.....	26

COMPARATIVE TABLE.

The following table contains the number of cases of contagious diseases and the deaths resulting therefrom for the years since and including 1890:

YEARS.	Diphtheria.		Scarlet fever.		Typhoid fever.		Measles.		Small-pox.		Totals.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1890.....	6	2	9	.....	17	5	6	.....	.....	.....	38	7
1891.....	12	3	7	.....	14	6	2	.....	.....	.....	35	9
1892.....	13	3	37	3	7	1	2	.....	.....	.....	59	7
1893.....	48	7	41	.....	13	2	300	.....	.....	.....	402	9
1894.....	17	3	113	6	13	3	21	.....	.....	.....	164	12
1895.....	35	8	44	8	21	3	158	.....	.....	.....	258	19
1896.....	55	8	4	.....	15	5	452	.....	.....	.....	526	13
1897.....	13	1	22	1	17	2	138	.....	.....	.....	190	4
1898.....	4	.....	8	.....	8	4	126	.....	.....	.....	146	4
1899.....	9	5	99	1	14	1	299	.....	.....	.....	421	7
1900.....	29	5	39	.....	18	1	476	1	.....	.....	562	7
1901.....	65	5	11	.....	13	3	40	.....	1	1	130	9
1902.....	29	2	6	.....	23	3	27	.....	2	.....	87	5
1903.....	42	4	39	.....	17	3	582	4	2	.....	682	11
1904.....	55	3	18	.....	12	1	31	.....	.....	.....	116	4
1905.....	15	1	80	.....	23	3	181	1	.....	.....	299	5
1906.....	14	2	27	.....	32	3	101	1	1	..	175	6
1907.....	63	2	26	1	11	.....	118	.....	.....	.....	218	3
1908.....	44	4	7	.....	6	1	100	.....	.....	.....	157	5
1909.....	131	6	23	.....	28	4	1,168	1	.....	.....	1,350	11
1910.....	30	1	10	1	16	.....	143	.....	.....	.....	199	2
1911.....	51	2	8	1	10	3	26	.....	.....	.....	95	6

NUISANCES, COMPLAINTS AND INSPECTIONS.

A statement of the number and character of the nuisances for the year 1911 appears below:

Accumulation of ashes and other rubbish,	8
Broken sewers,	2
Catch basin traps broken,	8
Collecting garbage without license,	2
Complaints made without cause,	10
Conditions in grocery stores and markets,	3
Dead animals,	21
Drains out of repair,	1
Dumping rubbish and odor from dumps,	15
Filthy barns,	2
Filthy premises,	2
Garbage cans uncovered on teams,	1
Keeping hens,	7
Keeping hogs,	14
Odor from garbage cans,	4
Odor from horse sheds,	1
Odor from manure,	5
Odor from premises,	2
Odor from privy vaults,	9
Odor from sink drains,	2
Odor from stables,	3
Odor in blocks,	4
Odor in houses,	8
Open sewers,	1
Other complaints and inspections,	38
Pediculosis,	1
Plumbing done in violation of ordinance,	1
Scabies,	1
Sewers obstructed,	1
Sinks out of repair,	4
Sinks without traps,	1

HEALTH DEPARTMENT.	211
Stagnant water,	2
Stone drains obstructed,	2
Throwing out slops and swill,	2
Water-closets out of repair and in uncleanly condition,	11
	<hr/>
Total,	199

INSPECTION OF PLUMBING.

Plumbing permits granted,	113
Number of inspections made,	226
Water-closets put in,	177
Sinks put in,	83
Bath-tubs put in,	118
Wash-bowls put in,	129
Wash-trays put in,	35
Urinals put in,	2
Foot baths put in,	2
Soda fountains put in,	1
Bar fixtures put in,	1
Number of sewers inspected,	54

FUMIGATION.

Rooms fumigated,	447
Schoolrooms fumigated,	24
School buildings fumigated,	2
Wards at hospitals fumigated,	12
Cellars fumigated,	15
Closets fumigated,	12
Attics fumigated,	2
Hallways fumigated,	4
Barns fumigated,	1
Privy vaults fumigated,	1
Books and pieces of clothing fumigated, .	14

REPORT OF MILK EXAMINATIONS AND INSPECTION OF
MILK FARMS.

Number of milk examinations made,	176
Number of examinations above standard,	173
Number of samples dirty,	2
Number of samples for tuberculosis found positive,	1
Number of teams inspected,	14
Number of milk farms inspected,	19
Conditions good,	14
Conditions fair,	4
Conditions poor,	1
Notices and recommendations sent,	7

SUMMARY.

Houses placarded in cases of contagious diseases,	28
Placards removed,	28
Visits made to contagious diseases,	239
Burial permits issued,	459
Burial permits issued for interment of bodies brought here,	108
Transit permits issued,	188
Number of persons to whom milk licenses were issued,	181
Number of persons to whom garbage licenses were issued,	59
Number of reports of contagious diseases sent to the state board of health,	49
Number of reports sent to the surgeon-general, public health and marine-hospital service,	52
Number of mortuary reports issued,	912
Number of vaccination certificates issued to school children,	1,167

HEALTH DEPARTMENT.

213

Number of permits issued for children to return to school after recovery from contagious diseases,	87
Number of samples of water collected for analysis,	2
Number of inspections of barber shops,	18

Respectfully submitted,

CHARLES E. PALMER,

Sanitary Officer.

DEATHS DURING 1911, BY SEX, CONDITION AND
NATIVITY, BY MONTHS.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
SEX.													
Males.....	20	17	22	14	23	20	25	28	16	17	18	22	242
Females.....	20	14	19	11	18	13	19	21	20	21	18	23	217
CONDITION.													
Married.....	14	12	12	7	16	14	23	14	19	13	15	21	180
Single.....	12	12	14	13	17	9	11	20	7	19	14	11	159
Widowed.....	11	7	12	5	7	9	8	15	9	5	5	11	104
Divorced.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	3
Not stated.....	2	.....	2	...	1	1	2	.....	1	1	1	2	13
NATIVITY.													
Concord.....	5	13	9	11	14	8	7	15	7	11	12	14	126
New Hampshire.....	17	8	18	10	14	9	11	17	15	10	12	14	155
Other states.....	8	5	7	1	8	7	11	5	6	4	4	3	69
Foreign.....	7	5	5	2	4	7	12	8	8	11	7	8	84
Not stated.....	3	.....	2	1	1	2	3	4	.....	2	1	6	25

HEALTH DEPARTMENT.

215

DEATHS BY AGE.

Under 1 year,	62
From 1 to 5 years,	12
From 5 to 10 years,	6
From 10 to 15 years,	2
From 15 to 20 years,	5
From 20 to 30 years,	26
From 30 to 40 years,	31
From 40 to 50 years,	46
From 50 to 60 years,	62
From 60 to 70 years,	72
From 70 to 80 years,	82
From 80 to 90 years,	40
From 90 to 100 years,	10
Over 100 years,	1
Not stated,	2
	<hr/>
Total number of deaths,	459

DEATHS REPORTED BY WARDS AND PUBLIC INSTITUTIONS.

12 MONTHS.	WARDS.												New Hampshire State Hospital.	Margaret Pillsbury General Hospital.	New Hampshire Memorial Hospital.	New Hampshire Odd Fellows Home.	N.H. Centennial Home for the Aged.	New Hampshire State Prison.	Unknown.	Totals.
	1	2	3	4	5	6	7	8	9											
January	1	.....	.....	6	2	1	4	1	.....	15	7	1	1	1	.....	.....	.....	40
February	2	.....	2	1	2	6	3	2	2	6	3	.....	.....	.....	.....	.....	.....	31
March .....	.....	1	1	2	5	8	2	.....	3	12	7	.....	.....	.....	.....	.....	.....	41
April	2	.....	.....	4	4	2	1	1	3	6	1	.....	.....	.....	.....	.....	.....	25
May	2	.....	1	6	.....	3	6	5	2	8	2	.....	.....	.....	.....	.....	.....	41
June .....	.....	.....	.....	4	.....	5	3	2	4	10	4	.....	.....	.....	.....	.....	.....	33
July	1	.....	1	3	2	1	4	1	1	16	11	1	.....	.....	.....	.....	.....	44
August .....	.....	1	4	1	2	7	10	2	4	12	5	.....	.....	.....	.....	.....	.....	49
September	1	2	.....	4	2	2	1	2	1	14	4	.....	.....	.....	.....	.....	.....	36
October	5	.....	1	3	1	3	6	1	1	12	4	.....	.....	.....	.....	.....	.....	38
November	4	1	1	4	1	1	5	1	1	12	4	.....	.....	.....	.....	.....	.....	36
December	1	1	.....	4	2	3	4	3	3	13	6	.....	.....	.....	.....	.....	.....	45
Totals	19	6	11	42	23	42	49	21	25	136	58	16	7	2	.....	.....	.....	459

MORTALITY REPORT.

PUBLIC PARKS.

REPORT OF PARK COMMISSIONERS.

To the City Council:

The park commissioners present herewith their report for the year ending December 31, 1911:

RECEIPTS.

General appropriation,	\$3,500.00	
For Penacook Park,	125.00	
	<hr/>	\$3,625.00
Unexpended,		44.70
		<hr/>
		\$3,580.30

EXPENDITURES.

Salary of superintendent,	\$1,080.00
---------------------------	------------

WHITE PARK.

Paid for labor,	\$890.12	
labor on ice,	43.75	
labor removing moths,	95.50	
shrubs,	19.75	
repairs,	57.63	
tools and fertilizers,	119.08	
iron fence,	362.50	
city water,	15.00	
miscellaneous,	80.97	
	<hr/>	\$1,684.30

PUBLIC PARKS. 235

ROLLINS PARK.

Paid for labor,	\$495.75	
trees and shrubs,	29.75	
repairs,	8.52	
tools, etc.,	8.76	
city water,	10.00	
miscellaneous,	45.05	
	<hr/>	\$597.83

PENACOOK PARK.

Paid for labor,		90.17
-----------------	--	-------

BRADLEY PARK.

Paid for labor,	\$30.00	
city water,	4.00	
	<hr/>	34.00

FISKE PARK.

Paid for labor,		29.00
-----------------	--	-------

RIDGE AVENUE PARK.

Paid for labor,		14.00
-----------------	--	-------

PECKER PARK.

Paid for labor,		11.00
-----------------	--	-------

COURT HOUSE PARK.

Paid for labor,		40.00
		<hr/>
		\$3,580.30

Mr. Richardson, who had served as superintendent for nearly eighteen years, was compelled to give up his work on account of ill health, and in May the board accepted his resignation. Under his hands the park system of the city had developed in a large measure, and it was with regret that the services of so faithful a man were relinquished.

Mr. Frank Atkinson, who came to us highly recommended and who has had many years of experience in Park work, has taken up the work in a commendable way, so that there has been no break in the progress.

The same conditions obtain as in former years. The very dry weather was disastrous to many of the shrubs and trees, and the extra expense of caring for the trees has been large. It is planned to extend the iron fence along Center Street at White Park and install a drinking fountain. The springs, having been condemned by the Board of Health, were closed so that no place was available to the public for cold drinking water. Plans have been suggested and the lack will be remedied as soon as possible. The necessary work of renewal of lawns, the care of paths and shrubbery is constantly being attended to, which care and maintenance preclude any great amount of new work with the funds appropriated. The superintendent has been carefully trimming the trees along the lines of up-to-date forestration, and it is the desire of the commissioners to keep the number of trees intact by planting from year to year.

The grounds at White Park which are devoted to sports have been used as last year with games of baseball, which have attracted large crowds.

At Rollins Park some renewal of lawns and trimming of trees will be considered the coming year. The live stock seems to be in a prosperous condition. The care of

the parks has been maintained and the commissioners hope in the near future that more constructive work can be prosecuted.

CHARLES J. FRENCH, *Mayor, ex officio,*
WILLIS D. THOMPSON,
GARDNER B. EMMONS,
WILLIAM P. FISKE,
WILLIS G. C. KIMBALL,
BENJAMIN C. WHITE,
Commissioners.

CITY OF CONCORD.

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	*\$37,550.70	\$2,250.00	\$1,022.50	\$2,100.00	\$57,574.58	\$62,947.08	23½ 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 The city made addition to original gift, paying therefor \$2,100.
ROLLINS PARK, gift in part of citizens of Concord	1892	*6,350.00	.....	192.50	{ 2,000.00 1,250.00 3,307.50	13,733.53	20,483.53	25 acres.	Rollins Park. The city has made addition to original gift, paying \$6,557.50 therefor.
PENACOOK PARK	1883	1,931.80	.....	.....	.....	2,114.84	2,114.84	.....	Penacook Park, on the shore of Penacook Lake, came under control of the Park Commissioners in 1892. City had charge before, and has spent from commencement of work in 1883, an additional sum of \$4,444.13.
BRADLEY PARK	1896	*1,050.72	.....	.....	.....	1,522.84	1,522.84	½ acre.	
RIDGE AVENUE PARK, gift of the West End Syndicate	1898	*182.10	.....	.....	.....	357.78	357.78	½ acre.	
FISKE PARK	1901	*230.00	.....	.....	.....	569.11	569.11	½ acre.	
PECKER PARK	1905	200.00	331.08	.....	.....	471.08	471.08	.....	A small piece of land in East Concord was developed and was paid for by a gift of \$200 from J. Eastman Pecker, and named Pecker Park, to which he has added \$160.96 for sundial and other improvements.
COURT-HOUSE PARK	1905	\$47,435.32	\$2,331.08	\$1,215.00	\$8,657.50	\$76,723.85	\$88,851.35	1 acre.	

* Appropriation for main system, \$3,500.

THE YEARLY APPROPRIATIONS.

APPROPRIATIONS.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	*1903.
White Park	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,800.00	\$2,500.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,250.00	\$3,250.00	\$2,850.00	\$1,500.00	\$2,250.00	\$2,500.00	\$2,000.00	\$2,500.00
Rollins Park .....	.....	.....	.....	.....	.....	.....	.....	.....	1,000.00	1,000.00	750.00	650.00	400.00	400.00	800.00	600.00	750.00
Penacock Park .....	.....	.....	.....	.....	.....	.....	.....	.....	100.00	100.00	100.00	75.00	75.00	100.00	75.00	200.00	100.00
Bradley Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	550.00	175.00	75.00	25.00	40.00	40.00	40.00	45.00
Ridge Avenue Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100.00	25.00	25.00	25.00
Fiske Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200.00	.....	30.00
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	162.24	.....	.....	.....	70.00	120.20	116.95	.....	116.65	.....	122.00	.....	.....	.....	.....	.....
Rollins Park .....	.....	.....	.....	.....	.....	.....	.....	.....	103.55	30.50	.....	.....	.....	.....	.....	.....	.....
FOR LAND PURCHASED.																	
White Park .....	.....	.....	.....	.....	700.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rollins Park .....	.....	.....	.....	.....	.....	.....	2,000.00	.....	.....	.....	.....	1,400.00	.....	.....	.....	.....	.....
	\$3,442.96	\$1,162.24	\$1,000.00	\$1,000.00	\$2,500.00	\$2,570.00	\$5,120.20	\$3,116.95	\$4,203.55	\$5,097.15	\$4,275.00	\$5,172.00	\$2,000.00	\$4,140.00	\$3,640.00	\$2,865.00	\$3,450.00

* Appropriations, 1904: Main park system, \$3,500; Penacock Park, \$276.72; extra, Rollins Park, deer enclosure.
 * Appropriations, 1905: Main park system, \$3,500; Penacock Park, \$200.
 * Appropriations, 1906: Main park system, \$3,500; Penacock Park, \$125; Pecker Park, \$131.08; to cover deficit, 159.43.
 * Appropriations, 1907: Main park system, \$3,500; Penacock Park, \$150; Pecker Park, \$16; to cover deficit, \$12.20.
 * Appropriations, 1908: Main park system, \$3,500; Penacock Park, \$125; for gateway, White Park, \$723.34; deficit, \$77.93.
 * Appropriations, 1909: Main park system, \$3,500; Penacock Park, \$110.96; deficit, \$24.07.
 * Appropriations, 1910: Main park system, \$3,500; Penacock Park, \$125; unexpended, \$9.93.
 * Appropriations, 1911: Main park system, \$3,500; Penacock Park, \$125; unexpended, \$44.70.

CONSTRUCTION AND MAINTENANCE.

EXPENDITURES.	1889 to 1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.	1911.
White Park	\$20,264.35	\$3,416.35	\$3,344.58	\$2,982.60	\$1,677.73	\$2,193.49	\$2,424.60	\$2,008.46	\$2,743.94	\$2,618.35	\$2,274.95	\$1,717.86	\$1,497.31	\$2,169.51	\$1,665.59	\$1,640.11	\$1,684.30
Rollins Park	942.35	1,002.86	983.84	636.60	387.09	385.04	764.87	739.25	755.54	1,159.05	1,004.93	650.85	741.31	764.07	777.98	600.22	587.83
Penacook Park	84.63	94.15	103.72	80.81	77.66	111.16	88.08	238.16	109.32	224.79	185.05	144.62	115.74	128.79	110.96	118.22	90.17
Bradley Park .....	.....	550.00	218.73	78.25	44.50	39.52	34.72	42.14	44.07	55.29	80.05	57.44	68.37	62.26	54.00	50.50	34.00
Ridge Avenue Park.	.....	.....	.....	.....	.....	89.82	42.28	29.14	31.83	21.88	37.70	20.80	15.93	14.00	16.00	22.50	14.00
Fiske Park .....	.....	.....	.....	.....	.....	.....	199.61	*	28.80	47.15	44.75	46.38	51.89	32.37	45.25	44.00	29.00
Pecker Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28.77	25.47	32.25	17.88	11.00
Court House Park ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44.62	151.80	33.00	41.64	40.00
Land purchased	2,700.00	.....	.....	1,400.00	.....	1,250.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Superintendent .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	\$23,991.63	\$5,153.36	\$4,650.37	\$5,173.26	\$2,186.98	\$4,069.03	\$3,534.16	\$3,057.15	\$3,713.59	\$4,126.51	\$6,186.96	\$3,915.51	\$3,643.94	\$4,428.27	\$3,635.03	\$3,615.07	\$3,580.30

* Fiske Park, completed by private contribution at an expense of over \$300.
 † The superintendent's salary hereof has been added into general expenditures.
 ‡ The cost of the new gateway, \$725.34 included.

FIRE DEPARTMENT.

REPORT OF CHIEF ENGINEER.

To the Honorable Mayor and Board of Aldermen:

In accordance with the requirements of the city ordinance, I herewith submit for your consideration the report of the Fire Department for the year 1911. The department responded to 95 bell alarms and 219 still alarms. In addition one fire occurred in West Concord for which no alarm was given.

	Bell.	Still.	No alarm.	Total.
Precinct,	62	183		245
Penacook,	13	11		24
East Concord,	7	14		21
West Concord,	13	11	1	25
	<hr/>	<hr/>	<hr/>	<hr/>
	95	219	1	315

This report will be found to contain statements in detail embracing the amount of expenditures, a complete roll of the department with residence and occupation of each member, a record of all fires and alarms which have occurred during the year and the causes thereof as nearly as could be ascertained, with the names of the owners or occupants and the value, loss, insurance, and insurance recovered in each case.

The department responded to more alarms than ever before in a single year. There was but one particularly dangerous fire, that of December 7, and as conditions

were favorable, the outcome was fortunate. The forest fires of the year taxed the resources of the department to the limit, besides costing more than one thousand dollars in efforts to extinguish.

The apparatus is in good condition and no extensive repairs were required during the year.

The fire-alarm telegraph systems of the city proper and Penacook are in good condition.

It was found necessary to renew the battery elements of the latter in December. The department purchased 800 feet of 2½-inch hose and relined 1,300 feet.

Two horses were purchased for use at the Central Station and one hand engine was purchased for use at West Concord. Two horses were sold to the highway department. I can but repeat the recommendations of last year relative to motor-driven apparatus. The opinion expressed by the fire department officials of the country warrants the belief that the automobile is to take the place of the horse as surely as the steam fire engine displaced the hand engine.

I respectfully recommend the purchase of 1,000 feet of 2½-inch hose and the installation of two fire-alarm boxes in the northwest section of the city.

These boxes were recommended in the report of last year, but the abnormal expense attending the subduing of forest fires prevented their installation.

There are but two one-horse hose wagons in the city proper at present, and I respectfully recommend the conversion of both into two-horse wagons.

To accomplish this at the Central Station the purchase of one horse would answer all requirements.

At the Alert Station some not very expensive changes would have to be made in the stall arrangement in addition to the purchase of one horse. But in the latter case the investment would be a paying one, as in bad weather

the hiring of extra man and horse, compulsory at present, would be obviated.

The complement of hose in these wagons would then be 1,000 feet instead of 800 feet, as at present, and the runs would be made faster.

During the month of September I had the pleasure of attending the convention of the International Association of Fire Engineers held at Milwaukee, Wis., a report of which I rendered at that time.

It was a rare opportunity to learn something relative to motor-driven apparatus, which was availed of to the letter, and I was sincerely grateful for the privilege afforded.

Respectfully submitted,

W. C. GREEN,
Chief Engineer.

APPROPRIATIONS.

Appropriation,	\$24,109.50	
Joint resolution, horses,	600.00	
hand engine,	200.00	
relining hose,	509.00	
outstanding claims,	1,672.99	
		————— \$27,091.49

DISBURSEMENTS.

Permanent men,	\$7,890.00
Vacations,	821.15
Rent, Veterans' Association,	150.00
Call men,	7,280.00
Forage,	1,731.99
Fuel,	886.57
Lights,	704.57

Incidentals,	\$2,998.10
Horse shoeing,	325.90
Horses purchased,	600.00
Horse hire,	970.25
Laundry,	52.00
Fire alarm,	753.92
Supplies, chemical engine,	52.07
Hose,	800.00
Water,	119.50
House man,	80.00
Penacook fire alarm,	166.47
Hand engine,	200.00
Relining hose,	509.00
	————— \$27,091.49

ALARMS.

PRECINCT.

11-11-2. January 5, 10.10 p. m. A call for assistance from East Concord. Detail from the department, Kearsarge engine and Eagle wagon sent under command of Engineer W. J. Coffin. Engine worked three hours. For details see East Concord report: Twelve hundred and fifty feet of hose wet.

STILL. January 9, 9.21 p. m. Chimney fire in residence of George Turcotte, 8 Bowery Avenue. Extinguished by Chemical Company. No loss.

STILL. January 10, 8.16 p. m. Chimney fire in residence of M. H. Johnson, 141 Dunklee Street. Extinguished by Chemical Company. No loss.

STILL. January 15, 6.02 p. m. Chimney fire in residence of Joseph Broucher, 80 Broadway. Extinguished by Chemical Company. No loss.

11-11. January 16, 4.04 a. m. A call for assistance

from Plymouth. Governor Hill engine, reserve reel and detail from the department sent under command of Engineer John J. McNulty. Apparatus was not unloaded, but the detail relieved the Plymouth men on the hose lines, giving them a much needed rest. Detail arrived home at 11.00 a. m.

STILL. January 16, 7.00 a. m. Chimney fire in residence of Mrs. G. H. Stickney, 16 Prince Street. Extinguished by Chemical Company. No loss.

STILL. January 16, 8.27 a. m. Chimney fire in unoccupied residence, 7 Pearl Street. Painters employed there had built a fire in stove. Extinguished by Chemical Company. No loss.

STILL. January 16, 12.56 p. m. Chimney fire in residence of Mrs. J. H. Pendergast, 48½ School Street. Extinguished by Chemical Company. No loss.

STILL. January 17, 10.38 a. m. Chimney fire in residence of Edward Blake, 17 Dakin Street. Extinguished by Chemical Company. No loss.

STILL. January 18, 6.35 a. m. Chimney fire in residence of Patrick Welch, rear 37 Thorndike Street. Extinguished by Chemical Company. No loss.

STILL. January 19, 6.17 a. m. Chimney fire in residence of John Baker, 3 Marshall Street. Extinguished by Chemical Company. No loss.

STILL. January 20, 10.44 a. m. Chimney fire in residence of L. Pickering, Iron Works Road. Extinguished by Chemical Company.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$3,500.00	\$15.00	\$2,300.00	\$15.00

STILL. January 20, 6.00 p. m. Slight fire in office building owned and occupied by B. & M. R. R. Located in railroad yard southeast of passenger station. Cause

unknown. Extinguished by railroad employees and Chemical Company.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$1,500.00	\$15.00	\$1,500.00	None.

STILL. January 25, 6.15 p. m. Chimney fire in residence of U. C. Rowen, 105 School Street. Extinguished by Chemical Company. No loss.

STILL. January 25, 9.07 p. m. Chimney fire in residence of Mrs. N. F. Blaisdell, 9 Harrod Street. Extinguished by members of Alert Company. No loss.

STILL. January 27, 11.48 a. m. Chimney fire in residence of B. L. Blackwood, 29 Lyndon Street. Extinguished by Chemical Company.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$4,500.00	\$12.50	\$3,500.00	\$12.50

STILL. January 28, 7.35 a. m. Chimney fire in residence of Fred Touisagnant, 13 Perkins Court. Extinguished by Chemical Company. No loss.

STILL. January 28, 12.09 p. m. Chimney fire in residence of Frank Ash, 22 Stone Street. Extinguished by Chemical Company. No loss.

STILL. January 28, 8.26 p. m. Chimney fire in residence of R. W. Marshall, 246 North State Street. Extinguished by Chemical Company. No loss.

STILL. January 30, 6.00 p. m. Chimney fire in residence of George H. Abbott, 63 School Street. Extinguished by Chemical Company. No loss.

STILL. February 1, 5.49 p. m. Chimney fire in residence of B. R. Edelstern, 20 Broadway. Extinguished by Chemical Company. No loss.

2-2-2. February 2, 11.30 a. m. School signal.

STILL. February 3, 5.15 p. m. Chimney fire in resi-

dence of Miss Annie Galligan, 9 Prince Street. Extinguished by Chemical Company. No loss.

STILL. February 4, 3.54 a. m. Chimney fire in Eagle stable, rear 110 North Main Street. Extinguished by Chemical Company. No loss.

STILL. February 6, 8.39 a. m. Chimney fire in residence of Guy Jewett, 65 Perley Street. Extinguished by Chemical Company. No loss.

STILL. February 6, 8.42 a. m. Chimney fire in residence of L. J. Bean, 84 South State Street. Chemical Company being in service, detail from Central Station sent with Chief's sleigh. No loss.

STILL. February 6, 10.42 a. m. Chimney fire in residence of C. F. Cook, 10 Pine Street. Extinguished by Chemical Company. No loss.

Box 48. February 7, 10.45 a. m. Fire in residence, 31 Laurel Street, owned and occupied by Eugene Sullivan. Caused by child setting couch afire with matches. Extinguished with pony extinguishers. Recall, 10.53 a. m.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$2,000.00	\$28.50	\$1,200.00	\$28.50
Contents,	800.00	30.00	None.	None.

2-2-2. February 7, 11.30 a. m. School signal.

STILL. February 8, 1.07 p. m. Chimney fire in residence of F. L. Potter, 194 North State Street. Extinguished by Chemical Company. No loss.

STILL. February 12, 7.38 a. m. Fire in residence 53-55 Warren Street, owned by Mrs. Hattie Cushing and occupied by owner and Charles E. Tenney. Fire originated on the second floor of the Tenney residence. Caused by roomer swinging lighted gas burner against the wall. Chemical Company responded but as the fire had worked into the partitions, an alarm was sent in from Box 34. See next alarm.

Box. 34. February 12, 7.44 a. m. Box pulled for preceding fire; 1,300 feet of hose wet. Recall, 8.40 a. m.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$6,000.00	\$323.96	\$4,500.00	\$323.96
Contents:				
Mrs. H. Cushing,	2,500.00	53.50	1,700.00	53.50
C. E. Tenney,	1,000.00	90.00	650.00	90.00
C. J. Sawyer.	225.00	125.00	None.	None.

STILL. February 15, 6.04 p. m. Chimney fire in residence of F. L. Gillette, 11 Wall Street. Extinguished by Chemical Company. No loss.

STILL. February 18, 7.55 a. m. Fire in basement of residence 38 North Fruit Street, owned and occupied by Joseph Audette. Caused by children and matches. Extinguished by Chemical Company.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$1,500.00	\$6.07	\$1,000.00	\$6.07

STILL. February 27, 7.04 p. m. Chimney fire in residence of Mrs. John O'Neil, 8 Waverly Street. Extinguished by Chemical Company. No loss.

STILL. March 1, 3.35 p. m. Fire on roof of Concord Coal Company plant, Bridge Street. Caused by sparks from smoke stack. Extinguished by Chemical Company. Loss trifling. No claim filed.

STILL. March 1, 4.13 p. m. Fire in unoccupied building east of Water Street, owned by Capt. J. W. Sullivan. Bill board attached to building damaged. Owned by Charles F. Batchelder. Cause unknown. Extinguished by Chemical Company.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	None.	None.	None.	None.
Bill board,	\$56.00	\$14.00	None.	None.