

STILL. November 21, 9.14 P. M. Chimney fire in residence of Jeremiah Smith, 25 Fayette street. Extinguished by Chemical company. No loss.

STILL. November 22, 7.04 P. M. Chimney fire in residence of John E. Lamprey, 5 Gallinger court. Extinguished by Chemical company. No loss.

11-11. November 26, 10.56 A. M. A call for assistance from Canterbury. Detail from the department, reserve engine, Eagle wagon, and 1,600 feet hose sent under direction of Engineer J. J. McNulty. Apparatus stopped by messenger before reaching the scene.

STILL. November 28, 8.17 A. M. Chimney fire in residence of Fred Brown, 88 Centre street. Extinguished by Chemical company. No loss.

STILL. November 28, 1.49 P. M. Chimney fire in residence of David Robinson, 11 Jackson street. Extinguished by Chemical company. No loss.

BOX 19. November 29, 10.24 P. M. Chimney fire in residence of Rocco Morano, 47 High street. All apparatus excepting Chemical engine dismissed immediately upon arrival. No loss.

STILL. November 30, 8.40 A. M. Chimney fire in residence of Frank Mason, 48 Washington street. Extinguished by members of Alert Hose Co. No loss.

STILL. November 30, 11.45 A. M. Chimney fire in residence of George H. Stickney, 16 Prince street. Extinguished by Chemical company.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$1,500.00	\$2.12	\$1,000.00	\$2.12

BOX 26. December 2, 5.46 P. M. Fire in residence, 14 Maple street, owned by Miss Carrie Evans and occupied by Robert Powers. Cause unknown. 300 feet hose wet, but no water used in the building. Recall, 5.53 P. M.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$1,800.00	\$25.23	\$1,250.00	\$25.23

Box 12. December 4, 6.57 P. M. Chimney fire in residence 14 Perkins' Court, owned by Miss Susan Perkins and occupied by D. H. Lucia. Extinguished with chemicals.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$1,000.00	\$4.11	\$500.00	\$4.11

STILL. December 5, 7.50 P. M. Chimney fire in residence of J. H. S. Willcox, Pleasant street (Millville Road). Extinguished by Chemical company. No loss.

STILL. December 7, 4.05 A. M. Fire in residence 50 North State street. Chemical company responded. See next alarm.

Box 21. December 7th, 4.05 A. M. Fire in residence 50 North State street, owned and occupied by Mrs. Mary A. Morrill. Caused by brand from fireplace. 350 feet hose wet. Recall, 4.34 A. M.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$6,000.00	\$78.00	\$4,000.00	\$78.00
Contents,	3,000.00	122.00	1,000.00	122.00

STILL. December 8, 5.37 P. M. Chimney fire in residence of J. K. Martin, 7 Prince street. Chief's sleigh responded with pony extinguishers.

STILL. December 7, 5.56 P. M. Chemical company called to assist at preceding fire. Extinguished by Chemical company. No loss.

Box 23. December 11, 6.04 P. M. Alarm occasioned by explosion of kerosene lamp in residence of Robert W. Shakespeare, 11 Chapel street. Needless alarm. Lamp thrown out of doors by occupants. Recall, 6.11 P. M. No loss.

STILL. December 15, 9.31 P. M. Chimney fire in Hotel Nardini, 113-117 North Main street. Extinguished by Chemical company. No loss.

STILL. December 16, 12.45 P. M. Chimney fire in residence of J. E. Clifford, 3 Railroad Square. Extinguished by Chemical company. No loss.

STILL. December 17, 6.55 A. M. Chimney fire in residence of R. A. Marshall, 246 North State street. Extinguished by Chemical company. No loss.

STILL. December 17, 10.07 A. M. Chimney fire in J. E. McShane's block, 3-5 Odd Fellow's avenue. Extinguished by Chemical company. No loss.

STILL. December 19, 1.32 P. M. Chimney fire in residence of Mrs. A. L. Drew, 12 Park street. Extinguished by Chemical company. No loss.

STILL. December 22, 8.25 A. M. Chimney fire in residence of N. F. Woodward, 19 Concord street. Extinguished by members of Good Will Hose Co. No loss.

BOX 47. December 25, 10.33 A. M. Slight fire in basement of blacksmith shop 17 Clinton street, owned by A. E. Savage. Cause unknown. Extinguished before arrival of fireman. 500 feet of hose wet. Recall, 10.41 A. M. No loss.

STILL. December 27, 12.06 P. M. Chimney fire in residence of John Unwin, 4 North State street. Extinguished by Chemical company. No loss.

STILL. December 31, 8.14 P. M. Chimney fire in residence of Frank Truchon, 8 Jackson street. Extinguished by members of Alert and Chemical companies. No loss.

PENACOOK.

STILL. January 10, 11.45 P. M. Fire in Washington House, 19 Main street, owned and occupied by C. J. Coakley. Caused by overheated chimney.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$10,000.00	\$6.35	\$6,000.00	\$6.35

STILL. February 10, 8.15 P. M. Chimney fire in residence of Mary Owens, 3 Park street. No loss.

STILL. February 14, 9.00 A. M. Chimney fire in boiler house of C. M. & A. W. Rolfe manufactory, Merrimack street. No loss.

BELL. March 25, 11.50 A. M. Fire in residence corner Charles and Warren streets, owned and occupied by Mrs. Nellie A. Abbott. Caused by overheated chimney.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$2,000.00	\$5.00	\$1,400.00	\$5.00

STILL. April 11, 11.50 A. M. Chimney fire in residence of Mrs. J. S. Fiske, Fowler street. No loss.

STILL. April 15, 10.00 A. M. Chimney fire in residence of Mary Owens, 9 Park street. No loss.

BELL. September 22, 5.00 P. M. Fire in residence 7 West Canal street, owned by Peter Gahagan and occupied by Felix Guyotte. Cause unknown.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$1,000.00	\$15.00	\$1,000.00	\$15.00
Contents,	500.00	25.00	None.	None.

BELL. October 5, 3.50 A. M. Soap manufactory owned and occupied by Ruel G. Morrill, destroyed with contents. Cause unknown.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$100.00	\$100.00	None.	None.
Contents,	550.00	550.00	None.	None.

STILL. November 9, 12.45 P. M. Brush fire near Wood-lawn cemetery. 300 feet hose wet. No loss.

STILL. November 10, 11.00 A. M. Chimney fire in residence of John Plankey, 1 Bye street. No loss.

NO ALARM. November 18, 4.30 P. M. Fire in mill owned and occupied by N. H. Spinning Mills Co. Caused by match in bale of cotton.

STILL. December 22, 10.45 A. M. Chimney fire in residence of Herbert Cross, 9 Merrimack street. No loss.

NO ALARM. December 26, 1.30 A. M. Fire in closet in Farrand & Chandler's block, Washington square, occupied by F. H. Blanchard, marketman. Cause unknown. Extinguished by occupants.

STILL. December 31, 7.15 P. M. Chimney fire in Postoffice block, Main street. No loss.

WEST CONCORD.

NO ALARM. February 3, 7.30 A. M. Fire in residence 554 North State street, owned by Fred A. & Edgar D. Eastman, and occupied by George Hamel. Caused by gas stove. Extinguished by occupants.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$1,600.00	\$35.00	\$1,300.00	\$35.00
Contents,	300.00	8.95	300.00	8.95

STILL. October 21, 8.20 P. M. Chimney fire in residence of Simeon Partridge, 499 North State street. No loss.

BELL. October 28, 8.30 P. M. Brush fire near prison. Extinguished by detail from Cataract company. No loss.

EAST CONCORD.

BELL. July 18, 8.15 P. M. Barn and contents totally destroyed. Building owned by John T. Tenney, and occupied by owner and C. W. Barnard. Caused by lightning. The scene of this fire was so remote from the fire station that it was impossible for the local company to render assistance in time to be effective.

	Value.	Loss.	Insurance.	Ins. paid.
Building,	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
Contents :				
J. T. Tenney,	345.00	345.00	None.	None.
C. W. Barnard,	255.00	255.00	None.	None.

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," with modern hose wagon, attached to Eagle Steam Fire Engine company (13 men); one second-class Amoskeag engine, "Kearsarge," and modern hose wagon, attached to the Kearsarge Steam Fire Engine company (14 men); one second-class Amoskeag engine, "Governor Hill," relief steamer, in charge of an engineer and fireman; one double 60-gallon tank Holloway chemical engine in charge of two permanent men; one ladder truck, "City of Concord," attached to hook and ladder company (21 men). There are ten horses owned by the city kept at this station. The precinct companies have swing harnesses upon all apparatus except steamers. There are six permanent men located at the Central station and one permanent man at each hose house within the precinct.

The Alert Hose company (11 men), located on Washington street, has a modern hose wagon with permanent man and horse.

The Good Will Hose company (11 men), located on the corner of Concord and South State streets, has a modern hose wagon with permanent man and horse.

Veterans' Auxiliary company (30 men).

The "Pioneer" steamer, at Penacook (28 men), is a fourth-class Silsby, with hose wagon.

The Cataract company (30 men), at West Concord, has a Hunneman 6-inch cylinder hand-engine and a modern hose wagon, and is provided with swing harness.

Old Fort, East Concord (30 men), has a 4½-inch cylinder Hunneman hand-engine.

	HOSE.	
Fabric:		
Precinct		8,450 feet.
Penacook		2,200 "
West Concord		900 "
		11,550 "

Leather :

East Concord	{ good	400 "
	{ poor	500 "
		<hr/>
		900 "

PUBLIC RESERVOIRS.

	Capacity, cubic feet.
1. Main street, opposite Abbot-Downing Co.'s	1,000
2. Main street, middle front state house yard	1,500
3. Main street, rear city hall	2,000
4. State street, corner Washington street*	2,000
5. Rumford street, near Mrs. Josiah Minot's	1,000
6. Orchard street, corner of Pine street*	4,000
7. School street, corner of Summit street*	3,500

*Brick cemented.

ROLL OF THE FIRE DEPARTMENT.

1901.

Permanent Chief Engineer.

WILLIAM C. GREEN, Office, Central Fire Station.

Assistant Engineers.

PRECINCT.

JOHN J. McNULTY, 1st Asst., Machinist, 35 West street.
WILLIAM E. Dow, 2d Asst., Painter, 13 Academy street.
JOHN J. McNULTY, Clerk of Board.

WARD 1.

ABIAL W. ROLFE, Manufacturer, Penacook St., Penacook.

WARD 2.

JOHN E. FRYE, Farmer, Penacook St., East Concord.

WARD 3.

GEORGE W. KEMP, Overseer, 443 No. State St., West Concord.

KEARSARGE STEAM FIRE ENGINE AND HOSE COMPANY, No. 2.

OFFICERS.

SYLVESTER T. FORD, *Captain.* A. H. BRITTON, *Lieutenant and Clerk.*
JAMES H. SANDERS, *Engineer and Treasurer.*

MEMBERS.

<i>Badge Nos.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
11	Sylvester T. Ford,	Moulder,	41 South Main street.
12	A. H. Britton,	Hardware dealer,	12 Thompson street.
13	Charles H. Swain,	Carpenter,	18 Holt street.
15	James H. Sanders,	Carriage painter,	45 Perley street.
16	Frank E. Heath,	Salesman,	38 Perley street.
84	Thomas J. Morrison,	Carriage painter,	32 Downing street.
19	Charles Powell,	Teamster,	62 Rumford street.
20	Elba F. Horne,	Carpenter,	10 Liberty street.
22	George B. Davis,	Carriage painter,	3 South Main street.
21	J. E. Morrison,	Janitor,	8 Thorndike street.
85	H. M. Sanders,	Gas fitter,	112 Pleasant street.
18	Will D. Hutchinson,	Clerk,	21 Union street.
14	M. J. Martin,	Permanent driver,	Central station.
87	F. J. Young,	Permanent driver,	Central station.

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

OFFICERS.

W. J. COFFIN, *Captain*.J. C. MCGILVRAY, *Lieutenant and Clerk*.

MEMBERS.

<i>Badge Nos.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
24	Walter J. Coffin,	Shipping clerk,	5 Short street.
25	John C. McGilvray,	Jig-sawyer,	9 Pearl street.
30	Thomas D. Gannon,	Machinist,	113 Warren street.
88	Charles H. Sanders,	Machinist,	112 Pleasant street.
31	Orrin C. Hodgdon,	Engineer,	31 Beacon street.
36	David J. Adams,	Janitor,	107 North Main street.
32	William W. Brown,	Photographer,	9 Cummings avenue.
34	William A. Sewell,	Expressman,	100 Warren street.
38	George H. Downing,	Electrician,	12 South street.
27	Oscar G. Pelkey,	Harness maker,	161 North Main street.
29	John W. Inman,	Carriage painter,	11 Wall street.
35	Bert A. Tozier,	Barber,	19 South State street.
89	John H. True,	Permanent driver,	Central station.

GOVERNOR HILL STEAMER, No. 4.

RELIEF ENGINE.

<i>Badge Nos.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
17	Elmer H. Farrar, <i>Engineer</i> ,	Machinist,	78 South State street.
23	Henry O. Powell, <i>Fireman</i> ,	Blacksmith,	11 Thompson street.

ALERT HOSE COMPANY, No. 2.

OFFICERS.

FRED W. SCOTT, *Captain*.GEORGE L. OSGOOD, *Lieutenant and Clerk*.GEORGE L. OSGOOD, *Treasurer*.

MEMBERS.

<i>Badge Nos.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
37	Fred W. Scott,	Builder,	43 Lyndon street.
38	Geo. L. Osgood,	Clerk,	6 Insurance Block.
46	James Crowley,	Barber,	115 Warren street.
43	John H. Seavey,	Clerk,	Alert Hose house.
39	Charles J. French,	Stone-cutter,	5 Perkins street.
42	Charles H. Rowell,	Builder,	23 Concord street.
48	Lewis B. Putney,	Builder,	12 Beacon street.
41	Charles C. Chesley,	Builder,	11 Prince street.
45	Joseph H. Brunelle,	Blacksmith,	34 Washington street.
49	James Jepson,	Car builder,	21 Jackson street.
47	Frank H. Silver,	Permanent driver,	Alert Hose house.

GOOD WILL HOSE COMPANY, No. 3.

OFFICERS.

JOHN C. MILLS, *Captain.* HIRAM T. DICKERMAN, *Lieutenant and Clerk.*
 CHARLES C. NUTTER, *Treasurer.*

MEMBERS.

<i>Badge Nos.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
50	John C. Mills,	Blacksmith,	34 Downing street.
51	Hiram T. Dickerman,	Painter,	94 South State street.
54	George H. Sawyer,	Blacksmith,	5 Allison street.
55	Charles C. Nutter,	Painter,	39 Laurel street.
52	John E. Gove,	Wood-worker,	45 Centre street.
53	Charles A. Richards,	Wood-worker,	26 Grove street.
57	Jasper R. Mudgett,	Wood-worker,	98 South State street.
60	Frank S. Putnam,	Packer,	101 South State street.
56	H. H. Ash,	Machinist,	14 Pierce street.
61	E. D. Clark,	Springmaker,	52 West street.
58	W. T. Happny,	Permanent driver,	Good Will Hose house.

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>
63	Will A. King,	Machinist,	98 Franklin st.
65	Ed. E. Lane,	Carriage builder,	5 Fremont st.
65	Benjamin Oulette,	Carpenter,	10 Jefferson st.
66	Henry V. Tittimore,	Teamster,	6 Avon st.
67	John A. Sargent,	Carpenter,	67 So. State st.
68	Alfred B. Morgan,	Carpenter,	35 Thorndike st.
70	Will F. King,	Builder,	40 Lyndon st.
71	Frank T. Bean,	Carriage builder,	16 Avon st.
72	Lucius D. Caldon,	Carriage builder,	13 West st.
73	George W. Grover,	Carriage builder,	29 Thorndike st.
75	James L. Liberty,	Carpenter,	7 Harvard st.
76	Stephen P. Foster,	Carriage builder,	47 Perley st.
80	Sam B. Morgan,	Carriage builder,	10 Avon st.
81	Daniel Crowley,	Coachman,	130 Warren st.
77	Bion W. Hall,	Carpenter,	78 South st.
82	Edwin H. French,	Carriage builder,	29 Green st.
78	Harry N. Lane,	Carriage builder,	2 Fremont st.
74	Charles Parker,	Blacksmith,	63 South st.
69	William F. Paige,	Painter,	17 Laurel st.
79	Fred I. Stevens,	Gas-fitter,	76 Rumford st.
96	C. G. Pinkham,	Permanent driver,	Central station.

CHEMICAL ENGINE COMPANY, No. 1.

<i>Badge Nos.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
91	M. S. Wakefield,	Permanent engineer and driver,	Central stat'n.
92	A. P. Turner,	Permanent assistant engineer,	Central stat'n.

PIONEER STEAM FIRE ENGINE COMPANY, No. 3.

Penacook.

OFFICERS.

JOHN H. ROLFE, <i>Captain.</i>	HENRY ROLFE, <i>Foreman of Hose.</i>
EDDIE C. DURGIN, <i>Lieut. and Clerk.</i>	WALTER H. ROLFE, <i>Engineer.</i>
JOHN B. DODGE, <i>Treasurer.</i>	LESLIE H. CROWTHER, <i>Steward.</i>

MEMBERS.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
John H. Rolfe,	Foreman,	14 Centre st.
Eddie C. Durgin,	Carpenter,	46 Spring st.
John B. Dodge,	Bookkeeper,	59 Merrimack st.
Henry Rolfe,	Carpenter,	26 Penacook st.
Walter H. Rolfe,	Machinist,	49 Merrimack st.
George H. Sager,	Machinist,	24 High st.
William C. Ackerman,	Machinist,	7 Washington st.
Leslie H. Crowther,	Maker plumbers' supplies,	23 Washington st.
John W. McNeil,	Mill operative,	8 Union st.
David S. March,	Door maker,	19 Centre st.
Fred H. Morrill,	Sash-maker,	8 Summer st.
Edwin B. Prescott,	Marketman,	88 South Main st.
Peter A. Keenan,	Table-maker,	93 High st.
Laurin W. Rolfe,	Electrician,	14 Centre st.
Fred C. Ferrin,	Band-sawyer,	20 High st.
Lester W. Prescott,	Saw-maker,	56 Summer st.
Fred M. Dodge,	Electrical inst.-maker,	61 Merrimack st.
Harry G. Rolfe,	Bookkeeper,	21 Cross st.
Clarence A. Davis,	Miller,	40 Charles st.
Ruel G. Morrill,	Farmer,	75 Washington st.
George N. Robertson,	Axle-maker,	17 Washington st.
Frank P. Robertson,	Axle-maker,	6 Church st.
Albert S. Andrews,	Mill operative,	23 Washington st.
Samuel G. Sanborn,	Blacksmith,	15 Union st.
Harry H. McNeil,	Clerk,	16 Charles st.
John P. Kelley,	Machinist,	9 Church st.
Frank Burke,	Overseer,	12 Centre st.
Charles H. Barrett,	Carpenter,	6 Washington st.
Henry Rolfe, Jr.,	Miller,	3 Elm st.

OLD FORT ENGINE COMPANY, No. 2.

East Concord.

OFFICERS.

ELBRIDGE EMERY, *Captain.*JOHN C. HUTCHINS, *Treasurer.*GEORGE O. ROBINSON, *Lieut. and Clerk.*CHARLES P. WHITE, *Steward.*

MEMBERS.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
Elbridge Emery,	Butcher,	Potter st.
George O. Robinson,	Water-dealer,	Penacook st.
John C. Hutchins,	Engineer,	Penacook st.
C. E. Robinson,	Clerk,	Penacook st.
William L. Batchelder,	Farmer,	Potter st.
William H. Smith,	Farmer,	Shaker st.
James L. Potter,	Milk-dealer,	Potter st.
Samuel G. Potter,	Milk-dealer,	Appleton st.
Charles P. White,	Stone-cutter,	Pembroke st.
William E. Virgin,	Carpenter,	Penacook st.
Rufus C. Boynton,	Belt-maker,	Penacook st.
Elvin Culver,	Shoemaker,	Portsmouth st.
Fred S. Farnum,	Carpenter,	Penacook st.
Shad Cate,	Farmer,	Pembroke st.
Ross W. Cate,	Horseshoer,	Penacook st.
George E. Cate,	Blacksmith,	Penacook st.
William E. Cowley,	Storekeeper,	Penacook st.
Herbert Knowles,	Carpenter,	Shawmut st.
James Cox,	Section foreman,	Fort sq.
Daniel Lewis,	Driver,	Shawmut st.
Abram Cushing,	Stone-cutter,	Penacook st.
Edward A. Newell,	Wood-worker,	Shawmut st.
Thomas Spaulding,	Farmer,	Penacook st.
Joseph Strickford,	Painter,	Fort sq.
George Atwood,	Machinist,	Mill st.
Parker French,	Janitor,	Penacook st.
Albert Spaulding,	Moulder,	Penacook st.
Westley Field,	Milkman,	Penacook st.
Walter Carlton,	Harness-maker,	Mill st.

CATARACT ENGINE COMPANY, No. 2.

West Concord.

OFFICERS.

JEREMIAH COTTER, *Captain.* ANDREW J. ABBOTT, *Treasurer.*
 HIRAM E. QUIMBY, *Lieut. and Clerk.* JOHN HARRISON, *Steward.*
 PATRICK RYAN, *Foreman of Hose.*

MEMBERS.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
Jeremiah Cotter,	Blacksmith,	5 Engel st.
Hiram E. Quimby,	Stone-cutter,	490 No. State st.
Andrew J. Abbott,	Farmer,	No. State st.
Patrick Ryan,	Stone-cutter,	50 Hutchins st.
Abial C. Abbott,	Street railway,	513 No. State st.
Thomas P. Hearn,	Engineer,	5 Engel st.
Thomas Pentland,	Blacksmith,	Lake st.
John Harrison,	Loom-fixer,	462 No. State st.
Fred W. Peabody,	Motorman,	412 No. State st.
James W. Powers,	Stone-cutter,	3 Fisher st.
William D. Harrington,	Blacksmith,	50 Hutchins st.
Roy Shepard,	Postoffice clerk,	Hutchins st.
Frank C. Blodgett,	Stone-cutter,	436 No. State st.
Theodore Wilmot,	Mill-overseer,	509 No. State st.
Edward Loverin,	Stone-cutter,	1 Clark st.
James F. Abbott,	Stone-cutter,	513 No. State st.
John P. Harrington,	Quarryman,	50 Hutchins st.
Alfred Fraser,	Stone-cutter,	458 No. State st.
Fred L. Besse,	Stone-cutter,	15 Lake st.
Joseph Daley,	Blacksmith,	455 No. State st.

VETERANS' AUXILIARY COMPANY.

OFFICERS.

D. B. NEWHALL, *Captain.* HENRY TUCKER, *Lieut.*

MEMBERS.

<i>Names.</i>	<i>Names.</i>
D. B. Newhall,	T. P. Davis,
Henry Tucker,	Joseph C. Eaton,
Fred. Leighton,	William W. Hill,
Ira C. Evans,	Lewis C. Carter,
J. E. Clifford,	George A. Mitchell,
A. M. Sumner,	Will C. Wingate,
C. A. Moulton,	Fred. U. Lane,
E. O. Wight,	F. H. Corson,
C. A. Herbert,	D. J. Rolfe,
James F. Ward,	E. L. Peacock,
Martin V. B. Davis,	Fred. K. Peacock,
Oliver Thompson,	R. M. Patten,
Frank E. Warren,	William Lynch,
Charles C. Hill,	George H. Davis,
Fred. S. Johnson,	James E. Holt,
Orlando I. Godfrey,	Robert Crowley,
Charles H. Smith,	James A. Johnson,
Henry Gibney,	J. G. Leighton.

FIRE-ALARM TELEGRAPH.

NUMBER AND LOCATION OF FIRE-ALARM BOXES.

For the purpose of uniformity in numbering the fire-alarm boxes, the city is divided into five districts, viz. :

DISTRICT 1. Embraces that section of the city north and west of Washington street, box 17 of this division being located on the south side of the street.

DISTRICT 2. Embraces all between School and Washington streets.

DISTRICT 3. Embraces all between Pleasant and School streets.

DISTRICTS 4 and 5. Embrace all south of Pleasant street. The first figure of the box number will indicate the district.

DISTRICT No. 1.

9. New Hampshire state prison.
12. Curtice avenue.
13. Franklin and Rumford.
14. Bradley and Walker.
15. Main and Church.
16. Franklin and Jackson.
17. Alert Hose house.
18. C. S. Gale's store.
19. Centre and Auburn.

DISTRICT No. 2.

21. State, opposite Court.
23. Main and Chapel.
24. Main and Centre.
25. Main and School.
26. Centre and Union.
27. School and Merrimack.
28. School and Spring.

DISTRICT No. 3.

- 32. Warren and Pine.
- 34. Central fire station.
- 35. Martin's drug store.
- 36. Pleasant and Spring.
- 37. Pleasant and North Fruit.
- 38. Orchard and Merrimack.

DISTRICT No. 4.

- 41. South and Thompson.
- 42. Good Will Hose house.
- 43. Main and Fayette.
- 45. Nelson & Durrell's store.
- 46. Perley and Grove.
- 47. South, opposite Downing.
- 48. Thorndike and South.
- 49. West and Mills.
- 412. Wall and Elm.
- 413. Main, opposite Thorndike.
- 414. State and West.

DISTRICT No. 5.

- 51. B. & M. R. R. new shops.
- 52. South Main and Allison.
- 53. Hall and Hammond.
- 54. Broadway and Pillsbury.
- 56. St. Paul's School.

PRIVATE BOXES.

- 5. Boston & Maine Railroad—north end passenger depot.
- 6. The Abbot-Downing Company.
- 7. New Hampshire Asylum for the Insane.
- 8. Page Belting Company.
- 31. Boston & Maine Railroad coal sheds.
- 33. State house.
- 55. Boston & Maine Railroad old repair shop.

In addition to the above private boxes there are three located inside the state prison, all numbered 9.

FIRE-ALARM SIGNALS.

1. Alarms rung in from boxes 31, 41, 42, 43, 45, 46, 47, 48, 49, 412, 413, 414, 51, 52, 53, 54, 55, and 56 will not be responded to by the Alert Hose company until signaled. The signal to proceed to the fire will be a second alarm, except 56.

Alarms rung in from boxes 8, 9, 12, 13, 14, 15, 16, 17, 18, 19, 21, 23, 26, 27, 32, 37, and 56 will not be responded to by the Good Will Hose company until signaled. It will be governed by the same signals governing Alert Hose company. The Alert Hose and Good Will Hose companies will hitch up and remain in readiness twenty minutes after the first alarm, to all boxes not responded to on first alarm. Then, receiving no signal (all out or second alarm), the officers in charge shall dismiss their companies.

Kearsarge Hose company will respond to all calls except 512.

Kearsarge steamer to all calls except 51.

Eagle Hose company to all calls.

Eagle steamer to boxes 5, 6, and 7, on first alarm; to boxes 23, 24, 25, 33, 34, 35, 42, 43, 45, and 413 on second; to all others on third, except 9 and 56.

Governor Hill steamer will respond to boxes 8 and 9 on first alarm; to boxes 5, 6, 7, 12, 13, 14, 15, 16, 17, 18, 19, 21, 26, 27, 28, 31, 32, 36, 37, 38, 41, 46, 47, 48, 49, 412, 414, 52, 54, and 55 on second; to all others on third.

Chemical engine will respond to all box alarms except 8, 9, 51 and 56.

Veterans' Auxiliary company will respond to all third alarms occurring before the recall, whether emanating from same box or not.

Two rounds of eleven strokes each will signalize the requirement of assistance out of town, and will be responded to by a detail of three men from each company, appointed for the purpose, and by those alone. Such apparatus will be detailed as circumstances warrant. In case further aid is necessary, box 34 (Central station) will follow.

All out signal, three strokes of the bells.

BRUSH FIRE SIGNAL.

Three rounds of four strokes each will be sounded on the bells, and will be responded to by a detail of four men from each company, appointed for the purpose, and by those alone.

MILITARY SIGNAL.

Two rounds of 3-1-2.

CONCORD STATE FAIR GROUNDS.

Two rounds of 5-1-2.

To be responded to by Good Will company and apparatus, Eagle company excepting engineers and stoker, Eagle wagon, Kearsarge engine, engineer and stoker, and Hook and Ladder company.

All apparatus excepting Kearsarge engine to return immediately to quarters with detail sufficiently large to reload and work apparatus should occasion require.

Companies not responding to remain in quarters until recall is sounded, in readiness to respond to summons by telephone.

SIGNALS FOR CLOSING SCHOOLS.

Two strokes of the bell given three times, with a pause of fifteen seconds between the rounds.

The signal to close for the forenoon session will be given at 8 o'clock.

The signal to close for the afternoon session will be given at 1.15 o'clock.

The signals to close all schools for one session will be given at 11.30 A. M.

TESTING SIGNALS.

For the purpose of testing the condition and accuracy of the fire-alarm telegraph, a box alarm will be rung in every Monday afternoon at 4.30 o'clock precisely. It will be one single round only, indicating by the strokes on the bells the number of the box. The boxes used for this purpose will vary each week, alternating in the circuits.

Upon each other week-day a single blow upon the bells will be struck from the button of a box, alternating as before mentioned.

THE FIRE-ALARM TELEGRAPH

is the "Gamewell" patent. It embraces 38 miles of wire.

On the lines are 38 fire-alarm boxes belonging to the city, and 10 private boxes,—in all 48. There are three alarm bells, one of 3,724 pounds (bell-metal), one of 3,740 pounds (bell-metal), and one of 2,000 pounds (American steel). There are also 16 mechanical tappers, 40 direct-action tappers, one four-circuit repeater, and four indicators.

The battery consists of 226 storage battery cells for the lines, and 34 open circuit battery cells for other electrical purposes.

The alarm system was installed in 1880 by the Gamewell Fire-Alarm Telegraph Company.

DIRECTIONS FOR GIVING AN ALARM.

Above all things, keep cool.

In each box there is a small bell called a "tell-tale," designed expressly for the purpose of informing you whether an alarm is being transmitted, the instant you open the door.

Open the box, and, if this bell is not heard, pull down the hook once only and let go.

But if this bell should be heard it would indicate that another box had been pulled and it would be useless to attempt to pull another until the one already pulled had performed its mission.

Wait until twenty seconds have elapsed after the "tell-tale" has stopped ringing, close the door, which will restore the armature to the position it left when the door was opened.

Open the door, pull down the hook once only and let go.

Should there be no response, pull it again.

Then, should there be no response, go to the next box.

Unless your presence is most urgently required at the scene of the fire, remain at the box to direct the department.

Never open the box or touch anything pertaining to it except in case of fire.

Never give an alarm for a fire seen at a distance.

Be reasonably sure that there is a fire before giving an alarm.

Never give an alarm for a chimney fire unless there is imminent danger of the building catching.

REGULATIONS OF CONCORD FIRE DEPARTMENT.

CITY OF CONCORD.

IN THE YEAR OF OUR LORD ONE THOUSAND NINE
HUNDRED AND TWO.

AN ORDINANCE RELATING TO THE FIRE DEPARTMENT.

*Be it ordained by the City Council of the City of Concord
as follows:*

SECTION 1. The fire department shall consist of a chief engineer, two assistants within the precinct, one engineer each from Ward 1, Ward 2, and Ward 3; two steamer and hose companies, one company to consist of thirteen men, including driver, and one company to consist of fourteen men, including drivers; one relief steamer [company] to consist of two men; two hose companies to consist of eleven men, including driver; a chemical engine company to consist of two men; a hook and ladder company to consist of twenty-one men, including driver; steamer Pioneer, not less than twenty or more than forty men; hand engine companies, No. 2 and No. 3, not less than twenty or more than thirty men each. The engineers shall exercise the powers of fire wards, and those within the precinct shall constitute the board of engineers.

SECT. 2. The chief engineer and assistant engineers and all other members of the fire department shall hold their respective offices and places until they are removed, or their offices or places are otherwise vacated. The board of mayor and aldermen, for cause, and after a due hearing, may at any time remove from office or place the chief engineer, any assistant engineer, or any officer or member of the department. In case of vacancies from any cause in the department, of officers or men connected in any manner with the fire service, such vacancies shall be filled by the board of mayor and aldermen.

SECT. 3. The chief engineer shall give his entire time to the duties of his office, and shall not engage in or be connected with any other business or occupation, and shall reside in a house to be furnished by the city free from rent. He shall receive in full for his services, in addition to the use of said house, rent free, the sum of ten hundred and fifty dollars per annum.

SECT. 4. The chief engineer shall have the sole command at fires over all persons, whether members of the fire department or not. He shall direct all proper measures for extinguishing fires, protecting property, preserving order, and enforcing the laws, ordinances, and regulations respecting fires; and shall examine into the condition of the fire engines and all other fire apparatus, and of the fire engine houses, and other houses belonging to the city and used by the department, and by the companies thereto attached, as often as once a week, and whenever directed to do so by the mayor, or the committee on fire department through its chairman. He shall certify all bills and submit the same for inspection monthly to the joint standing committee on fire department. He shall report to the city council annually a statement of the receipts and expenditures of the fire department, the condition of the fire engines and all other fire apparatus, a detailed schedule of the property in his charge, the names of the officers and members, and all other facts in relation to the department. Whenever the fire engines or other fire apparatus require repairs he shall, under the direction of the committee on fire department, cause the same to be made, and as far as practicable he shall examine into the location and condition of fire apparatus belonging to corporations or private individuals within the limits of the city. He shall require permanent men, when not otherwise engaged, to perform such other duties and do such other work as in his judgment may be deemed proper. He shall be responsible for the proper care of all property connected with the fire department. He shall keep fair and exact rolls of the respective companies specifying the time of admission

and discharge, and the age of each member, and shall report annually, or oftener if directed, all accidents by fire which may happen within the city, with the causes thereof, the number and description of the buildings destroyed or injured, and the amount of loss and insurance on the same, together with the names of owners or the occupants, and shall make returns as required by the laws of 1889, Chapter 84, and entitled: "An act in relation to returns and statistics of fires." He shall visit each department house as often as practicable, and inspect the men, the books of the house, and see that the quarters are properly conducted and in good order. He shall have the power to suspend any officer or member of the department for insubordination, disorderly conduct, or neglect of duty, said suspension to continue pending the action of the mayor and aldermen. The chief engineer shall examine all places where shavings and other combustible materials may be collected or deposited, and cause the same to be removed by the tenants or occupants of such places, or at their expense, whenever in his opinion such removal is necessary for the security of the city against fires.

SECT. 5. In the absence of the chief engineer, the next assistant engineer in rank, who may be present, shall have the powers and perform the duties of the chief engineer and the seniority in rank of the engineers shall be determined by the board of engineers at their first meeting.

SECT. 6. The foreman of each engine, hose, and hook and ladder company, immediately after every fire at which said company may have attended, shall examine into the condition of the fire apparatus belonging to his respective company, and report any deficiency which may exist to the chief engineer. He shall keep, or cause to be kept by the clerk of his company, exact rolls, specifying the time of admission, discharge, and age of each member, and accounts of all city property entrusted to the care of the several members, and of all cases of absence and tardiness, in a book provided for that purpose by the city, which rolls and record

books are always to be subject to the order of the chief engineer and mayor. They shall also make, or cause to be made, to the chief engineer, true and accurate returns of all members, with their ages, and of the apparatus entrusted to their care, whenever called upon so to do.

SECT. 7. The foreman of each company shall, under the direction of the chief engineer, have charge and management of his company at fires; the assistant foreman shall assist the foreman in the discharge of his duties, and act as clerk of the company, and in the absence of the foreman assume his authority. The foreman and assistant foreman shall be appointed by the chief engineer.

SECT. 8. The stewards of the Alert and Good Will Hose companies shall act as drivers of hose carriages, take charge of and properly care for and exercise the horses used by each company. They shall be permanently engaged and devote their whole time to the department, and sleep in their respective hose houses at night; and for the proper execution of all duties required of them shall be subject to the direction of the chief engineer.

SECT. 9. It shall be the duty of every engine, hose, and hook and ladder company to have its engine, hose and other apparatus, cleaned, washed, oiled, reeled and housed immediately after its return from any fire or service, and at all times to maintain the same in good condition, and the members of the several companies shall perform any necessary duties which the chief engineer or their respective foreman may direct.

SECT. 10. All members of the department when on duty shall wear some suitable badge, to be designated by the board of engineers. The chief and permanent members shall wear at all times when on duty the regulation parade uniform worn by the fire department.

SECT. 11. The pay rolls for the board of engineers and the several fire companies shall be made up by the chief and clerk of the board of engineers semi-annually, on the first day of January and July. Foremen and clerks of companies

will forward their pay-rolls to the board of engineers for approval and after the action of said engineers and the approval of the city auditor and the committee on accounts and claims, said pay-rolls shall be passed over to the city tax collector, under whose sole direction all sums for services of call firemen shall be disbursed.

SECT. 12. No charge for extra services will be allowed any member of the department unless upon an order of a member of the board of engineers.

SECT. 13. No engine, hose or hook and ladder carriage shall be taken to a fire out of the city without permission from the chief engineer, except steamer Pioneer, which may be taken to any fire in the village of Penacook, nor shall any apparatus of the fire department be taken from the city except in case of fire, without permission from the board of mayor and aldermen; and in sending any apparatus to aid in extinguishing fires in neighboring localities, the chief in all cases will authorize his assistant next in rank available to take charge of the direction of such apparatus, and not allow any fireman, at such an emergency, to leave the city, except such a number as is actually required to man the apparatus, and no member to leave without permission or direction from the chief engineer.

SECT. 14. It shall be the duty of engineers and firemen, whenever there is an alarm of fire in the city, to repair immediately to the place of such fire, wearing a suitable badge, and the engineers shall take proper measures that the several engines and other apparatus be arranged and duly worked for the speedy and effectual extinguishment of the fire. The engineers shall inspect and make themselves familiar with all shops, hotels, tenement blocks, and all public buildings, halls, churches, schoolhouses, and asylums once in each six months, and study the location of all hydrants and reservoirs in the city, and generally inform themselves in all matters pertaining to their duties as engineers. No engineer shall interfere with or attempt to give orders relative to the location or use of a line of hose, when he has ascertained that another has

command of it, unless by consent of the engineer in command of it, or by orders of the officer in command of the fire; and it shall be his duty to inquire if there is an officer in charge.

SECT. 15. For each absence from fire, or neglect of duty, the chief engineer, the assistant engineers, and engineers of steamers shall be fined three dollars, and each other member of the department one dollar; provided, however, that any fireman liable as above may in case of sickness have power of substitution by giving notice, each assistant engineer to the chief, each foreman to an engineer, and each other member to the foreman of his company. All fines shall be paid to the clerks of respective companies at the first regular meeting after they are incurred. The clerks of companies shall disburse the fines to substitutes answering for absent members in cases where there were substitutes. In cases where there were no substitutes the fines shall be paid to the city.

SECT. 16. Any volunteer company using the apparatus of the city at any fire shall be under the control and command of the chief engineer and his assistants, agreeably to the foregoing provisions of this chapter.

SECT. 17. The department shall appear for public parade, drill and inspection at such times as the chief engineer and committee on fire department shall order, for which purpose three hundred dollars can be expended annually. The companies in Wards 1, 2, and 3 will attend by invitation and voluntarily. Each company in the department under the direction of the chief engineer or assistants shall take out their respective engines and apparatus for exercise and drill as often as he shall direct, such exercise and drill to take place in public, not oftener than once a month, and at least once in two months, between the first of April and November.

SECT. 18. The engineers shall have control of all persons appointed to serve in any company of the fire department and power to direct and control the labor of all persons present at any fire. An engineer may and shall cause any fire deemed by him to be dangerous in any place to be extinguished or removed.

SECT. 19. The engineers may establish such regulations respecting the kindling, guarding, and safe-keeping of fires, and for the removal of shavings and other combustibles from any building or place, as they shall think expedient. Such regulations shall be signed by a majority of the engineers. Such regulations shall be approved by the mayor and aldermen, recorded by the city clerk, and copies attested by him posted up in two or more places in the city thirty days, when they shall take effect. Penalties not exceeding twenty dollars for each offense may be prescribed by the engineers for the breach of such regulations, and such regulations shall remain in force until altered or annulled.

SECT. 20. The board of engineers may from time to time make and enforce such regulations for the government of the department as may be deemed proper, subject to the approval of the board of mayor and aldermen.

SECT. 21. If any member of any of the several companies shall willfully neglect or refuse to discharge his duty, or shall be guilty of disorderly conduct or disobedience to any officer or to any engineer he shall for any such offense be forthwith dismissed from the department by direction of the chief engineer. No person shall be a member of, or serve in, the fire department, who is under the age of twenty years, and no person whose occupation is carried on outside the city shall be appointed a member of the fire department.

SECT. 22. All applicants for membership shall be nominated by the chief engineer, and shall receive pay and be considered members of the department from the date of their confirmation by the board of mayor and aldermen.

No person shall hereafter be appointed to any position in the fire department unless and until the committee on fire department shall have certified in writing to the board of mayor and aldermen that such person has been examined by them, or under their supervision, and is in their opinion qualified to perform the duties of the position to which he is nominated.

No officer or member of the permanent, or officer of the call, force shall attend any political convention as a delegate,

distribute tickets at any election, or take any part whatever in political matters other than to exercise the right of suffrage, and no political or religious discussion shall be permitted in any of the department houses.

SECT. 23. The chief engineer shall have the care and management of the rooms, apparatus, machinery, wires, poles, and signal boxes connected with the fire-alarm telegraph. He shall prepare rules and directions for giving alarms of fire through the telegraph. He shall have the superintendence, and under the direction of the joint standing committee on the fire department have control of the several stations, the apparatus, the furniture therein, and all other property appertaining to the department. He shall, with the assistance of the permanent men at the Central station, make the necessary repairs and take care of the fire-alarm system, including the batteries, all alarm boxes, and everything pertaining to the fire-alarm system. He shall personally be able to master the fire-alarm in every particular, and every permanent man at the Central station shall be obliged to understand the fire-alarm system, in order that the chief engineer may call upon any of them to attend to and repair any part of the same. This provision shall not be construed to prevent the chief engineer from employing extra linemen when necessary, or from acting promptly in any emergency.

SECT. 24. Permanent officers and men of the department shall be entitled to a vacation, without loss of pay, of fourteen days in each year, to be granted under the direction of the chief engineer.

SECT. 25. The joint standing committee on fire department, subject to the board of mayor and aldermen, shall by themselves or agent purchase all supplies in connection with the fire department, and direct all repairs of houses and apparatus; and all bills contracted for the department must receive their approval before being passed on by the committee on accounts and claims. They shall hold stated meetings at least once each month at the Central fire station, and all communications to the city government from the fire department

must come through said committee, and annually at the call of the finance committee, in connection with the chief engineer, they shall make recommendations as to the amount of appropriations the wants of the department will require for the coming year.

SECT. 26. The city marshal and regular police officers shall have in charge all matters relating to the removal and protection of personal property endangered by fire, and any person entering a building or removing property contrary to the orders of the city marshal or such police officers, shall be fined five dollars; and in the absence of firemen at fires from their respective department houses, the policemen in that vicinity will take charge of said houses.

SECT. 27. It shall be the duty of the chief engineer to cause all snow and ice or other obstructions to be removed from and around all fire hydrants owned by the city, so that at all times the fire department can make immediate connection of the hose to the hydrants.

SECT. 28. The annual pay of the members of the fire department shall be as follows, and in full for all services:

Chief, ten hundred and fifty dollars per annum and house-rent; permanent force at Central fire station, seven hundred and twenty-eight dollars each; drivers at Good Will and Alert hose houses, seven hundred and twenty-eight dollars each per annum, paid monthly; assistant engineers, within the precinct, one hundred and twenty-five dollars each; engineers of steamers, within the precinct, one hundred and fifteen dollars each; foremen of companies, within the precinct, each ninety dollars per annum; assistant foremen of companies, within the precinct, eighty-five dollars per annum; members of steamer, hose, and hook and ladder companies, within the precinct, eighty dollars per annum; outside the precinct, engine companies Nos. 2 and 3, two hundred and forty dollars each, and Pioneer Steamer company, No. 3, five hundred dollars; said sums to be divided among the members as each company shall direct; engineer of steamer at Penacook, seventy-five dollars per annum; assistant engineer

at Penacook, twenty-five dollars; assistant engineer at East Concord, fifteen dollars; and assistant engineer at West Concord, twenty dollars.

SECT. 29. The several engineers residing in Wards 1, 2, and 3 shall have the entire care and control, under the direction of the chief engineer, of the buildings and appurtenances occupied in part by the fire department situated in said wards, respectively, to whom all applications for the use of the halls, or any other part of such building, shall be made. Said engineers may severally appoint janitors, who shall serve under the exclusive direction of the engineer having the care and control of the buildings where said janitor shall be appointed. Each of said engineers shall annually, in the month of December, render a detailed statement, in writing, to the mayor and aldermen, of all receipts and expenditures for the preceding year on account of such buildings.

SECT. 30. Stewards for the Pioneer Steamer company and engine companies Nos. 2 and 3 shall be appointed by the mayor and aldermen, and shall receive for all services performed by them in that capacity the following sums: For Pioneer Steamer company, thirty dollars per annum, and when performing the duties of janitor of the building an additional sum of forty-five dollars per annum; and for stewards of engine companies Nos. 2 and 3, each fifteen dollars per annum. No steward shall be allowed to purchase supplies for such building, or for the department, unless by the authority and direction of the committee on fire department; and in no case shall he have any care or control of the building or its appurtenances occupied by the company of which he is a member, except in the immediate service of the company, unless he shall be appointed janitor thereof, when he shall be under the direction of the engineer, as provided in the foregoing section.

SECT. 31. The permanent men and horses at all of the fire stations in Concord shall at all times be on duty at their respective stations to attend to fire-alarm calls; and neither

the permanent men nor the permanent horses connected with the fire department shall engage in any work for any other department of the city.

The men at the different fire stations shall do such work in connection with the station and apparatus as the chief engineer or his assistants may direct. All permanent men shall lodge in their respective stations (except chief), and in all cases of absence a substitute must be furnished; and in all cases when any extra service is required, the chief, with the sanction of the committee on fire department, shall have power to hire the same; the chief may also increase as far as possible the number of call men that wish to lodge at any fire station, subject to the regulations of the fire department. The chief engineer shall be furnished with a horse and wagon, to be maintained by the city, for his use at all times.

SECT. 32. All alarms for brush or forest fires shall be responded to by members of the fire department under such rules and regulations as shall be prescribed by the chief engineer.

SECT. 33. All ordinances and parts of ordinances inconsistent with this ordinance are hereby repealed; but such repeal shall in no wise revive or put in force any ordinance heretofore repealed, and this ordinance shall take effect upon its passage.

Passed February 11, 1902.

ADDITIONAL REGULATIONS.

ARTICLE 1. Any engine or hose company running out a line of hose from a hydrant or steamer shall be entitled to the pipe, although the hose of other companies may be attached, in order to reach the fire. And any company coming to a fire, and finding an incomplete line of hose laid out from a hydrant or steamer, shall attach to and lengthen out such line, in lieu of laying a line of its own.

ART. 2. When two or more engine companies are playing in a continuous line, the pipe shall belong to the company attaching to hydrant or steamer as provided in the foregoing article; but any company furnishing the entire line, and receiving water from a steamer, the pipe shall belong to such company so receiving.

ART. 3. Hose companies shall attach first lines to high pressure hydrants where accessible; steamers attaching to those of low pressure, or reservoir.

ART. 4. No company shall take possession of a hydrant or reservoir unless their hose and apparatus for attaching to the same are at hand and ready for use.

ART. 5. In proceeding to, working at, or returning from fires, noisy demonstrations are strictly prohibited, and it is required of officers of companies to maintain perfect order and decorum in their respective commands during all such service.

ART. 6. In case of fire the foreman first arriving shall be in command until the arrival of an engineer.

ART. 7. Drivers are strictly enjoined, in proceeding to a fire, to use the utmost care and caution consistent with promptness. Racing between companies is forbidden under any circumstances. Any collision or casualty occurring to horses or apparatus will be considered a sufficient cause for the suspension of the driver in charge at the time.

ART. 8. Fire hats are furnished by the city for the protection and identification of firemen, and they must be worn at all fires except in the severest weather, when caps may be worn.

ART. 9. While attending fires it shall be the duty of members of the department, when not performing active service, to concentrate about their respective pieces of apparatus.

ART. 10. All engine and hose companies responding to second or general alarms will connect, but will not lay their lines until they have reported to the officer in command for orders.

ART. 11. The wearing of badges shall not be regarded by members of the department as conveying to them the privilege of free access to premises after fire has been extinguished.

ART. 12. All members of the department shall address all officers by their respective titles while on duty at fires.

ART. 13. The roll of each company shall be called as soon as the apparatus is housed, and no member will be excused except in case of sickness. Rolls must be called after every alarm. No officer or member will be marked present on the company roll unless present at fires and returns to house with apparatus, unless excused by an engineer.

ART. 14. Each company shall be allowed three substitutes, to be approved by the chief engineer.

ART. 15. All orders issued by the chief or an assistant engineer shall be promptly obeyed. At all fires occurring in the night, the chief engineer shall be identified by a red light, assistant engineers by blue lights.

ART. 16. Members of the department are expected to cheerfully comply with all rules and regulations which are adopted or which may be adopted. Foremen will be held responsible for all lack of promptness and efficiency in their commands.

FIRE-HYDRANTS.

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

FIRE-HYDRANTS.—Continued.

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

FIRE-HYDRANTS.—Continued.

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

FIRE-HYDRANTS.—Continued.

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

FIRE-HYDRANTS.—*Concluded.*

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

CITY OF CONCORD, N. H.

WATER DEPARTMENT.

1901.

BOARD OF WATER COMMISSIONERS.

HARRY G. SARGENT, Mayor, *ex officio*.

SOLON A. CARTER to March 31, 1905.
OBADIAH MORRILL to March 31, 1905.
JOHN WHITAKER to March 31, 1904.
HENRY E CONANT to March 31, 1904.
EDSON J. HILL to March 31, 1903.
GEORGE D. B. PRESCOTT to March 31, 1903.
WILLIAM P. FISKE to March 31, 1902.
WILLIAM E. HOOD to March 31, 1902.

WILLIAM P. FISKE, *President*.

WILLIAM E. HOOD, *Clerk of Board*.

Superintendent.

V. C. HASTINGS.

Clerk.

ALICE G. COCHRAN.

Foreman.

PERCY R. SANDERS.

Inspector.

HARRY E. STEVENS.

Engineer.

HENRY A. ROWELL.

CONCORD WATER BOARD.

Date of election and length of service of members.

Abraham G. Jones, <i>ex officio</i>	. 1872—three months.
John M. Hill *	. . . 1872—1878.
Benjamin A. Kimball	. . . 1872—1878.
Josiah Minot *	. . . 1872. Resigned Jan. 10, 1874.
David A. Warde *	. . . 1872—1874.
Edward L. Knowlton *	. . . 1872. Resigned Sept. 25, 1875.
Benjamin S. Warren *	. . . 1872—1873.
John Kimball, <i>ex officio</i>	. . . 1872—1876.
John Abbott *	. . . 1873—1876.
John S. Russ *	. . . 1874—1877.
Abel B. Holt *	. . . 1874—1877.
Samuel S. Kimball *	. . . 1875. Resigned July 1, 1891.
Geo. A. Pillsbury, <i>ex officio</i> *	. . . 1876—1878.
Luther P. Durgin *	. . . 1876—1885.
John Kimball	. . . 1877. Resigned July 1, 1891.
William M. Chase	. . . 1877. Resigned July 1, 1891.
Horace A. Brown, <i>ex officio</i>	. . . 1878—1880.
James L. Mason *	. . . 1878—1893.
James R. Hill *	. . . 1878. Died 1884.
Geo. A. Cummings, <i>ex officio</i>	. . . 1880—1883.
Edgar H. Woodman, <i>ex officio</i> *	. . . 1883—1887.
Joseph H. Abbot *	. . . 1884—1893.
George A. Young	. . . 1885—1894.
John E. Robertson, <i>ex officio</i>	. . . 1887—1889.
Stillman Humphrey, <i>ex officio</i> *	. . . 1889—1891.
Henry W. Clapp, <i>ex officio</i> *	. . . 1891—1893.
Willis D. Thompson	. . . 1891—1895.
William P. Fiske	. . . 1891. Now in office.

*Deceased.

James H. Chase *	.	.	1891.	Died in 1893.
John Whitaker	.	.	1892.	Now in office.
Henry E. Conant	.	.	1892.	Resigned Jan. 8, 1895.
Parsons B. Cogswell, <i>ex officio</i> *			1893-1895.	
Solon A. Carter	.	.	1893.	Now in office.
Frank D. Abbot	.	.	1893-1901.	
William M. Mason	.	.	1893-1899.	
William E. Hood	.	.	1894.	Now in office.
Henry Robinson, <i>ex officio</i>	.	.	1895-1897.	
Ebenezer B. Hutchinson	.	.	1895.	Resigned Jan. 10, 1899.
Edson J. Hill	.	.	1895.	Now in office.
Albert B. Woodworth, <i>ex officio</i>			1897-1899.	
Nathaniel E. Martin, <i>ex officio</i>			1899-1901.	
Henry E. Conant	.	.	1899.	Now in office.
Timothy P. Sullivan	.	.	1899.	Resigned May 14, 1901.
Harry G. Sargent, <i>ex officio</i>	.	.	1901.	Now in office.
Obadiah Morrill	.	.	1901.	Now in office.
George D. B. Prescott	.	.	1901.	Now in office.

PRESIDENTS OF THE BOARD.

Josiah Minot *	.	.	1872.	Resigned Jan. 10, 1874.
Benjamin A. Kimball	.	.	1874-1875.	
Edward L. Knowlton *	.	.	1875.	Resigned Sept. 25, 1875.
John Kimball	.	.	1875-1876.	
Benjamin A. Kimball	.	.	1876-1878.	
John Kimball	.	.	1878.	Resigned July 1, 1891.
William P. Fiske	.	.	1891.	Now in office.

*Deceased.

SUMMARY STATISTICS.

CONCORD, NEW HAMPSHIRE, WATER-WORKS.

Population of the city by census of 1900	19,632
Population of that portion of the city included within the water precinct, estimated	17,000

Date of construction, 1872; additions since.

Works are owned by the city.

Source of supply, Penacook lake, a natural body of water containing 265 acres, situated about three miles and a half from the state house, and about 125 feet higher than Main street in front of the state house.

Mode of supply, gravity and pumping to reservoir.

FINANCIAL.

MAINTENANCE.

Receipts.	Expenditures.
From consumers, mostly for domestic uses \$62,172.56	For care and maintenance . . . \$3,676.88
From rents . . . 91.64	For repairs on cement-lined pipe . . . 485.41
From pipe sold, etc. . 63.78	For new distribution pipes . . . 21,228.53
	For new service-pipes . 1,563.23
	For maintenance of pumping-station . 2,597.68
	For inspection . . . 660.00
	For meter account . 1,972.08
	For land at Penacook lake . . . 2,782.55
	For incidental expenses 253.98
	For abatements . . . 74.37
	<u>\$35,294.71</u>
	Amount required to pay interest on bonded indebtedness . . . 25,700.00
	Balance . . . 1,333.27
<u>\$62,327.98</u>	<u>\$62,327.98</u>

CONSTRUCTION.

Cost of land damages, flowage, and water rights :

Paid B. F. & D. Holden, for water rights	\$60,000.00
Concord Manufacturing Co., for water rights	83,000.00
W. P. Cooledge, for mill privilege and land	5,500.00
Humphrey & Farnum, for kit-shop privilege	5,000.00

Paid Flowage rights around Penacook lake	\$4,375.61
W. P. Cooledge, Hutchins house and lot	2,250.00
Mary C. Rowell, for land	1,500.00
Moses H. Bradley, "	5,000.00
Joseph B. Walker, "	2,214.00
John G. Hook, "	370.00
A. S. Ranney, "	1,350.00
Alfred Roberts, "	1,275.00
Charles E. Ballard, "	2,500.00
Mary G. Carter, "	1,250.00
Elizabeth Widmer, "	1,564.50
A. L. Proctor, "	450.00
Robert Crowley, "	3,000.00
Miles Hodgdon, "	2,200.00
Heirs of Lowell Brown, "	1,032.55
Coffin & Little, "	800.00
O. F. Richardson, "	100.00
Cook & Hood, "	1,750.00
C. H. Amsden, water and flowage rights	5,000.00
Cost of property and rights of Torrent Aqueduct Association	20,000.00
dam, gate-house and appurtenances	30,756.17
conduit and gate-houses	29,484.05
mains (low service main and pump main from the dam to Penacook street, force main from the pump to the reservoir, fire main through North and South Main streets, and supply main from near the dam to Stark street)	160,960.92
distribution pipe	300,341.38
service-pipe	44,053.18
reservoir	42,460.09

Cost of pumping-station, shop, stable and	
storehouse	\$22,000.00
pumping machinery	10,215.00
engineering and superintendence	14,913.12
incidentals	6,531.19
	\$873,196.76
Cost of works, January 1, 1902	\$873,196.76

Bonds of the city have been issued to pay a part of said cost, of which the following are still outstanding :

When due.	Rate.	Amount.
Jan. 1, 1902,	4,	\$10,000.00
Jan. 1, 1903,	4,	10,000.00
Jan. 1, 1904,	4,	10,000.00
Jan. 1, 1905,	4,	10,000.00
Jan. 1, 1906,	4,	10,000.00
Jan. 1, 1907,	4,	10,000.00
Jan. 1, 1908,	4,	10,000.00
Jan. 1, 1909,	4,	10,000.00
Jan. 1, 1910,	4,	5,000.00
Jan. 1, 1911,	4,	5,000.00
Jan. 1, 1911,	3,	10,000.00
Oct. 1, 1912,	4,	45,000.00
Jan. 1, 1913,	4,	10,000.00
Jan. 1, 1914,	4,	10,000.00
Jan. 1, 1915,	4,	10,000.00
Jan. 1, 1916,	4,	10,000.00
Jan. 1, 1917,	4,	10,000.00
Jan. 1, 1918,	4,	10,000.00
Jan. 1, 1919,	4,	10,000.00
Nov. 1, 1920,	3,	10,000.00
Nov. 1, 1921,	3,	5,000.00
Mar. 1, 1922,	3½,	20,000.00
Jan. 1, 1923,	4,	400,000.00
		\$650,000.00

REPORT OF WATER COMMISSIONERS.

To the City Council :

The Board of Water Commissioners submit herewith their report for the year 1901. The report of the superintendent, which is a part of this report, exhibits in detail the work of the department.

Mr. Frank D. Abbot, who was elected a commissioner in 1893, and who occupied the office of secretary of the board, resigned, and Mr. Obadiah Morrill was chosen to fill the vacancy; and Mr. Timothy P. Sullivan, who was elected in 1899, also resigned, and Mr. Geo. D. B. Prescott was elected to fill the vacancy. These gentlemen have served faithfully and ably, and it is a regret that their business relations have called them from the city.

The year has marked the completion of the 20-inch main to Penacook lake to take the place of the cement-lined main laid at the beginning of the works; thus a serious menace has been overcome.

More pipe has been relayed than in many previous years, so that if in the coming five years we can continue this important work, the city will practically be relaid with cast-iron pipe, and in a way that shall not call for a large expenditure in any one year. The weakness of the old pipe is evident by the frequent leaks, but each year makes it easier to control them. A feature of the relaying with new pipe is the necessity of much expense in changing over the service-pipe and setting of gates, also, connecting with the hydrants.

The payment of the hydrant rental by the city has enabled the board to push the work, and the expectation is that the plans suggested by the superintendent in his report will be carried out.

The good results of the pumping station have been maintained during the year ; the pump having been in commission constantly for ten years shows the careful management of the engineer.

It may be wise, to guard against any mishap in the future, to look at the matter of an auxiliary pump.

The continued use of meters, while it will have the effect of lessening the income, prevents a waste of water. The number now in use is 1,142.

The building of cottages on the eastern shores of Lake Penacook has been prosecuted to an alarming extent, so that the Board have made purchases of the shores now unoccupied, to prevent encroachment. The purity of our drinking water is vital, and the Board will endeavor to use such methods as seem to them to best reach that end.

The height of the water is gratifying, but on account of it some needed repairs have not been made on the face of the dam.

The Board desire to express their appreciation of the satisfactory manner in which the superintendent and his assistants have carried on their individual work during the past year.

Respectfully submitted,

SOLON A. CARTER,
OBADIAH MORRILL,
JOHN WHITAKER,
HENRY E. CONANT,
EDSON J. HILL,
GEORGE D. B. PRESCOTT,
WILLIAM E. HOOD,
WILLIAM P. FISKE,
HARRY G. SARGENT, *ex officio*,

Water Commissioners.

REPORT OF THE SUPERINTENDENT.

To the Board of Water Commissioners:

I herewith present to you the thirtieth annual report of the operations of this department, showing the receipts, expenditures, and abatements, together with a statement of extensions and improvements made during the year ending December 31, 1901.

RECEIPTS.

For water, from consumers by fixed rates	\$30,240.99
For water, from consumers by meter rates	31,762.73
From delinquents	58.70
For water used for building purposes	110.14
For rents	91.64
For water-wheel sold	40.00
For pipe sold, etc.	23.78
	<hr/>
	\$62,327.98
Deduct abatements	74.37
	<hr/>
Net receipts for 1901	\$62,253.61

EXPENDITURES.

General Expenses.

Paid pay-rolls, salaries, and labor	\$10,894.74
Nathaniel White, Jr., rent of office and heating	350.00
S. G. Sanborn, rent of shop in Penacook and smith-work	24.80
Rumford Printing Co., printing	89.45
Ira C. Evans, printing	84.40

Paid Frank L. Sanders, books, etc.	\$28.15
E. C. Eastman, office supplies	2.13
Library Bureau, card cases and supplies	46.50
Concord Light & Power Co, gas	11.70
N. E. Telephone & Telegraph Co., telephones	129.00
J. M. Stewart & Sons Co., office supplies, etc.	29.43
Humphrey Dodge Co., hardware	51.64
Thompson & Hoague, hardware	73.05
D. Waldo White, grain	137.29
H. H. Crowell, slab wood	15.00
C. H. Martin & Co., lard oil, etc.	10.45
Batchelder & Co., oil, etc.	28.94
Woodworth & Co., cement, etc.	35.70
Dickerman & Co., cement	14.80
A. C. Sanborn, dynamite and care of horses	7.25
C. W. Dadmun, electrical supplies	5.40
Samuel Holt, brick	4.00
Z. F. Swain, brick	3.60
Sewall & Day Cordage Co., jute packing	40.35
Page Belting Co., leather valves	14.40
Smith & Anthony, repair bands	4.20
U. S. Cast Iron Pipe & Foundry Co., cast-iron pipe	10,295.78
Builders Iron Foundry, castings	35.63
Ford & Kimball, castings	31.27
Concord Foundry Co., castings	27.70
Ludlow Valve Manufacturing Co., gates and hydrants	1,423.80
R. D. Wood & Co., hydrant sup- plies	76.50
Richards & Co., pig lead	908.66
Boston Lead Mfg. Co., lead pipe	86.94

Paid J. H. Cunningham Co., pipe and fittings	\$197.34
Walworth Mfg. Co., gate boxes and tools	203.02
Sumner-Goodwin Co., tools and fittings	138.23
The George Woodman Co., fittings	5.10
Goodhue & Milton, fittings . .	9.69
Hays Mfg. Co., service boxes . .	173.28
National Meter Co., meters . .	727.00
Thomson Meter Co., meters . .	702.24
E. B. Hanchay, smith-work . .	180.85
Ross W. Cate, smith-work . .	22.05
J. M. Crossman, smith-work . .	56.95
Concord Axle Co., steel and machine work	5.75
J. D. Johnson & Son, repairs . .	11.60
George D. Huntley, repairs . .	10.85
George L. Theobald, team work .	252.90
O. F. Richardson & Son, team work	75.64
J. H. Coburn, team work	4.20
Fellows & Clark, use of horse . .	10.50
E. B. Hutchinson Building Co., lumber and labor	26.31
Rowell & Plummer, mason-work	39.62
James Cookson, whitewashing . .	4.60
J. H. Rowell & Co., repairing concrete	43.00
J. H. Flood, use of derrick . . .	4.00
M. J. Duffy, use of derrick . . .	3.50
J. L. Quinn, use of derrick . . .	2.00
Engineering News	5.00
Morrill & Danforth, insurance . .	114.46
Eastman & Merrill, insurance . .	32.50
Chase & Martin, insurance . . .	25.00
Boston & Maine Railroad, freight and repairing siding	1,332.49

Paid Concord Street Railway, car tickets	\$50.00
town of Webster, taxes . . .	56.00
heirs of Lowell Brown, land at Penacook lake	1,032.55
Cook & Hood, land at Penacook lake	1,750.00
E. B. Morse, horse	125.00
A. G. Cochran, clerk, cash paid out	113.98
incidentals	52.81
	<hr/> \$32,622.66

Pumping-Station Expenses.

Paid pay-rolls, engineer and fireman . .	\$1,510.00
C. H. Stevens & Co., coal	822.89
H. H. Crowell, slab wood	69.00
Vacuum Oil Co., oil	55.69
A. W. Chesterton & Co., packing . . .	16.14
Knowlton Packing Co., packing . . .	10.24
N. E. Roller Grate Co., grate	56.00
Henry R. Worthington, valve spring	6.30
Rowell & Plummer, mason-work . . .	9.14
J. H. Sanborn, mason-work	4.00
Humphrey-Dodge Co., supplies	7.75
Thompson & Hoague, supplies	2.50
Boston & Maine Railroad, freight . .	2.50
Concord Light & Power Co., gas . . .	6.15
New England Telephone & Tele- graph Co., telephones	19.38
	<hr/> \$2,597.68
Total expenditures for 1901	<hr/> \$35,220.34

The expenditures are divided as follows :

General Expenses.

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

Pumping-Station Expenses.

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

EXTENSIONS AND IMPROVEMENTS.

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

On main line,

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

In South State street,

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

In South street,

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