

BELL. December 3, 9.55 a. m. Fire on roof of residence 441 North State Street owned by Louis A. Engel. Caused by sparks from preceding fire. Assistance sent from Precinct. Five hundred feet of hose wet by local company, five hundred and fifty feet by Precinct companies.

	Value.	Loss.	Ins.	Ins. Paid.
Building,	\$2,000.00	*\$568.00	\$2,000.00	\$568.00

STILL. December 11, 5.50 p. m. Chimney fire in residence of W. E. Lynch, 446 North State Street. No loss.

SUMMARY, 1919.

Buildings:	Value.	Loss.	Ins.	Ins. Paid.	Net Loss.
Precinct,	\$410,270.00	\$8,413.26	\$249,603.72	\$7,793.26	\$620.00
Penacook,	3,000.00	2,188.87	2,200.00	2,188.87	.....
East Concord,	2,800.00	240.00	1,500.00	75.00	165.00
West Concord,	4,200.00	2,768.00	2,000.00	568.00	2,200.00
	\$420,270.00	\$13,610.13	\$255,303.72	\$10,625.13	\$2,985.00
Contents:					
Precinct,	\$150,545.00	\$40,732.62	\$47,150.00	\$40,687.62	\$45.00
Penacook,	2,150.00	575.00	400.00	175.00	400.00
East Concord,	1,000.00	12.50	400.00	7.50	5.00
West Concord,	2,300.00	2,300.00	500.00	500.00	1,800.00
	\$155,995.00	\$43,620.12	\$48,450.00	\$41,370.12	\$2,250.00
Buildings,	420,270.00	13,610.13	255,303.72	10,625.13	2,985.00
	\$576,265.00	\$57,230.25	\$303,753.72	\$51,995.25	\$5,235.00

APPARATUS AND FORCE.

The apparatus and force of the department is as follows:

Precinct, located at the Central Fire Station, one first-class Amoskeag engine, "Eagle," and one 750-gallon Ahrens-Fox motor-driven combination pumping engine and hose car, attached to Eagle Steam Fire Engine Company (15 men); one second-class Amoskeag engine, "Kearsarge," and auto-combination car, attached to the Kearsarge Steam Fire Engine Company (13 men); one second-class

* Exposure loss.

Amoskeag engine, "Governor Hill," relief engine, in charge of an engineer and fireman; and one auto-combination car in charge of four permanent men; one ladder truck, "City of Concord," attached to Hook and Ladder Company (21 men); one house man at Central Fire Station. There are six horses kept at this station. There are eleven permanent men located at the Central Fire Station and one permanent man at each fire station within the precinct, one permanent man at Pioneer Station, Penacook, and one permanent man at Cataract Station, West Concord.

The Alert Hose Company (11 men), located on Washington Street, has an auto-combination car, with permanent man.

The Good Will Hose Company (11 men), located on the corner of Concord and South State Streets, has an auto-combination car with permanent man.

Veterans' Auxiliary Company (30 men).

One hook and ladder truck, one chemical engine, one hand engine and four wagons in reserve.

The "Pioneer" Engine Company, No. 3 (28 men), at Penacook, has a third-class Metropolitan engine, with two hose wagons and one auto-combination car with permanent man.

The Cataract Company (30 men), at West Concord, has a modern hose wagon and auto-combination car with permanent man.

Old Fort (30 men), East Concord, has a 4½-inch cylinder Hunneman hand engine and hand ladder truck, and one hand-drawn chemical engine, 50-gallon, single tank, and one auto-combination car.

HOSE.

Precinct,	11,450	feet	cotton,	rubber	lined.
Penacook,	3,200	"	"	"	"
West Concord,	1,400	"	"	"	"
East Concord,	500	"	"	"	"
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	16,550	"	"	"	"

ROLL OF THE FIRE DEPARTMENT, 1919.

Permanent Chief Engineer.

WILLIAM C. GREEN, Office, Central Fire Station.

Assistant Engineers.

PRECINCT.

WALTER J. COFFIN, 1st Asst., Shipping clerk, 60 Pleasant Street.
 SYLVESTER T. FORD, 2d Asst., Molder, 41 So. Main Street.
 WALTER J. COFFIN, Clerk of the Board.

WARD 1.

FRED M. DODGE, Electrician, 61 Merrimack Street.

WARD 2.

C. E. ROBINSON, Clerk, Penacook St., East Concord.

WARD 3.

GEORGE W. KEMP, Overseer, 16 Fisher St., West Concord.

**KEARSARGE STEAM FIRE ENGINE AND HOSE
COMPANY, NO. 2.**

OFFICERS.

J. EDWARD MORRISON, *Captain.* CHARLES POWELL, *Lieutenant and Clerk.*
 JAMES H. SANDERS, *Engineer and Treasurer.*

MEMBERS.

<i>Badge Nos.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
1	J. Edward Morrison,	Machinist,	8 Thorndike Street.
2	Charles Powell,	Machinist,	75 Centre Street.
3	James H. Sanders,	Carriage painter,	45 Perley Street.
4	George B. Davis,	Carriage painter,	32 Pleasant Street.
5	Herbert M. Sanders,	Cashier,	35 Warren Street.
6	Harry P. Blake,	Machinist,	12 Hanover Street.
7	Harry B. Messer,	Machinist,	3 Broadway.
8	W. C. B. Saltmarsh,	Carriage Trimmer,	4 Grove Street.
9	George L. Livingston,	Gas inspector,	57 Franklin Street.
10	Everett D. Davis,	Machinist,	61 Washington Street.
11	Frank E. Hudson,	Machinist,	90 Warren Street.
12	Roger E. Strong,	Printer,	11 South Spring Street.
13	Daniel F. Murphy,	Chauffeur,	Central Station.

EAGLE STEAM FIRE ENGINE AND HOSE COMPANY, NO. 1.

OFFICERS.

J. C. MCGILVRAY, *Captain.*D. J. ADAMS, *Lieutenant and Clerk.*

MEMBERS.

Badge

<i>Nos.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
18	John C. McGilvray,	Jig-sawyer,	9 Pearl Street.
19	David J. Adams,	Janitor,	107 North Main Street.
20	Charles H. Sanders,	Machinist,	11 Chapel Street.
23	John M. Inman,	Custodian,	16 Wall Street.
24	John B. McLeod,	Electrician,	5 Rumford Street.
25	Willis J. Sawyer,	Machinist,	102 South State Street.
22	Eli Langlois, Jr.,	Painter,	5 Perry Avenue.
27	Philip J. O'Connell,	Silversmith,	59 North Main Street.
21	Charles W. Downing,	Clerk,	12 South Street.
29	Fred J. Johnston,	Gas fitter,	10 Abbott Street.
28	James H. Brannigan,	Car worker,	102 Rumford Street.
26	Raymond L. Galfetti,	Gas fitter,	42 North State Street.
13	H. E. Drew,	Chauffeur,	Central Fire Station.
30	C. Cunningham,	Chauffeur,	Central Fire Station.

GOVERNOR HILL STEAMER, NO. 4.

RELIEF ENGINE.

Badge

<i>Nos.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
34	Elmer H. Farrar, <i>Engineer,</i>	Machinist,	78 South State Street.
35	Henry O. Powell, <i>Fireman,</i>	Blacksmith,	81 South State Street.

ALERT HOSE COMPANY, NO. 2.

OFFICERS.

C. C. CHESLEY, *Captain.*J. M. DAVIS, *Lieutenant and Clerk.*E. E. BARTLETT, *Treasurer.*

MEMBERS.

Badge

<i>Nos.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
36	C. C. Chesley,	Carpenter,	11 Prince Street.
37	J. M. Davis,	Blacksmith,	4 Tahanto Street.
39	C. J. French,	Mayor,	5 Perkins Street.
40	C. H. Rowell,	Carpenter,	5 Abbott Court.
45	M. G. Davis,	Carpenter,	6 Beacon Street.
41	J. E. Howard,	Painter,	171 North State Street.
38	E. E. Bartlett,	Carpenter,	13 Prince Street.
43	F. G. White,	Laborer,	12 Montgomery Street.
44	H. D. Gay,	Tinsmith,	17 Green Street.
42	F. C. Young,	Signal man,	109 Rumford Street.
46	F. H. Silver,	Chauffeur,	Alert Station.

GOOD WILL HOSE COMPANY, NO. 3.

OFFICERS.

HIRAM T. DICKERMAN, *Captain.* FRANK S. PUTNAM, *Lieutenant and Clerk.*
ALBERT W. THOMPSON, *Treasurer.*

MEMBERS.

<i>Badge Nos.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
50	Hiram T. Dickerman,	Master painter,	36 Broadway.
51	Frank S. Putnam,	Carpenter,	15 Perley Street.
55	Henry H. Ash,	Machinist,	23½ Perley Street.
57	Albert W. Thompson,	Janitor,	74 Allison Street.
58	Harry L. Peacock,	Painter,	36 Warren Street.
59	Herbert F. Ferrin,	Electrician,	104 South State Street.
54	John W. McGowan,	Plumber,	Good Will Station.
56	J. E. Cochran,	Molder,	38 Downing Street.
52	E. W. Burgess,	Barber,	71 North State Street.
53	P. H. Flanders,	Carpenter,	7½ Depot Street.
60	William T. Happny,	Chauffeur,	Good Will Station.

CITY OF CONCORD HOOK AND LADDER COMPANY, NO. 1.

OFFICERS.

WILL A. KING, *Captain.* ED. E. LANE, *Lieutenant and Clerk.*

MEMBERS.

<i>Badge Nos.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
64	Will A. King,	Machinist,	38 Franklin Street.
65	Ed. E. Lane,	Wood-worker,	5 Fremont Street.
67	Benjamin Ouillette,	Wood-worker,	10 Jefferson Street.
68	Henry V. Tittimore,	Teamster,	57 Dunklee Street.
69	Lucius D. Caldon,	Wood-worker,	13 West Street.
70	George W. Grover,	Wood-worker,	29 Thorndike Street.
71	Daniel Crowley,	Coachman,	130 Warren Street.
72	Stephen P. Foster,	Wood-worker,	14 Wall Street.
73	Sam B. Morgan,	Wood-worker,	10 Avon Street.
74	Bion W. Hall,	Carpenter,	15 Humphrey Street.
75	Edwin H. French,	Wood-worker,	30 Green Street.
77	Ned E. Herrin,	Carpenter,	Ins. Bk., School Street.
79	Louis Cote,	Carpenter,	34 Downing Street.
80	Clarence L. Clark,	Clerk,	71 South Street.
81	Bert J. Heath,	Wood-worker,	25 Washington Street.
82	William H. Reagan,	Steam fitter,	37 South Main Street.
83	Harry Leary,	Plumber,	22 Fremont Street.
76	Bert T. Upham,	Machinist,	25 Thorndike Street.
78	Earl W. Gage,	Carpenter,	8 Charles Street.
66	James F. Byrne,	Gas fitter,	11 Washington Street.
84	A. J. Ladd,	Permanent driver,	Central Station.

COMBINATION COMPANY, NO. 1.

OFFICERS.

M. S. WAKEFIELD, *Captain.*M. J. MARTIN, *Lieutenant and Clerk.*

MEMBERS.

<i>Badge Nos.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
91	M. S. Wakefield,	Captain,	Central Station.
92	M. J. Martin,	Lieutenant,	Central Station.
93	M. R. Piper,	Chauffeur,	Central Station.
94	J. H. Brunel,	Chauffeur,	Central Station.
SPARE MEN.			
95	H. E. Kendall,		Central Station.
96	George H. Eastman,		Central Station.

HOUSE MAN,
A. L. Downing.

PIONEER STEAM FIRE ENGINE COMPANY, NO. 3.

Penacook.

OFFICERS.

HENRY ROLFE, *Captain.*FRANK P. ROBERTSON, *Lieut., Clerk and Treas.*WALTER H. ROLFE, *Engineer.*JOHN B. DODGE, *House Man.*

MEMBERS.

<i>Badge Nos.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
100	Henry Rolfe,	Highway agent,	26 Penacook Street.
101	Frank P. Robertson,	Machinist,	6 Church Street.
102	Walter H. Rolfe,	Foreman,	22 Summer Street.
109	Alfred Beddow,	Stationary engineer,	17 South Main Street.
120	Harry F. Jones,	Teamster,	7 Washington Street.
111	Edmund Banker,	Machinist,	Elm Street.
110	John B. Dodge,	Glazier,	59 Merrimack Street.
113	Peter A. Keenan,	Table-maker,	92 High Street.
118	George A. Griffin,	Painter,	3 Spring Street.
123	William Corbett,	Second hand,	44 Centre Street.
124	Delmar R. Jones,	Miller,	123 Merrimack Street.
119	William H. Holbrook,	Miller,	10 Church Street.
116	Loren H. Emerson,	Miller,	110 Merrimack Street.
117	Guy B. Chase,	Miller,	6 Union Street.
121	Albert Cassaveaugh,	Table-maker,	9 Union Street.
105	Cornelius W. O'Brien,	Mill hand,	43 South Main Street.
108	Alfred J. York,	Foreman,	7 Church Street.
115	Carl Y. Holmes,	B. & M. Shop,	42 Spring Street.
112	Richard McBride,	Clerk,	10 Union Street.
122	George L. Miner,	Electrician,	High Street.
103	Frank D. O'Brien,	Chauffeur,	Pioneer Station.

OLD FORT ENGINE COMPANY, NO. 2.

East Concord.

OFFICERS.

GEORGE O. ROBINSON, *Captain.*CLARENCE I. TIBBETTS, *Treasurer.*WALTER C. SANBORN, *Lieut. and Clerk.*MICHAEL LACROIX, *Steward.*

MEMBERS.

<i>Badge Nos.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
120	George O. Robinson,	Water-dealer,	Penacook Street.
121	Walter C. Sanborn,	Wood-worker,	Portsmouth Street.
122	John C. Hutchins,	Engineer,	Penacook Street.
125	Samuel G. Potter,	Milk-dealer,	Appleton Street.
126	William E. Virgin,	Carpenter,	Penacook Street.
127	Rufus C. Boynton,	Belt-maker,	Penacook Street.
128	Shad Cate,	Farmer,	Pembroke Street.
129	Ross W. Cate,	Horseshoer,	Penacook Street.
130	Herbert Knowles,	Carpenter,	Penacook Street.
131	Parker French,	Janitor,	Penacook Street.
132	Westley Field,	Milkman,	Penacook Street.
133	John W. Sanborn,	Farmer,	Penacook Street.
136	Arthur P. Swain,	Moulder,	Penacook Street.
123	Michael Lacroix,	Blacksmith.	Penacook Street.
137	Clarence Tibbetts,	Clerk,	Penacook Street.
138	Reuben L. Cate,	Carpenter,	Cemetery Street.
135	John T. Cate,	Carpenter,	Shawmut Street.
140	C. A. Chamberlin,	Farmer,	Shawmut Street.
139	William F. Paige,	Painter,	Shawmut Street.
143	H. A. Stuart,	Storekeeper,	Penacook Street.
144	Hiram Gardner,	Blacksmith,	Pembroke Street.
145	John Canney,	Carpenter,	Pembroke Street.
146	Thomas Morrison,	Machinist,	Kearsarge Street.
147	Fred Gardner,	Wood-worker,	Pembroke Street.
149	Fred J. Carter,	Stone-cutter,	Penacook Street.
148	Claude H. Swain,	Clerk,	Penacook Street.
142	William E. Batchelder,	Machinist,	Penacook Street.
141	Herbert F. Piper,	Carpenter,	Pembroke Street.
124	William Cate,	Farmer,	Pembroke Street.
134	Ernest W. Cate,	Carpenter,	Shawmut Street.

PUBLIC LIBRARY.

REPORT OF THE TRUSTEES OF THE PUBLIC LIBRARY FOR 1919.

To the Board of Mayor and Aldermen of Concord, N. H.:

GENTLEMEN: The city has received under the will of the late Samuel C. Eastman certain stock valued at \$1,250, "the income to be used for the purchase of books in foreign languages for the library;" also the sum of \$15,500, "for the use of the city library." As the last legacy does not seem to have been given upon any other trust than that it shall be used for the library, the trustees are of the opinion that it should be kept intact for the present for a building fund to be used toward the cost of erecting a suitable library building when it shall be deemed wise to incur that expense. It is hoped that it may be increased from time to time by other gifts and legacies. While the income of the fund may be available for the general expenses of maintaining the library, it would seem to be desirable that it should be added to the principal and thus hasten the time when a new building could be erected.

With this end in view the trustees ask for an appropriation of \$7,000 to cover the library expenses for the current year. An examination of the report of the librarian, which is hereto annexed, shows that the cash on hand is \$89.33 instead of \$290.52 last year, a decrease of \$201.19.

To the cash now on hand	\$89.33
Add income from trust funds, estimated	542.31
Add fines, estimated	226.00
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	\$857.64
Add appropriation asked for	7,000.00
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Amount that would be available	\$7,857.64

While this appropriation is \$1,115 more than it was last year, it should be noted that this year there will be no income from the sale of books, which last year amounted to \$225, and that cash on hand is decreased \$201.19. These two items amount to \$426.19.

The trustees have felt obliged to increase the salaries of the library force about	\$766.74
Add the other estimated expenses as per last year	7,096.50
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Total expense	\$7,863.24
Deduct total income	7,857.64
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Apparent deficit	\$5.60

In view of the constantly increasing cost of supplies, it is clear that great economy must be practiced in the use of the money available, even if the desired appropriation is granted. Of course it would be poor economy to curtail the number of books purchased; and no other substantial retrenchment in our expenses is possible, if the usefulness of the library is to be continued.

Respectfully submitted,

REUBEN E. WALKER,
President Board of Trustees.

February 20, 1920.

REPORT OF THE CITY LIBRARIAN FOR 1919.

To the Board of Trustees of the Concord Public Library:

GENTLEMEN: I herewith submit the annual report which should,—

First. Render to you an account of my stewardship.

Second. Make patrons better acquainted with the library's contents and opportunities.

Third. Inform the city government and citizens in general about an institution for which a sum is annually appropriated from the city purse.

Fourth. Enable our library to measure itself, through exchange, with reports from other libraries.

This last point, *comparison*, will be facilitated if librarians observe uniformity, and the Public Library Commission of New Hampshire, now a live committee with an admirable secretary, has recommended a general form to be filled out yearly; it follows closely that advised by the American Library Association. This schedule specifies such statistics as seem important for the smallest library, leaving it for larger ones, with their more varied activities and separate departments, to elaborate on the skeleton outline. The Commission respectfully suggests that this general form be adopted; I therefore present these statistics:

FINANCIAL STATEMENT.

RECEIPTS.

Balance at beginning of year	\$290.52	
Town appropriation	5,885.00	
Income from endowment funds	559.31	
Fines	226.00	
Other sources (sale of N. E. Hist. and Gen. Register)	225.00	
Total receipts		\$7,185.83

EXPENDITURES.

Books	\$1,285.00	
Periodicals	222.15	
Binding	319.11	
Salaries	4,095.52	
Light and heat	693.48	
Supplies and printing	481.24	
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Total expenditures		\$7,096.50
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Balance on hand		\$89.33

RESOURCES.

Number of bound volumes at beginning of year	31,757
Number of bound volumes added by purchase	970
Number of bound volumes added by gift (excluding public documents)	20
Number of bound volumes of magazines added by binding	50
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Total	32,797
Deduct number of volumes lost and discarded	223
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Total number of volumes owned at end of year	32,574
Number of magazines currently received	65
Number of newspapers	14

SERVICE.

At loan desk in main library—	
Number of volumes of non-fiction lent	12,253
Number of volumes of fiction lent	60,713
Number of unbound magazines lent	6,210
At deposit stations and schoolrooms, unclassified count	7,016
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Total circulation for current year	86,192

Number of new borrowers added during the year	895
Total number of active borrowers during year	6,100
Number and location of deposit stations maintained (see below).	

Besides these figures, there are a few matters of local interest to be mentioned.

The Americanization movement has resulted in increased attendance at the evening school, and Mrs. Della Lewis, one of the devoted teachers there, brought in her class of foreigners for the purpose of making them better acquainted with the library which kept open after time in order that these guests might wander freely about. The twenty-five men seemed interested, but did not accept our offer to let them then and there take out books, their reasons for declining being either that they were not yet sufficiently proficient in reading English or that they were too busy already with the evening school and their daily work. We informed them that we had books in their own languages but did not urge their taking these, as the desideratum is to lead them to read the language of this country.

It would be gratifying, however, if there were throughout Concord more of a call for foreign books, now that Mr. S. C. Eastman left us a bequest to be spent for such, annually. We subscribe for the expensive and beautiful French weekly, *L'illustration*, and it is getting a good following; but new novels and works of belles-lettres in French, Spanish and Italian are not called for, and the inference is that those who acclaimed their purchase do not find time to peruse them.

There are reported 5,344 inquirers at the Reference Room during 1919. Some people send their questions to newspapers and wait weeks for their answers to be printed. Why not try first to see if, by means of our different indexes, we cannot furnish the information desired? We have answered twenty-four out-of-town calls from teachers or women wanting material for club papers. Miss

Brown is continually setting forth on different tables piles of books suited to the immediate needs of classes. The High School library, in charge of a trained librarian, continues to co-operate with us pleasantly and effectively. The Walker School has installed a small library of its own, and the students read the volumes there and also take them home. While we congratulate these schools on their development along library lines, we would call attention to the fact that it lessens our patronage; but so long as pupils acquire the reading habit and so long as they get pleasure and profit from books, we will not cavil as to which library serves them.

In our purchases we aim at a collection of permanent value, while meeting the demand for new literature in every line. Moreover, we provide a liberal number of novels, though Gibson's Subscription Library relieves us of much of the unappeasable call for the best sellers. Of course the high prices of books have curtailed our buying to some extent.

The increased cost of binding also is noteworthy. With buckram, linen, thread and muslin, leather, glue, paper, etc., costing three times as much as three years ago, and with labor growing more and more expensive, we now have to pay forty cents for what once cost only twenty-three, that is, the rebinding of the most ordinary circulating volume. Miss Dennett, Miss Clarke and Miss Chase have acquired a proficiency in mending and repairing which saves many books which otherwise would have been cast away as worn out. Those which are finally discarded we try to place where there is contagious disease, as there they will be much better than no reading.

In regard to periodicals I cannot do better than quote from another report: "The current magazine is becoming one of the problems a library has to contend with. Old ones disappearing, new ones coming, changing name and character, enlarged or contracted in size in the middle of a volume, and worst of all, text spread throughout all

the advertising pages, render it almost impossible to bind or shelve magazines, but not to do so would deprive the library of the best reference material. Book growth need not be a very serious trouble, for they wear out, or otherwise become worthless, almost as fast as the new ones are added. But the reference magazines never wear out, and one must provide space for this perennial increment." With our crowded building it is providential that we can leave to the State Library and the Historical Library the keeping of files of government publications, which are estimated to require fifty feet of new shelving a year.

The distributing agency at Penacook continues in its old place but has changed from being in the hands of Mr. Charles H. Sanders to those of Mr. C. A. Parker, the present owner of the store. We have been most fortunate in having had, for the past ten years, the interested and accurate oversight by Mr. Sanders of this branch. For twenty years Mrs. Sarah A. Quimby, of West Concord, has had charge, without remuneration, of the box of story-books sent at intervals to be given out from her home to residents of Ward 3. At East Concord the deposit station is still located at the store which now is run by Mr. W. D. Stearns.

The popularity of books about the war is on the wane and people are turning to other subjects, noticeably to modern European history, English literature, psychic phenomena, poetry, music, art (particularly that of architecture), and to community civics.

Many of the new residents who have settled in Concord because of their federal positions in the department of Americanization, education, highway, forestry, etc., have promptly enrolled themselves among our borrowers, thereby tacitly saying that they know from past experience, in other cities, that public libraries are good things, eager to help the professional man. We value their custom; and in return they will find we put almost no restrictions on the legitimate use of our books.

Through the winter, on Sunday afternoons, besides the regular custodian for those occasions, we are obliged to have a policeman present to quiet thoughtlessly noisy children and vicious gangs of boys. The adults present crave the privilege of reading undisturbed, and they should have it.

The staff has always worked with faithfulness and efficiency and with a desire to be helpful to all alike; exceptionally strong team-work is done as a result of pulling together through so many years. We can scarcely realize the condition, which must seem that of shifting sands, where changes in the personnel occur often; as in the Brooklyn Public Library where in one twelve-month 268 out of 402 assistants left the staff.

Respectfully submitted,

GRACE BLANCHARD,
City Librarian.

REPORT OF THE CITY ENGINEER.

CITY ENGINEER'S OFFICE, CITY HALL,
CONCORD, N. H., December 31, 1919.

To the Board of Aldermen:

GENTLEMEN: The twenty-seventh consecutive report of this department is herewith submitted.

The expenses of the department for the past year were as follows:

Paid engineer and assistants,	\$3,657.50
for supplies,	76.25
transportation,	73.89
real estate transfers,	25.95
telephone service,	25.20
express,	1.78
repairs to level,	30.45
convention expenses,	149.88
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Total,	\$4,040.90
Appropriation,	\$4,325.00
Expended,	4,040.90
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Unexpended balance,	\$284.10

SEWERS.

The work done on sewers will be found in detail in the report of this department to the Board of Public Works.

WATER-WORKS.

Two copies of the fire-alarm and hydrant map of the city

proper were made and delivered to the superintendent of the works.

FIRE DEPARTMENT.

Four new prints of the fire-alarm and hydrant map of the city proper were made and turned over to the chief of this department. A new map covering the hydrants in the West Concord district was made and prints of the same furnished the chief engineer.

BUILDING PERMITS.

In company with the chief of the fire department, I have attended hearings on fifty-three petitions.

Two petitions were referred to the Board of Aldermen, one petition was withdrawn by the petitioner at the hearing, two petitions were granted with restrictions and forty-eight were granted as petitioned for.

All petitions have been filed with the city clerk with our action endorsed thereon.

CEMETERIES.

Three plans of block "CC" were made for the superintendent, also block "AA" and three prints of the Kimball lot.

The deed book of Blossom Hill Cemetery has been brought up to date from the deed stubs.

ASSESSORS' MAPS.

The property transfers have been kept up from the returns from the register of deeds office, and lists made for the assessors as soon after April 1 as the March transfers were available.

We have now listed about 4,300 owners of real estate. This number does not cover the number of parcels of lands owned and defined, as many owners have several tracts of land some of which are widely separated.

Map "E," Ward 9, was replotted to a larger scale. Changes in the layout of the Moore land on Hall Street, necessitated the replotting of that portion of the Hall Street map.

MISCELLANEOUS.

Eleven prints were made for the "War Garden" plots, the plots laid out and plans delivered to the mayor.

Two prints of the city were furnished the Census Bureau. These maps had the ward lines shown on them.

A map showing the main road from Bow line to the Boscawen line was made for the police department. This map was delivered to the city marshal.

Plans were made for a proposed comfort station and delivered to the mayor for the use of the committee having this matter in charge.

The sewer plans for the city and Penacook precincts have been corrected to date, showing additions made during the year.

Two sets of plans for a proposed entrance to White Park, at the intersection of High and Center streets, have been made for the park commissioners.

Plans for curbing around the soldiers' monument in Penacook were made, ten sets of prints of same furnished the committee in charge of this work, and batters set for the installation of the stone work.

A map of the city was made for the District Nursing Association for use in their work.

The lines between Concord, Loudon, Canterbury, Boscawen and Webster were perambulated in company with the board of selectmen of these towns, or such portion of said boards as were delegated for this purpose.

We found the bounds mentioned in previous perambulations in good condition.

The line between Concord and Pembroke being the Soucook River, no perambulation is required.

The lines between Concord, Bow and Hopkinton should be perambulated in 1921, to comply with the state laws.

The employees of this department during the past season were Fred W. Lang, principal assistant, Lendall E. Davis, rodmen, whose efficient services in their respective positions are worthy of commendation.

To the mayor and board of aldermen I wish to express my appreciation for their support and co-operation, and to the heads of other departments who have extended courtesies to this department.

Respectfully submitted,

WILL B. HOWE,
City Engineer.

REPORT OF BOARD OF EXAMINERS OF PLUMBERS.

CONCORD, N. H., December 31, 1919.

To the Board of Mayor and Aldermen:

GENTLEMEN: The twentieth annual report of this board is herewith submitted.

The membership of the present board is as follows: Manley W. Morgan, a licensed master plumber, Charles H. Cook, M. D., and Will B. Howe, City Engineer. Mr. Morgan is chairman of the board and Will B. Howe, clerk.

Two applications were received for journeyman plumber's license and one for a master plumber's license.

Three meetings were held, the applicants examined and granted licenses in their respective classes.

Licenses and certificates were issued to the parties named in the attached list. This list also shows the date of issue and the amount paid by each one.

The total receipts of the board were \$26.50, for which amount the clerk of the board holds receipts from the city treasurer.

PLUMBERS' LICENSES AND CERTIFICATES ISSUED AND RENEWED DURING 1919.

NAME.	License Number.	Certificate Number.	Class of Plumber.	Date of Renewal.	Date of Expiration.	Fee.	Examination.
Brenan, Wilfred W.	71	.....	Journeyman	March 20, 1919	March 31, 1920	\$0.50	
Brown, Arthur W.	70	.....	Master	April 2, "	" "	.50	
Bishop, William J.	27	.....	Journeyman	May 8, "	" "	.50	
Bauman, Charles W.	3	.....	Master	March 20, "	" "	.50	
Bunteh, Arthur W.	20	1	Journeyman	March 24, "	" "	.50	
Bean, W. Arthur	13	.....	Journeyman	" 20, "	" "	.50	
Babb, Elmer E.	82	3	Master	May 5, "	" "	1.00	May 5, 1919
Berry, Charles H.	23	.....	Master	March 18, "	" "	.50	
Clark, Philip W.	32	14	"	March 22, "	" "	.50	
Cherrier, Louis J.	79	.....	Journeyman	" 20, "	" "	.50	
Clifford, Mary Ellen	18	.....	Master	" 20, "	" "	.50	
Carlton, Walter A.	81	.....	Journeyman	April 10, "	" "	1.00	March 27, 1919
Dane, Nelson	30	.....	Master	March 4, "	" "	.50	
Donovan, Edward F.	81	.....	Journeyman	March 31, "	" "	.50	
Donovan, Franklin F.	30	.....	Master	March 18, "	" "	.50	
Donovan, Franklin F.	63	.....	Journeyman	" 31, "	" "	.50	
Edgeworth, Edward F.	62	.....	"	" 20, "	" "	.50	
Fahey, John L.	76	.....	Master	" 25, "	" "	.50	
Farrar, Merton D.	74	2	Journeyman	" 18, "	" "	.50	
Griffin, C. Nelson	15	.....	Master	" 25, "	" "	.50	
Holland, Thomas H.	78	11	Master	" 27, "	" "	.50	
Hood, Seth R.	78	.....	Journeyman	" 22, "	" "	.50	
Johns, William	26	12	Master	" 25, "	" "	.50	
Johnson, Thomas	15	.....	Master	" 18, "	" "	.50	
Keenan, John C.	78	.....	Journeyman	" 29, "	" "	.50	
Kennedy, Harry H.	10	.....	Master	" 22, "	" "	.50	
Lauze, Victor T.	64	4	Master	" 19, "	" "	.50	
Leary, P. H. D.	72	6	Journeyman	April 1, "	" "	.50	
Lee, Michael J.	.....	.....	Master	March 25, "	" "	.50	
Lee, William A.	.....	.....	Master	April 1, "	" "	.50	
Lamire, Aleiard J.	.....	.....	Journeyman	April 8, "	" "	.50	
Lee, Richard J.	.....	.....	Journeyman	.....	.....	.....
Mahoney, Everett S.	.....	.....	Journeyman	.....	.....	.....

Name	Number	Profession	Date	Month	Year	Fee
Morgan, Manley W.	16	Master	March 19,	March	1919	.50
McGowan, John W.	80	Journeyman	May 14,	March	1920	.50
McDonald, Frank E.	69	Master	March 28,	"	"	.50
Nichols, G. Arthur	2	"	28,	"	"	.50
O'Brien, Richard	29	"	28,	"	"	.50
Orr, Benjamin H.	24	"	7,	"	"	.50
Parmentier, Harris S.	52	Journeyman	April 1,	"	"	.50
Reagan, William L.	33	Master	March 25,	"	"	.50
Robbins, Willis H.	52	Journeyman	April 4,	"	"	.50
Robinson, Arthur W.	33	Master	October 18,	"	1919	1.00
Robinson, George E.	11	"	2,	"	"	.50
Roberts, Albert E.	31	"	April 1,	"	"	.50
Small, George L.	11	Journeyman	March 22,	"	"	.50
Smith, John C.	59	Master	April 1,	"	"	.50
Stanley, William H.	60	"	22,	"	"	.50
Spauld, Clarence J.	60	"	1,	"	"	.50
Trotter, William	7	"	1,	"	"	.50

Respectfully submitted,

MANLEY W. MORGAN,
 CHARLES H. COOK,
 WILL B. HOWE,
Board of Examiners of Plumbers.

REPORT OF THE BOARD OF HYDRANT COMMISSIONERS.

CONCORD, N. H., December 31, 1919.

To the Board of Mayor and Aldermen:

GENTLEMEN: The fourteenth annual report of this board, for the year 1919, is herewith submitted.

On April 17 the full board met and recommended that a hydrant be set on the northerly side of Washington Street, about five feet westerly from the westerly line of the old Merrimack School lot.

No other meetings were held during the past year.

Respectfully submitted,

WILL B. HOWE,

W. C. GREEN,

PERCY R. SANDERS,

Board of Hydrant Commissioners.

REPORT OF THE BOARD OF PUBLIC WORKS.

FINANCIAL REPORT OF THE HIGHWAY DEPARTMENT.

GENERAL MAINTENANCE.

Appropriation,	\$65,000.00	
By Joint Resolution No. 398,	2,251.17	
	<hr/>	\$67,251.17

EXPENDITURES.

CENTRAL DISTRICT.

Labor pay-rolls, general maintenance and repair,	\$19,740.11
Supplies, general maintenance and repair,	2,449.03
Trucks and roadster, repairs and supplies,	1,539.01
City teams, repairs and supplies,	3,378.34
City stable, repairs and supplies,	159.94
Labor pay-rolls, garage,	84.02
Supplies, garage,	5.40
Labor pay-rolls, culverts,	49.31
Labor pay-rolls, driveways,	61.71
Labor pay-rolls, sidewalks,	1,453.21
Labor pay-rolls, signs,	6.36
Supplies, signs,	58.37
Labor pay-rolls, watering troughs and drinking fountains,	52.60

Supplies, watering troughs and drinking fountains,	\$31.56
Labor pay-rolls, cleaning gutters,	5,017.74
Labor pay-rolls, bridges,	521.37
Supplies, bridges,	281.30
Labor pay-rolls, fences,	427.05
Supplies, fences,	86.60
Labor pay-rolls, repairing macadam,	9,124.81
Supplies, repairing macadam,	10,445.68
Labor pay-rolls, winter expense,	2,079.60
	<hr/>
	\$58,337.20

PENACOOK DISTRICT.

Labor pay-rolls, general maintenance and repair,	\$1,767.03
Supplies, general maintenance and repair,	89.38
Labor pay-rolls, culverts,	17.19
Labor pay-rolls, driveways,	23.77
Labor pay-rolls, sidewalks,	314.86
Labor pay-rolls, watering troughs and drinking fountains,	7.91
Supplies, watering troughs and fountains,	10.00
Labor pay-rolls, cleaning gutters,	1,027.63
Labor pay-rolls, bridges,	49.25
Supplies, bridges,	83.66
Labor pay-rolls, fences,	116.04
Supplies, fences,	47.74
Labor pay-rolls, repairing macadam,	470.58
Labor pay-rolls, winter expense,	490.80
	<hr/>
	4,515.84

BOARD OF PUBLIC WORKS.

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WEST CONCORD DISTRICT.

Labor pay-rolls, general maintenance and repair,	\$653.73	
Supplies, general maintenance,	90.55	
Labor pay-rolls, fences,	155.11	
Labor pay-rolls, cleaning gutters,	247.45	
Labor pay-rolls, sidewalks,	13.21	
Labor pay-rolls, winter expense,	92.86	
	<u> </u>	\$1,252.91

EAST CONCORD DISTRICT.

Labor pay-rolls, general maintenance and repair,	\$1,548.28	
Supplies, general maintenance and repair,	75.54	
Labor pay-rolls, winter expense,	43.27	
	<u> </u>	1,667.09

EGYPT DISTRICT.

Labor pay-rolls, general maintenance and repair,	\$225.56	
Supplies, general maintenance and repair,	8.60	
	<u> </u>	234.16

HOIT DISTRICT.

Labor pay-rolls, general maintenance and repair,	\$271.05	
Supplies, general maintenance and repair,	186.06	
Labor pay-rolls, winter expense,	4.65	
	<u> </u>	461.76

CITY OF CONCORD.

VIRGIN DISTRICT.

Labor pay-rolls, general maintenance and repair,	\$110.76	
Labor pay-rolls, winter expense,	13.02	
	<u> </u>	\$123.78

SANBORN DISTRICT.

Labor pay-rolls, general maintenance,	\$302.47	
Labor pay-rolls, winter expense,	7.30	
Supplies, general maintenance,	9.24	
	<u> </u>	319.01

NUMBER FOUR DISTRICT.

Labor pay-rolls, general maintenance and repair,	\$320.54	
Supplies, general maintenance,	9.04	
Labor pay-rolls, winter expense,	9.84	
	<u> </u>	339.42
Total expenditures,		<u> </u> \$67,251.17

CATCH BASINS.

Appropriation,	\$1,300.00	
By Joint Resolution No. 398,	352.94	
	<u> </u>	\$1,652.94
Expenditures—		

CENTRAL DISTRICT.

Labor pay-rolls, cleaning,	\$1,084.14	
Labor pay-rolls, repairing,	88.08	
Labor pay-rolls, building,	90.35	
Supplies,	194.45	
	<u> </u>	1,457.02

PENACOOK.

Labor pay-rolls, cleaning,	\$138.80	
Labor pay-rolls, repairing,	7.95	
Supplies,	21.00	
	<hr/>	\$167.75

WEST CONCORD.

Labor pay-rolls, cleaning,	\$25.35	
Labor pay-rolls, repairing,	1.32	
	<hr/>	26.67

EAST CONCORD.

Supplies,		1.50
		<hr/>
Total expenditures,		\$1,652.94

TREES.

Appropriation,	\$1,500.00	
By Joint Resolution No. 398,	367.80	
	<hr/>	\$1,867.80

CENTRAL DISTRICT.

Labor pay-rolls, trimming and re- moving trees,	\$539.20	
Labor pay-rolls, collecting moth nests,	388.37	
Labor pay-rolls, spraying,	213.50	
Supplies,	314.19	
	<hr/>	\$1,446.26

PENACOOK DISTRICT.

Labor pay-rolls, trimming and re- moving trees,	\$65.25	
Labor pay-rolls, collecting moth nests,	138.67	
Labor pay-rolls, spraying,	113.35	
Supplies,	45.95	
	<hr/>	363.22

EAST CONCORD.

Labor pay-rolls,		\$58.32
Total expenditures,		<u>\$1,867.80</u>

SIDEWALKS AND CROSSINGS—NEW.

Appropriation,	\$500.00	
By Joint Resolution No. 398,	913.65	
Expenditures—	<u> </u>	\$1,413.65

CENTRAL DISTRICT.

Labor pay-rolls,	\$296.60	
Concrete,	518.73	
Edgestone,	529.55	
	<u> </u>	\$1,344.88

PENACOOK DISTRICT.

Labor pay-roll,	\$28.05	
Concrete,	40.72	
	<u> </u>	68.77
Total expenditures,		<u>\$1,413.65</u>

SIDEWALKS AND CROSSINGS—REPAIR.

Appropriation,	\$2,500.00	
By Joint Resolution No. 398,	78.35	
Expenditures—	<u> </u>	\$2,578.35

CENTRAL DISTRICT.

Concrete,		\$2,362.76
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PENACOOK DISTRICT.

Concrete,		215.59
Total expenditures,		<u>\$2,578.35</u>

SALARY OF SUPERINTENDENT.

Appropriation,	\$2,000.00
Expenditures—	
Salary,	\$2,000.00

GARBAGE.

Balance from 1918,	\$855.13	
Appropriation,	11,000.00	
By Joint Resolution No. 398,	121.85	
Deficiency to 1920,	1,256.11	
	<u> </u>	\$13,233.09
Expenditures—		
Labor pay-rolls, collecting garbage,	\$6,481.92	
Labor pay-rolls, collecting paper,	1,029.08	
Labor pay-rolls, leveling ashes,	814.92	
Labor pay-rolls, cleaning pavements and patrol carts,	2,931.73	
Truck repairs and supplies,	1,871.93	
Miscellaneous supplies,	103.51	
	<u> </u>	\$13,233.09

SPRINKLING.

Balance from 1918,	\$2,213.95	
Appropriation,	7,500.00	
	<u> </u>	\$9,713.95
Expenditures—		
Labor pay-rolls, repairing carts,	\$136.26	
Labor pay-rolls, repairing standpipes,	14.26	
Labor pay-rolls, sprinkling with water,	4,226.18	
Labor pay-rolls, sprinkling with oil,	97.18	
Oil,	3,160.28	
Repairs and supplies,	154.10	
	<u> </u>	\$7,788.26
Balance to 1920,		1,925.69
		<u> </u>
		\$9,713.95

PENACOOK SPRINKLING PRECINCT.

Balance from 1918,	\$99.93	
Appropriation,	400.00	
	<u> </u>	\$499.93
Expenditures—		
Labor pay-rolls, repairing standpipes,	\$29.17	
Labor pay-rolls, sprinkling streets,	404.04	
Supplies,	26.11	
	<u> </u>	\$459.32
Balance to 1920,		40.61
		<u> </u>
		\$499.93

STONE CRUSHER.

Appropriation,	\$3,500.00	
By Joint Resolution No. 398,	111.20	
	<u> </u>	\$3,611.20
Expenditures—		
Crusher,	\$2,828.23	
Freight,	71.77	
Supplies,	711.20	
	<u> </u>	\$3,611.20
Deposited with city treasurer as follows:		
State aid, highways,	\$1,369.53	
Labor, etc.,	419.48	
Plowing gardens,	324.68	
Sidewalks and crossings—new,	318.21	
Garbage,	121.85	
	<u> </u>	\$2,553.75

REPORT OF THE CITY ENGINEER.

CONCORD, N. H., December 31, 1919.

To the Board of Public Works:

GENTLEMEN: The ninth annual report to your board showing the work done under the supervision of the engineering department, for your board, is herewith submitted.

SEWERS.

There have been laid during the past season the following amounts of pipe:

239 feet of 10-inch Akron pipe in Princeton Street extension,
324 feet of 10-inch Akron pipe in Stone Street,
114 feet of 6-inch Akron pipe in Curtice Avenue, and
654 feet of 33-inch segmental block sewer in Beacon Street.

Flushing and cleaning the sewers delayed the starting of work in Beacon Street and we were obliged to stop this work earlier than it was intended to, as among the small number employed here, several left for a winter job and the force was reduced below the economical limit for the depth of cutting encountered. We were able to connect the sewer from the Blanchard Street section to the enlarged main in Beacon Street. This should relieve the situation in that district. Work was suspended on Beacon Street at a point about fifty feet westerly from the westerly line of Jackson Street.

The need of promptly completing the Beacon Street line to Rumford Street is well known to your board. It is hoped that labor may be secured early in the coming year to finish this much-needed improvement.

As I have before stated to your board, the desired relief for Rumford, Tremont and Franklin streets can not be fully realized until Rumford Street from Beacon Street to Franklin Street is relaid with a larger main and the Franklin Street line has been enlarged from Rumford Street to a point near Charles Street. When this is done that section of the city will be well provided with sewers of sufficient capacity to amply provide for any growth in that district.

The breaking down of the old cement pipe, laid in 1876, at the junction of South and Clinton streets, caused the flooding of the basement of the store at Broadway and South Street. This break necessitated the relaying of about 175 feet of pipe to replace the old one, which was found to be in very bad condition, and likely to collapse at any time. Some difficulty was experienced in following the old pipe as it did not occupy the location shown on the old plans, made at the time the sewer was originally laid. The relaying of this pipe simplified the layout at this point.

There are several sections of the city in need of larger mains. Among them are Washington Street from a point about fifty feet westerly from North State Street to Pine Street, and the Brook sewer, so called, from Pleasant Street to Allison Street. The last mentioned main serves a large drainage district and is much overloaded.

There has been expended for new work the following amounts:

BEACON STREET.

Paid for labor,	\$2,856.79
cement,	71.85
brick,	85.00
castings,	48.00
wrought-iron,	2.10
trucking,	75.00
lumber,	250.83
pipe and curves,	5.07

BOARD OF PUBLIC WORKS.

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Paid for hardware,	\$2.21
patterns,	5.53
roofing paper,	1.50
gasoline and oil,	9.25
kerosene oil,	8.30
pump diaphragms,	4.32
blacksmith,	2.35
coal-tar crossing, repairs,	6.25
	<hr/>
	\$3,434.35

Average cost per foot, \$5.251+.

Material excavated, sand, gravel and boulders.

PRINCETON STREET EXTENSION.

239 feet of 10-inch Akron pipe laid.

Paid for labor,	\$244.77
pipe,	94.08
cement,	14.40
brick,	45.75
castings,	32.00
wrought-iron,	1.98
trucking,	5.00
	<hr/>
	\$437.98

Average cost per foot, \$1.832+.

Material excavated, sand.

STONE STREET.

324 feet of 10-inch pipe laid.

Paid for labor,	\$217.81
pipe,	140.04
cement,	10.80
brick,	36.00
castings,	32.00
wrought-iron,	.85

Paid for trucking,	\$9.75
kerosene oil,	.85
	<hr/>
	\$448.10

Average cost per foot, \$1.383+.

Material excavated, sand.

CURTICE AVENUE.

114 feet of 6-inch Akron pipe laid.

Paid for labor,	\$74.24
cement,	.75
pipe,	23.04
trucking,	1.00
	<hr/>
	\$99.03

Average cost per foot, \$0.868+.

Material excavated, sand and clay.

There has been expended for repairs the following amounts:

Prison outlet,	\$12.16
Warren Street,	4.82
Rumford Street,	91.68
North State Street,	3.27
Forrest Street,	.77
Thorndike Street,	8.65
Maple Street,	13.00
Valley Street,	3.75
Academy Street,	11.30
Pillsbury Street,	60.15
Clinton Street, at South Street,	608.53
	<hr/>
Total repairs,	\$818.08

Paid for hose,	\$350.00
flushing,	742.56
tools,	65.57

BOARD OF PUBLIC WORKS.

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Paid for new work,	\$4,419.46
repairs,	818.08
	<hr/>
Total expenditures,	\$6,395.67
Balance on hand and appropriation,	\$9,248.33
Expended, 1919,	6,395.67
	<hr/>
Balance December 31, 1919,	\$2,852.66
Earnings, 1919,	4.75
	<hr/>
Net balance January 1, 1920,	\$2,857.41

Sewers built in the City Precinct to December 31, 1919 :

6-inch Akron pipe,	3,088	feet.
8-inch Akron pipe,	25,657	“
10-inch Akron pipe,	55,870	“
12-inch Akron pipe,	39,077	“
12-inch cement pipe,	415	“
15-inch Akron pipe,	11,646	“
18-inch Akron pipe,	7,134	“
20-inch Akron pipe,	5,029	“
24-inch Akron pipe,	4,064	“
30-inch Akron pipe,	1,780.5	“
Brick, 12-inch x 14-inch,	2,758	“
14-inch x 22-inch,	350	“
16-inch x 24-inch,	1,848	“
20-inch x 32-inch,	2,527	“
24-inch x 36-inch,	17,937	“
28-inch x 48-inch,	883	“
24-inch circular,	1,515.5	“
30-inch circular,	402	“
38-inch circular,	4,080	“
24-inch cast-iron,	1,576	“
30-inch cast-iron,	1,054.5	“
33-inch segmental block,	865	“

42-inch segmental block,	1,055	feet.
42-inch brick and concrete,	246	“
60-inch brick and concrete,	1,450	“
	<hr/>	
Total,	192,307.5	feet.

Total miles in City Precinct, 36.241+.

WEST CONCORD SEWER PRECINCT.

There has been expended in this precinct the following amounts during the past season :

Paid for flushing,	\$34.60
View Street repairs,	11.16
manhole covers, North State Street,	11.63
Abbottville manhole repairs,	11.50
20-inch outlet, repairs,	16.90
	<hr/>
	\$85.79
Total expenditure,	\$85.79
Funds available,	79.51
	<hr/>
Overdraft,	\$6.28

SAINT PAUL'S SCHOOL SEWERAGE PRECINCT.

No money was expended in this precinct during the past season and their balance on hand available for construction and repairs remains as it was one year ago, viz. : \$94.55.

EAST CONCORD SEWER PRECINCT.

The outlet in this precinct was nearly covered, caused by the blowing down of a large elm tree which stood near the outlet. The expense of removing this tree and another

standing over the outlet, the removal of brush and other obstacles in the channel to the river was as follows:

Paid for labor,	\$163.80
trucking,	25.50
transporting the men,	32.00
	<hr/>
	\$221.30

For some time there has been a settlement, in Mr. Carter's field, over the sewer serving this precinct. The sewer was uncovered, necessary repairs made and the hole filled. The expense attending this work was:

Paid for teams,	\$24.50
labor,	12.25
	<hr/>
	\$36.75
Total amount expended,	\$258.05
Funds available,	195.91
	<hr/>
Overdraft,	\$62.14

MISCELLANEOUS.

Detailed plans for an extension of the garage at the city shed lot were made for your board, and batters set for the erection of the same.

A proposed cross-section for the new road at Saint Paul's School was submitted and adopted by your board, blue prints made for your files, the school and the contractor.

Street grades for macadam were set on South Main Street for the street department.

Sidewalk grades were set for new coal-tar walks and for the cement walk opposite the Standard Oil Company's lot.

The usual monthly measurements of coal-tar concrete

laid were made, and statements prepared showing the amounts and where laid. These statements were turned over to the department or committee having the work in charge.

In company with one or both of the other members of the committee for locating poles, I have attended to that duty when notified, attended any hearings or meetings of your board when requested, and furnished such information from this department as called for.

For the interest taken by your board in this department and the many courtesies shown it, I wish to express my appreciation.

Respectfully submitted,

WILL B. HOWE,
City Engineer.

HEALTH DEPARTMENT.

REPORT OF THE BOARD OF HEALTH.

To the Board of Mayor and Aldermen:

Following is the report of the Board of Health for the year ending December 31, 1919.

The first meeting of the board was held February 3, 1919, when a permanent organization was effected with Mayor Charles J. French, *ex-officio* chairman, Dr. Charles H. Cook, secretary, Dr. Sibley Morrill was the third member.

Charles E. Palmer was sanitary officer. The resignation of Dr. Charles Duncan as milk inspector made it necessary for the board to provide some means for carrying on this work.

After conference with the state officials a satisfactory plan was worked out whereby the sanitary officer is expected to do the field part of the work, including the actual inspection of the milk farms and the collection of samples of milk for examination. The examination of the samples thus secured is made at the State Laboratory of Hygiene.

Attention is called to the unusually small number of cases of contagious disease and the small number of deaths as compared with the year 1918, "the influenza year."

The board held regular monthly meetings on the first Monday of each month, when business of a routine nature was transacted and such special matters as came up were given consideration. In addition to these regular meetings several special meetings were held.

This board wishes to express its hearty endorsement of the campaign against venereal disease which is being so vigorously conducted under the auspices of the United States Public Health Service.

Officers of this service co-operating with state and local boards of health have already made considerable progress in the right direction and are receiving the co-operation of the majority of physicians and health workers in their efforts to stamp out these diseases.

This board requests that all physicians familiarize themselves with the regulations promulgated by the New Hampshire State Board of Health respecting the handling and reporting of contagious diseases.

In an undertaking of such magnitude very little can be accomplished without the helpful and sincere co-operation of all who are concerned in the treatment and care of venereal diseases.

Every health worker should consider himself a missionary with a definite duty to perform, and that duty consists in teaching as many laymen as come within his sphere of influence the real truth concerning the gravity and far-reaching consequences of venereal diseases.

Your attention is called to the fact that the land upon which the detention hospital or pest house is located has been seized by the state for military purposes. The building, which was never very adequate for its purpose, is in a bad state of repair, without water supply and, in short, totally unsuitable for reception and care of patients. It will be necessary in the near future to make some provisions for the handling of such rare cases of smallpox or other pestilential diseases as may occur in the community. The number of cases of disease of this class is small in the aggregate. However, such cases are bound to be encountered from time to time and it is necessary that your board of health be provided with facilities for handling them in such a manner as not only to insure the unfortunate patient the best of care in cheerful and sanitary surroundings but also to protect the balance of the community from all danger of infection. This is a matter of some urgency and should be given early attention. A proper solution of this problem may naturally be expected to involve the ex-

penditure of a considerable sum of money. Such an expenditure is entirely justifiable and in fact seems unavoidable. In this connection and at this point your attention may properly be called to the expenditures of the Health Department. There was appropriated for the current year \$3,500 to cover all expenses of the department. Of this sum \$2,951.67 was expended. Assuming a population of 22,000 this would be an expense of a little less than 14 cents *per capita* for all public health activity in this community. An expenditure of twice this amount would be well within the average amount spent by progressive eastern communities for this purpose. This average has in fact been ascertained to be in the vicinity of 50 cents *per capita* and some of the larger cities spend annually as much as \$1.25 to \$1.50 *per capita* in public health work. Of course it is not expected at this time that this community shall be called upon to expend anything like these larger sums for this purpose, although it may eventually be found that several times the amount now spent will be considered a good investment, yielding splendid dividends in terms of public welfare.

The report of the sanitary officer is herewith submitted and made a part of this report. This report contains interesting data with respect to mortality and morbidity as well as considerable detailed information of the activities of the Health Department.

Respectfully submitted,

CHARLES H. COOK,
SIBLEY G. MORRILL,
Board of Health.

REPORT OF THE SANITARY INSPECTOR.

To the Board of Health:

GENTLEMEN: Herewith is submitted the report of the sanitary officer for the year ending December 31, 1919.

During the past year there were 454 deaths, 239 less than in 1918, when the epidemic of influenza caused the highest death rate in the history of Concord. However, pneumonia has again been the cause of the largest number of deaths, as was the case last year, there being 32 or 13.65 per cent. of the total number excluding the non-resident deaths, 155, and the still-births, 17, this gave a death rate of 12.62. There were 235 deaths at the six public institutions and 219 in the nine wards of the city.

The decrease in contagious disease was very marked during the influenza epidemic. This has continued through the year, as there were only seven cases of measles, the smallest number in several years. In October eight carrier cases of diphtheria were run down and held in quarantine, with the result that only thirteen cases were reported for the month, making a total of twenty-eight for the year.

The campaign against venereal disease has been an important factor in health circles. The advance along this line has exceeded the expectations of the doctors and health officers having charge of the work. The most important phase of this issue was to educate the general public to the ravages caused by venereal disease. Having always been excluded from public health matters it became a tremendous undercurrent, whose destruction was known only when our men were mobilized. There have been several government pictures on this subject shown in Concord under the auspices of this office which cannot help but open the eyes of the people and awaken a desire to help blot out this menace to our nation.

The large majority of doctors have co-operated in this

splendid movement with the result that many chronic cases are now under regular treatment.

The privilege of keeping a pig was allowed again this year, it being felt by the board that all possible production of food was necessary during the period of reconstruction. The complaints from noise and general odors were more numerous this year than during the past two years. The use of disinfectants relieved the last complaint but it was found impossible to abate the nuisance caused by noise.

As in all communities we have had the usual number of complaints and nuisances, that were inspected and conditions relieved, the greatest number being from dead animals, odors from pigs, stables and rubbish, unsanitary plumbing, refuse and ashes in yards and general condition of premises. The usual weekly inspection of alley-ways in the rear of the business blocks has kept them free from objectionable rubbish.

Since the resignation of Dr. Duncan as milk inspector I have paid much attention to the Concord milk supply. Upon inspecting all the farms within a radius of twelve miles of Concord I found most of the farms in very good condition but in a few instances it was necessary to have the barns cleaned up and more sanitary methods introduced. My requests have been very cheerfully and willingly complied with. Each month I have collected samples of milk from the various milkmen and taken them to the state laboratory where the State Board of Health has very kindly allowed our milk to be examined. Upon receiving their report of the findings I have in turn reported to each man from whose supply the milk was taken.

The interest and co-operation of all the milkmen has been very gratifying and there has been a splendid improvement in the cleanliness and quality of our milk.

Although there has not been a noticeable increase in the building activities of the city, the plumbing business has again started up. There were sixty-three plumbing permits and ninety-two inspections made.

Long Pond, the water supply, has been inspected at regu-

lar intervals and found to be in fine condition. Analysis shows the water to be of the usual excellent quality.

The appropriation for the year was \$3,500 and the total expenditures were \$2,951.67, leaving a balance of \$548.33. The comparative lack of contagious disease in the community and the unusually large stock of fumigation supplies, bought in anticipation of the advance in prices, have made this balance possible. In the care of contagious disease \$137.41 was expended. Most cases requiring assistance by this department during quarantine were cared for at the Foster ward, Margaret Pillsbury Hospital.

One hundred and seventy-six dollars was received from milk license fees.

The following tables show in detail the work of the department:

FINANCIAL STATEMENT OF THE BOARD OF HEALTH FOR THE
YEAR ENDING DECEMBER 31, 1919.

APPROPRIATION.

Salary, sanitary officer,	\$1,600.00
Upkeep of automobile,	100.00
Fumigation supplies,	100.00
Contagious diseases,	700.00
Incidental expenses,	1,000.00
Total,	<u>\$3,500.00</u>

EXPENDITURES.

Salary, sanitary officer,	\$1,613.85
Upkeep of automobile,	100.00
Fumigation supplies,	3.11
Contagious diseases,	137.41
Incidental expenses,	1,097.30
Balance,	548.33
Total,	<u>\$3,500.00</u>

RECEIPTS FOR THE YEAR 1919.

Milk license fees,	\$176.00
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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.		Influenza.		Measles.		Ophthalmia neonatorum.		Scarlet fever.		Tuberculosis.		Typhoid fever.		Venereal diseases.		Whooping cough.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January .....	.....	.....	31	5	.....	.....	.....	.....	2	.....	.....	3	.....	.....	2	.....	4	.....
February....	4	.....	23	1	1	.....	.....	.....	3	.....	1	2	1	1	3	.....	9	.....
March.....	2	.....	5	.....	.....	.....	.....	.....	3	.....	3	3	1	.....	1	.....	4	.....
April.....	.....	.....	.....	.....	2	.....	.....	.....	6	.....	1	3	2	.....	5	.....	6	.....
May.....	.....	.....	.....	1	2	.....	.....	.....	4	.....	3	3	.....	.....	7	.....	4	.....
June.....	1	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	3	.....	.....	4	.....	4	.....
July.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	14	.....	6	.....
August.....	1	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	1	.....	12	.....	11	.....
September..	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	8	.....	.....	.....
October.....	*13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	1	15	.....	.....	.....
November...	5	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1	1	.....	9	.....	.....	.....
December ...	1	.....	.....	.....	2	.....	.....	.....	9	.....	1	1	2	.....	5	.....	.....	.....
Total	28	.....	59	7	7	.....	.....	.....	33	.....	13	23	12	2	85	.....	48	.....

*8 Carrier cases.

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.	Ophthalmia neonatorum.		Whooping-cough.		Infantile paralysis.		Diphtheria.		Scarlet fever.		Typhoid fever.		Measles.		Small-pox.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	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	.....	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	1168	1	.....	.....	1350	11
1910..	30	1	10	1	16	...	143	.....	.....	.....	199	2
1911..	51	2	8	1	10	3	26	.....	.....	.....	95	6
1912..	2	1	17	1	7	...	15	4	321	2	.....	.....	362	8
1913..	5	1	33	3	28	...	10	1	687	.....	.....	.....	763	5
1914..	3	.....	30	.....	28	.....	7	2	6	.....	.....	.....	74	2
1915..	1	.....	25	1	.....	.....	21	.....	26	.....	8	1	9	.....	4	.....	94	2
1916..	5	1	1	1	54	3	18	.....	8	1	382	.....	.....	.....	468	7
1917..	5	.....	.....	.....	138	3	47	.....	5	.....	414	.....	.....	.....	610	3
1918..	1	.....	49	.....	.....	.....	22	3	12	.....	10	.....	112	1	.....	.....	206	4
1919..	48	.....	.....	.....	28	.....	33	.....	12	2	7	.....	.....	.....	128	.....

DEATHS REPORTED BY WARDS AND PUBLIC INSTITUTIONS.

Ward 1,	31
Ward 2,	5
Ward 3,	7
Ward 4,	46
Ward 5,	27
Ward 6,	44
Ward 7,	34
Ward 8,	11
Ward 9,	14
New Hampshire State Hospital,	139
Margaret Pillsbury General Hospital,	58
New Hampshire Memorial Hospital,	24
New Hampshire Odd Fellows' Home,	4
New Hampshire Centennial Home for the Aged,	9
New Hampshire State Prison,	1

DEATHS BY AGE.

*Under 1 year,	46
From 1 to 5 years,	6
From 5 to 10 years,	4
From 10 to 15 years,	5
From 15 to 20 years,	7
From 20 to 30 years,	16
From 30 to 40 years,	30
From 40 to 50 years,	38
From 50 to 60 years,	58
From 60 to 70 years,	80
From 70 to 80 years,	105
From 80 to 90 years,	54
From 90 to 100 years,	5
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Total number of deaths,	454

*Including 17 stillbirths

DEATHS DURING 1919 BY SEX, CONDITION AND NATIVITY.

Sex :	
Males,	226
Females,	228
Condition :	
Married,	176
Single,	133
Widowed,	129
Divorced,	9
Not stated,	7
Nativity :	
Concord,	107
New Hampshire,	172
Other states,	82
Foreign,	75
Not stated,	18

CAUSES OF DEATH FOR THE YEAR ENDING DECEMBER 31, 1919.

<i>Cause.</i>	<i>No. of deaths.</i>
Abscess,	2
Accident, burns,	1
automobile,	2
poisoning,	2
pregnancy,	1
Anemia, pernicious,	4
Angina pectoris,	11
Anthrax,	1
Apoplexy,	23
Appendicitis,	1
Asphyxia neonatorum,	1
Asthma,	1
Birth, injury at,	2
Brain, concussion of,	2
Bright's disease,	2
Bronchitis,	4