George N. Ash burial	.50	
Dr. A. H. Robinson "	3.50	
Mrs. E. L. Hall "	3.00	
A. A. Woodward, "	3.00	
Levi Lamprey, repairs	3.00	
J. F. Webster, care	1.00	
Mrs. S. F. Cushing, care and repairs	2.00	
J. E. Hoyt, M. D., labor	1.00	
John F. Wilson, care	1.00	
Mrs. N. Carter, "	1.50	
Joseph Stickney, "	5.00	
Miss Hopkins' lot "	1.00	
C. H. Edmunds' estate, burial	3.00	
Mrs. George E. Todd, repairs	1.00	
		$95.81

Income From Trust Funds.

William Abbott	$4.00	
Timothy K. Blaisdell	4.00	
John F. Chaffin	1.50	
Theodore French	3.50	
Harvey J. Gilbert	1.00	
William T. Locke	4.00	
Samuel and David L. Morrill	4.00	
True Osgood	3.00	
Mrs. E. A. Pecker	5.50	
Hiram Richardson	13.00	
Nathan Stickney	2.00	
Abigail Sweetser	5.00	
Timothy and Abagail B. Walker	7.00	
Paul Wentworth	5.00	
		$62.50
		$158.31

West Concord Cemetery.

Pay-rolls (city treasurer)	$87 63	
		$87.63

Millville Cemetery.

Abbott, Isaac N., treasurer	50.00	
		$50.00

Pine Grove Cemetery.

French, Scott, treasurer	$25.00	
		$25.00

ENGINEERING DEPARTMENT.

Pay-rolls	$2,511.82	
Concord Light & Power Co.	1.05	
Chase, J. G., Agt.	1.00	
Dunklee, N. A.	71.00	
Dutton, J. S.	204.00	
Fernald, W. J.	2.00	
Globe Horse Shoeing Co.	1.90	
Gurley, W. & L. E.	1.00	
Hanchay, E. B.	.50	
Howe, W. B.	98.81	
Hutchinson, E. B. Bld'g Co.	21.00	
Larkin, J. C.	2.00	
Lee Bros.	.69	
Saltman, E. G.	66.64	
Thompson & Hoague	.65	
Wilson, George W.	2.45	
		$2,986.51

WEST CONCORD SEWERAGE PRECINCT.

Pay-rolls	$387.33	
Caldbeck, John	.75	
Crossman, J. M.	.20	
Ford & Kimball	54.81	
Holt, Samuel	58.00	
Humphrey-Dodge Co.	121.90	
Parmenter & Co.	.60	
Partridge, C. O.	1.20	
Riford, W. L.	1.75	
Rowell & Plummer	16.40	
Thecbald, Geo. L.	8.70	
Thompson & Hoague	241.19	

Woodworth & Co.	19.55	
		$912.38
Interest		680 00
City Treasurer		500.00
		$2,092.38

STREET SPRINKLING.

City treasurer	$2,283.72	
Abbott Downing Co.	2.25	
Concord Water Works	700.00	
Eastman, Samuel	52.00	
Goodhue & Milton	30.42	
Huntley & Tenney	14.95	
Martin C. H. & Co.	36.65	
		$3,119.99

EAST CONCORD SEWER PRECINCT.

Frye, John E.	$12.00	
City treasurer	100.00	
Interest	70.00	
		$182.00

SOUTH END SEWER.

Fellows, Lyman R. & Son	$919.25	
Simons, J.	1.00	
		$920.25

PENACOOK SEWERAGE PRECINCT.

Baty Isaac	1.60
Coburn, J. A.	4.23
Concord Axle Co.	1.80
" Foundry Co.	11.50
" Water Works	8.95
Cunningham, W. B.	5.45

Davis, E. L.	7.35	
Ellsworth, C. J.	4.10	
Farrand, J. C.	.14	
Fisherville Saw Co.	1.75	
Foote, Brown & Co.	16.44	
Ford & Kimball	20.50	
Gale, N. S. & Co.	46.43	
Holt, F. B.	.40	
Knowlton, A. W.	6.12	
Locke, G. S.	.20	
Rines, John E.	5.50	
Rolfe, C. M. & A. W.	32.70	
Sargent & Co.	.40	
Sanborn, S. G.	8.10	
Sanders, C. H.	535.07	
Symonds Table Co.	.20	
Thompson & Hoague	20.40	
		$739.33
City Treasurer		500.00
Interest		940.00
Bonds		5,000.00
		$7,179.33

OPEN AIR CONCERTS.

Nevers' Third Regiment Band	$300.00

POLICE STATION, PENACOOK.

Moran, Ellen A.	$900.00

HOSPITAL, MARGARET PILLSBURY.

Thayer, W. F. Treas'r	$2,000.00

BRIDGES PENACOOK.

Pay-rolls	$1,091.74
Coffin, Frank & Co.	12.05

Colby J. A.	55.00	
Concord Axle Co.	3.59	
" street railroad	70.00	
Davis, E. L.	52.05	
Foote, Brown & Co.	10.93	
Gale, N. S. & Co.	1.95	
Howe, W. B.	33.20	
Humphrey-Dodge Co.	.75	
McShane, E.	7.50	
New England Granite works	176.84	
Nutting & Hayden	3.34	
Rolfe, C. M. & A. W.	4.87	
Rowell, J. H.	3.90	
Sanborn, S. G.	55.85	
Sanders, C. H.	8.25	
Sargent, R. G.	1.60	
Stratton & Co.	11.30	
Swenson, John	153.16	
Woodworth & Co.	101.50	
		$1,859.37

CONCORD WATER WORKS.

City treasurer	$5,803.71
Abbott, Geo. Jr.	97.45
Abbott-Downing Co.	125.00
Adams, Chancey	10.00
Batchelder & Co.	16.69
Belisle, Jacob	40.60
Bernidine, Henry	1.50
Bilsborough, Benj.	14.30
Boisvert, Alex	30.00
Boston & Maine R. R.	1,689.52
Cate, R. W.	21.45
Chadwick Lead Works	470.44
Bradley, F. W.	13.00
Brown, Cavis G.	21.80
Builders Iron Foundry	30.34

Chambers, John P.	18.00
Chapman Valve Manufacturing Co.	4.14
Chase & Martin	25.00
Chesterton, A. W.	20.03
Clifford, R. F.	10.33
Coburn, J. H.	35.50
Cochran, Alice G.	600.00
Coffin Valve Co.	9.75
Concord Foundry Co.	3.78
" Light & Power Co.	23 25
Cushman Electric Co.	1.40
Cunningham, J. H.	27.48
Crowell, H. H.	51.87
Day, Arthur N.	36.78
Dickerman & Co.	15.00
Dodge J. H & Co.	54.00
Drummond, M. J. & Co.	5,716.29
Dyer, N. J.	10 00
Duffy, Michael	7.00
Eastman & Merrill	32.50
Engineering dept. city	1.75
Engineering News	5.00
Fitch, A. P.	1.25
French, J. C. & Son	9.50
Globe H. S. Shop	86.22
Goodhue & Milton	17.69
Gould, Fred	7.50
Hastings, V. C.	1,867.96
Hodge E. & Co.	26.16
Holt Bros. Mfg. Co.	1.50
Humphrey-Dodge Co.	70.44
Hutchinson, E. B. Bldg. Co.	42.81
Jackman & Lang	25.00
Johnson J. D. & Son	20.15
Knowlton Packing Co.	8.75
Lapierre E.	7.00
Locke Regulator Co.	4.25
Ludlow Valve Mfg. Co.	467.87

Lynn Electric Co.	4.60	
Madigan, T. H. Jr.	91.10	
Marsh H. O.	21.00	
Martin C. H. & Co.	10.32	
Mueller H. Mfg. Co.	23 00	
National Meter Co.	1,003.55	
New England Tel. & Tel. Co.	124.70	
Phillips & Saunders	3.00	
Putney, C. H. coll'r	47.20	
Putnam machine works	5.00	
Randall, E. H.	2.59	
Richardson, O. F. & Son	56.08	
Rowell, H. A.	6.70	
Rowell, J. H. & Co.	37.00	
Rowell & Plummer	143.85	
Rumford Printing Co.	107.25	
Sanborn, A. C.	13.80	
Sanborn, S. G.	24.00	
Sanders, F. D.	23.50	
Sargent, H. G.	14.25	
Silsby G. H. H. & Son	28.56	
Stevens C. H. & Co.	9.26	
Stewart, J. M. Sons & Co.	54.00	
Stillings, F. A.	20.00	
Stoughton Rubber Co.	21.60	
Stratton & Co.	1 75	
Tarantino, Alphonse	1.75	
Theobald Geo. L.	132.02	
Thompson & Hoague	66.70	
Thompson Meter Co.	184.80	
Thorne, John C.	19 08	
Waldo Bros.	5.50	
Walworth Mfg. Co.	282.46	
White, N. Jr.	3.50	
Wood, R. D. & Co.	94.89	
Woodworth & Co.	63.00	
Worthington, H. R.	1.25	
Union Water Meter Co.	743.25	
		$21,597.31

AUDITOR'S FINAL MONTHLY STATEMENT.

1898.

To the Honorable the Mayor and the City Council of the City of Concord.

Gentlemen: In compliance with the last paragraph Section 12 of the Auditor Ordinance, the undersigned herewith presents the statement required:

	1898.		
	Appropriation.	Expended.	Balance.
Aid City poor	$ 700.00	$ 358.85	$ 341.15
Aid dependent soldiers, city	500.00	267.15	232 85
Aid county poor, received	7.14	5,423.59	. . . .
Aid dependent soldiers, county	18.00	2,171.05	. . . .
Bridges—Ward 1 – ord. No. 276	7,000.00	. . . .	. .
Jt. res. 387	3,200.00	. . . .	. . . .
	10,200.00	1,859.37	8,340.63
Committee service	1,410.00	1,410.00	. . . .
*Cemeteries and parks:			
Addition to Blossom Hill Cemetery (temporary loan)	5,000.00	5,000.00	. . .
Blossom Hill, appro.	2,700.00	5,784.17	. .
care of lots	1,383.65	. . . .	. . . .
sale of lots	1,169.68	. .	. .
Grading	805.25	. . .	. .
Income investment fund	634.42	. . .	308 83
	6,093.00	. . .	. . .
Old North	100.00	. . . .	. . .
care of lots	158.31	. . . .	. . . .
Joint res. No. 388	150.00	. . . .	. . . .
Income investment fund	28.48	. . . .	. . . .
	436.79	386.05	50.74
West Concord	100.00	87.63	12.37
Millville	50.00	50.00	. . . .
Pine Grove (joint res. No. 362)	25.00	25.00	. . . .
White Park—maintenance	2,850.00	2,982.60	. . . .
Joint res. No. 388	15.00	. . . .	. . .
White Park—receipts	122.00	. .	. . . .
	2,987.00	. . .	4.40

White Park—purchase land (by issuing notes)	1,400.00	1,400 00	. . . .
Rollins	650.00	636.60	13.40
Penacook	75.00	80.81	4.19
Joint res. 388	10.00	. . . .	. . . .
	85.00	. . . .	. . . .
Bradley	75.00	78.25	6.75
Joint res. 388	10 00	. . . .	. . . .
	85.00	. . . .	. . . .
	. . . .	. . . .	. . . .
Decoration Day,	345 00	345.00	. . . .
Dog license,	. . .	30.00	. . . .
Drinking fountain, Penacook (joint res. No. 367),	150.00	119.98	30.02
Total to here,	. . . .	28,496.10	. . . .
Engineering Department:			
Salary engineer,	1,500.00	1,500.00	
Salary assistants,	1,000.00	1,011.82	
Supplies,	100.00	88.88	
Repairs,	50.00	3 95	
Rent,	204.00	204.00	
Incidentals,	146 00	177.86	
	3,000.00	2,986 51	13.49
Fire Department:			
Pay-rolls—permanent men,	6,518 00	6,518.00	. . . .
" Extra men, vacation,	214.16	161.68	. . . .
" Semi-annual,	6,930.00	6,930 00	. . .
Rent Veterans' Association,	150.00	150.00	. . . .
Forage—500–712.20–earnings,	1,212.80	1,106 10	. . .
Fuel—400—200—earnings,	600.00	539.18	. . . .
Fire alarm,	775 09	820 29	. . .
Hose,	525 00	523.75	. . . .
Horses, purchase of,	400.00	400 00	. .
Horse hire,	550.00	667.40	. . .
Horse Shoeing,	300.00	278.20	. . . .
Incidentals,	1,021.34	1,261.92	. . . .
Lights,	450.00	400.46	. . . .
Washing,	100.00	80.30	. . . .
Water,	116.50	116.50	. . . .

Chemical supplies,	50.00	32.71	....
Appro., joint res. 388,	75.00	....	....
	19,987.20	19,986.49	71
Health (board of)):			
Salary health officer,	800.00	800.00	....
Salary board,	75.00	75.00	....
Rent,	108.00	108.00	....
Lights,	10.00	2.40	....
Care of pest house,	15.00	6.62	....
Assistance sanitary inspector,	100.00	39.80	....
Bacteriological test,	150.00	62.80	....
Material for fumigation,	27.00	6.41	....
Incidental expenses,	150.00	112.12	....
	1,435.00	1,213.15	221.85
Highway Department appropriation,	35,000.00	....	....
Salary commissioner,	....	1,400.00	...
General maintenance and repairs,	...	19,905.27	..
Permanent work,	....	5,227 35	....
Cleaning streets,	....	3 997.71	...
Sidewalks and crossings, new,	...	1,517.03	....
Repairing concrete,	...	1,498.29	...
Catch basins,	....	1,448.60	...
Receipts,	1,070.70	...	...
	36,070 70	34,994.25	1,076 45
History Commission, unexpended balance, 1897,	1,587 65	379 24	1,208.41
Printing, canvassing, services, clerk hire,	...	..	....
Incidentals and land damages,	...	...	..
Regular appropriation,	3,000.00	.	....
Joint res. 369,	2,000.00	..	....
Joint res. 381,	500.00	....	....
Joint res. 388,	850.00	...	....
	6,350.00	...	...
Expenses city government,	....	36.00	....
Fuel, City hall,	...	160 66	...
Fees and costs by city marshal,	..	614.54	....
Insurance,	...	297.40	....
Inspection of wires,	...	61.71	....
Indemnity bonds,	...	177.00	....

Ice for year 1897,	....	226.98	....
Lights,	....	352.20	....
Publishing tax lists,	....	250.00	....
Publishing assessors' valuations,	....	28.50	....
Moving Street R. R., Penacook,	....	998.06	....
Miscellaneous,	....	508.63	....
Rents,	....	320.00	....
Repairs,	....	256.05	....
Telephones,	....	540.79	....
Water,	....	40 00	....
Vaccination,	....	27.50	....
Painting West Concord building,	....	190.00	(entire)
Election expenses,	....	99.83	....
Ice, 1898,	....	263.82	....
Judgment—T. L. Fowler,	....	89.59	....
Painting cells, police station,	....	40.50	....
Hose shed, Penacook,	....	100.00	....
		5,661.69	
Damage—Cleveland,	....	125.00	....
Damage—Merrill,	....	300.00	....
Mayor's incidentals—3 years,	....	44.42	....
Pay-roll—marriages,	....	31.00	....
Pay-roll—births and deaths,	....	169.25	....
	....	6,349.43	57
Interes —24545—3700,	6,245.00	6,464.14	....
Lighting precinct, Penacook,	1,300.00	1,300.00	....
Legal expenses,	200.00	30.10	169.90
Loan (temporary)—jt. res. No. 348, March 8, '98,	25,000.00	25,000.00	....
Public Library:			
Salaries,	....	2,746.49	....
Books and magazines	....	733.22	....
Binding,	....	204.11	....
Fuel and lights,	....	303.26	....
Incidentals,	....	147.35	....
Printing catalogue,	....	593.65	....
Repairs of roof,	....	362.94	....
	5,000.00	5,091.02	....
Joint res. No. 388,	100.00	....	....
Trust funds,	89.69	....	....
Library fines,	181.25	....	....

	5,370.94	....	279.92
Police Station and Lobby, Penacook,	900.00	900.00	....
Police and Watch:			
Fuel, city,	200.00	283.22	....
Fuel, Penacook,	30.00	33.93	....
Helmets and buttons,	50.00	46.50	....
Horse hire, city,	30.00	11.50	....
Horse hire, Penacook,	30.00	19.00	....
Horse, board of,	285.00	234.53	....
Ice,	15.00	8.00	....
Incidentals,	125.00	154.01	....
Rent, Penacook,	108.00	108.00	....
Lights, city and Penacook,	180.00	183 92	....
Horse-shoeing,	....	25.00	....
Police and Watch:			
Salaries—Regular Marshal, Deputy, Captain, 8 Patrolmen,	9,350.00	9,280.15	....
" Special,	300.00	294.50	....
" Janitor,	225.00	240.00	....
" Commissioners,	150.00	150.00	....
Telephone—Private Line,	500.00	104.17	....
Water,	28.00	28.00	....
Uniforms—Special,	50.00	....	....
	11,656.00	11,204.43	451.57
Total to here,	....	144,394 86	....
Printing and Stationery,	2,500.00	....	113.49
Assessors,	....	78.98	....
Auditor,	....	109.78	....
Clerk,	....	102 31	....
Election,	....	94.50	....
Engineering,	....	25.24	....
Fire,	....	29.06	....
Highway,	....	120 11	....
Health,	....	29.75	....
Library,	....	26.75	....
Miscellaneous,	....	22.25	....
Mayor's Inaugural,	....	22.50	....
Police,	....	65.77	....
Ordinances,	....	162.13	....
Reports—City,	....	934.57	....
Departmental,	....	87.75	....
School,	....	148.20	....

Tax Collector,	....	326.86	....
	....	2,386.51	....
Memorial arch bonds,	5,000.00	5,000.00	....
Margaret Pillsbury hospital,	2,000.00	2.000.00	....
Open air concerts,	300.00	300.00	....
Precinct,	10,500.00	....	....
Gas,	....	1.383.00	....
Lights,	....	8,690.10	....
Miscellaneous,	....	100.00	....
	....	10,173.10	426.90
Precinct—Street sprinkling Feb. 8, '98, 3,500.00; Unex. bal. '97, 461.40	3,961.49	3,119.99	
" Water,	6,000.00	6,000.00	....
Salaries,	10,852.00	....	....
Joint res. 382,	600.00	....	....
Joint res. 388,	350.00	....	....
Assessor—Ward 1,	....	309.00	....
Ward 2,	....	282.00	....
Ward 3,	....	396.00	....
Ward 4,	....	348.00	.
Ward 5,	....	378.00	.. .
Ward 6,	....	396.00	....
Ward 7,	....	298.00	...
Ward 8,	....	291.00	...
Ward 9,	....	388.00	....
	....	3,086.00	....
Auditor,	....	1,000.00	.,..
Clerk—city,	....	1,200.00	....
Clerk—common council,	....	50.00	....
Clerk—police court,	....	200.00	....
Clocks—city,	....	85.00	....
Clock—Penacook, 2 1-2 years,	....	87.50	....
Education—Union,	....	475.00	....
Judge—Police	....	800 00	....
Justice—Special,	....	10.00	....
Mayor,	....	1,000.00	....
Messenger,	....	600.00	....
Overseer poor, Ward 1,	....	30.00	....
Ward 2,	....	10.00	....
City proper,	....	200.00	....
Pay-rolls—clerks and moderators,	....	120.00	....

Inspectors,	....	220.00	....
Supervisors,	....	237.00	...
Selectmen,	....	135.00	.. .
Solicitor,	....	500.00	....
Tax collector, '93-'94,	....	29.08	...
'96,	.. .	7.55	....
'97,	....	243.34	....
'98,	....	1,213.68	....
Treasurer,	....	250.00	....
	11,802.00	11,789.15	12.85
Sewers,	4,000.00	....	....
Joint res. No. 274,	100.00	....	....
	4,100.00	4,058.46	41.54
Sewer Precinct, Penacook:			
Unexpended Bal. 1897,	218.54	....	....
Repairs,	300.00	....	....
Bonds,	....	5,000.00	....
Transfer from accumulated earnings sinking fund,	400.00	739 33	179.21
Interest on bonds,	960.00	940.00	....
Sinking fund,	500.00	500.00	....
Sewer Precinct, East Concord:			
Interest on bonds,	70.00	70.00	....
Sinking fund,	100.00	100.00	....
Unexpended Bal. 1897	158.90	12.00	146.90
Sewer Precinct, West Concord:			
Unexpended Bal. 1897	1,189.68	912.38	277.30
Sinking fund,	500.00	500.00	.. .
Inter st on bonds,	680.00	680 00	....
Sewer, South End:			
Unex. Bal. Jan. 1, '98, 6,361.46 Less appro. for sewers, 4,000.00 " " " " 100.00	2,261 46	920.25	1,341.21
Schools:			
Union School District:	*1,500 00	1,500 00	....
Apr. 2. voted to pay interest,	2,700	1,500.00	...
Apr. 2, voted to pay bonds,	15,000 00	15,000.00	....
General fund—bal. 1897,	15,785 80	15,785 80	....
Appro.,	30,385.00	30,385.00	....
Apr. 2, '98 voted by U. S. D.,	12 615.00	3,115.00	....
Text-books,	2,447.00	....	....
Literary fund,	1,601.57	.	....
Dog license,	1,220.53	...	14,769.10
Town District,—bal. 1897	935.11	935.11	....

Appro.,	2,335.00	2,335.00	....
Mch. 19, '98, voted by town dis.,	800.00	65.00	....
Text-books,	188.00	....	...
*Page 92, 1897 Report, Accrued interest.			
Literary fund,	123.06	....	...
Dog license,	93.79	1,139.85	....
District No, 20 bal 1897,	913.74	913.74	....
Bal. Schoolhouse tax,	100.00	100.00	...
Appro.,	2,045.00	2,045.00	...
Mch. 24, '98, voted by dis, No. 20,	1,000,00	530.00	....
" " voted to pay bond,	500.00	...	....
Text-books,	165.00	....	....
Mch. 24, '98 voted to pay interest,	40.00	...	....
* Accrued interest,	20 00	30 00	...
Literary fund,	107.77	...	....
Dog license,	82.12	....	824.89
	....	75,379.50	.....
Liquor Agency:			
Receipts,	1,918.15	....	....
Salary Agent,	....	600.00	....
Liquors,	....	1,384.85	....
License.	....	25.00	....
Lights,	....	5.10	....
Miscellaneous,	...	38.79	....
Rent,	....	283.00	....
	....	2,336.74	...
	....	277,312.27	....
County tax.	....	42,200.69	....
State tax,	....	29,499.25	...
			....
Total,	....	349,012.21	....
Order outstanding:			
2885—Merrill—Inc. & L. D.	....	300.00	....
Order refused:			
2204—Lamprey—Highway,	....	20.00	....
Account trusteed:			
W. W. Critchet—White Park,	....	22.50	....
" " Rollin's Park,	....	7.50	....
" " Bradley Park,	....	15.00	....
Total expended as shown by City Treasurer.,		348,647.21	....
		349,012.21	

Concord water works:			
Salary Superintendenent,	....	1,800.00	....
Salary Clerk,	....	600.00	....
Pay Rolls,	....	5,922.76	....
Interest,	....	26,645.00	....
Freight,	....	1,614.88	....
Meters,	....	1.820.80	....
Miscellaneous,	....	1,979.06	....
Lights,	....	22.05	....
Printing,	...	125.75	....
Supples,	....	7,587.31	....
Telpehone,	....	124.70	....
Bonds,	....	10,000.00	....
	....	58,242.31	....

Very respectfully,

JOHN B. ABBOTT, City auditor.

City Hall Feb. 9, 1899.

DEPARTMENT REPORTS.

CITY OF CONCORD, N. H.

WATER DEPARTMENT.

1898.

BOARD OF WATER COMMISSIONERS.

ALBERT B. WOODWORTH, Mayor, ex officio.

WILLIAM P. FISKE.	to March 31, 1902.
WILLIAM E. HOOD.	to March 31, 1902.
SOLON A. CARTER.	to March 31, 1901.
FRANK D. ABBOT.	to March 31, 1901.
JOHN WHITAKER.	to March 31, 1900.
EBENEZER B. HUTCHINSON.	to March 31, 1900.
WILLIAM M. MASON.	to March 31, 1899.
EDSON J. HILL.	to March 31, 1899.

FRANK D. ABBOT, Clerk.

OFFICERS.

WILLIAM P. FISKE, President.
V. C. HASTINGS, Superintendent.
ALICE G. COCHRAN, Clerk at Water Office.
HENRY A. ROWELL, Engineer at Pumping Station.

CONCORD WATER BOARD.

Date of election and length of service of members.

Abraham G. Jones, *ex officio*	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, *ex officio*	1872-1976.
John Abbott*	1873-1876.
John S. Russ*	1874-1877.
Abel B. Holt*	1874-1877.
Samuel S. Kimball	1875. Resigned July 1, 1891.
George A. Pillsbury, *ex officio**	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, *ex officio*	1878-1880.
James L. Mason*	1878-1893.
James R Hill*	1878. Died 1884.
Geo. A. Cummings, *ex officio*	1880-1883.
Edgar H. Woodman, *ex officio*	1883-1887.
Joseph H. Abbot*	1884-1893.
George A. Young	1885-1894.
John E. Robertson, *ex officio*	1887-1889.
Stillman Humphrey, *ex officio**.	1889-1891.
Henry W. Clapp, *ex officio**	1891-1893.
Willis D. Thompson	1891-1895.
William P Fiske	1891. Now in office.
James H. Chase*	1891. Died 1893.
John Whitaker	1892 Now in office.

*Deceased.

Henry E. Conant . . .	1892. Resigned Jan. 8, 1895
Parsons B. Cogswell, *ex officio**	1893-1895.
Solon A. Carter . . .	1893. Now in office.
Frank D. Abbot . . .	1893- Now in office
William M. Mason . .	1893. Now in office.
William E. Hood . . .	1894. Now in office.
Ebenezer B. Hutchinson .	1895. Now in office.
Edson J. Hill . . .	1895. Now in office.

PRESIDENTS OF THE BOARD.

Josiah Minot* . . .	1872. Resigned Jan. 10, 1894.
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 1890 . .	17,004
Population of that portion of the city included within the water precinct, estimated . . .	15,000

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,)	$59,072.92	For management and repairs	$ 3,454.20
From rents	100.02	For new distribution pipes	11,278.33
From hay, apples, pipe, etc., sold	190.32	For new service pipes	1,001.06
		For maintenance of pumping station	1,823.62
		For inspection	600.00
		For meters	2,473.46
		For work at and near the outlet of Penacook lake	604.69
		For incidentals	361.95
		For abatements	215.72
			$21,813 03
		Amount required to pay interest on bonded indebtedness	26,625.00
		Balance	10,925.23
	$59,363.26		$59,363.26

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
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. Garter, " .	1,250.00
Elizabeth Widmer, " .	1,564.50
A. L. Proctor, " .	450.00
Robert Crowley, " .	3,000.00
Miles Hodgdon, " .	2,200.00
Coffin & Little, " .	800.00
O. F. Richardson, " .	100.00
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

Cost of 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 and Turnpike streets, and supply main from near the dam to Stark street	$154,960.92	
distribution pipe . . .	280,431.38	
service pipe	41,489.95	
reservoir	42,460.09	
pumping station, shop, stable and storehouse . .	22,000.00	
pumping machinery . .	10,215.00	
engineering and superintendence	14,913.12	
incidentals	6,531.19	
Cost of works, January 1, 1899. .	———	$841,940.98

Bonds of the city have been issued to pay a part of said cost of which $10,000 have been paid each year for the past three years from the earnings of the works, and of which the following are still outstanding:

When due.	Rate.	Amount.
Nov. 1, 1899,	4,	$ 10,000.00
Nov. 1, 1900,	3 1-2,	15,000.00
Jan. 1, 1901,	4,	10,000.00
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
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
Mar. 1, 1922,	3 1-2,	20,000.00
Jan. 1, 1923,	4,	400,000.00
		$660,000.00

REPORT OF THE SUPERINTENDENT.

To the Board of Water Commissioners:

I herewith present to you the twenty-seventh 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, 1898.

RECEIPTS.

For water from consumers by fixed rates	$33,214.42	
water from consumers by meter rates	25,681.48	
From delinquents	76. 68	
For water used for building purposes	100.34	
rents	100.02	
hay, apples, pipe, etc.	190.32	
		$59,363.26
Deduct abatements		215.72
Net receipts for 1898		$59,147.54

EXPENDITURES.

GENERAL EXPENSES.

Paid V. C. Hastings, salary as superintendent	$1,800.00
pay-rolls, salaries and labor	4,925.46
Nath'l White, Jr., rent of office and heating	350.00
S. G. Sanborn, rent of shop in Penacook	24.00
Rumford Printing Co., printing	107.25
F. L. Sanders, books, etc.	23.50
Silsby & Son, printing, stationery, etc	28.56
Concord Light and Power Co., gas	14.55

Paid New England Telephone & Telegraph Co., telephones	124.70
J. M. Stewart & Sons Co., supplies	54.00
Humphrey-Dodge Co., hardware	67.34
Thompson & Hoague, "	63 85
Batchelder & Co., oil, etc.	14.19
J. H. Dodge & Co., grain	54.00
Arthur N. Day, "	36.78
C. H. Martin & Co., lead, oil, etc.	10.32
A. P. Fitch & Co., " " "	1.25
H. O. Marsh, wood	13.50
Woodworth & Co., cement	63.00
Dickerman & Co. "	15.00
Phillips & Sanders, stone	3.00
A. C. Sanborn, dynamite, etc.	3 80
Stoughton Rubber Co., hose and mittens	21.60
Abbot-Downing Co., wagon	125.00
John C. Thorne, rubber boots	19.08
J. C. French & Co. " "	9.50
M J. Drummond & Co., cast-iron pipe	5,716.29
Builders' Iron Foundry, castings	30.34
Concord Foundry Co., "	3.78
R. D. Wood & Co., hydrants	94.89
Ludlow Valve Mfg. Co. gates	467.87
Coffin Valve Co.	9.75
Chadwick Lead Works, pig lead and lead pipe	470.44
Walworth Mfg. Co., pipe, tools and fittings	268.82
J. H. Cunningham Co., fittings	27.48
Goodhue & Milton "	17.69
E. H. Randall, plumbing	2.59
H. Mueller Mfg. Co., tapping machine	23.00
Waldo Bros., cutter wheels	5.50

Paid National Meter Co., meters	1,003.55	
Union Water Meter Co., meters	743.25	
Thomson Meter Co., "	184.80	
M. J. Duffy, use of derrick	7.00	
J. D. Johnson & Son, repairs	20.15	
E. B. Hanchay, smith-work	86 22	
Ross W. Cate, "	21.45	
Rowell & Plummer, mason-work	94.35	
E. B. Hutchinson Building Co. lumber and labor	42.81	
George Abbott, Jr., painting	56.45	
Benj. Bilsborough, "	13 35	
O F. Richardson & Son, team-work and labor	62.33	
George L. Theobald, team-work	132.02	
J. H. Coburn "	35.50	
Cavis G. Brown "	21.80	
J. H. Rowell & Co., concreting	37.00	
Boston & Maine Railroad, freight and repairing siding	1,654.63	
Engineering News	5.00	
Eastman & Merrill, insurance	32.50	
Jackman & Lang "	25.00	
Chase & Martin, "	25 00	
V. C. Hastings, cash paid out	61.36	
town of Webster, taxes	47.20	
incidentals	249.30	
		$19,773.69

PUMPING STATION EXPENSES.

Paid pay-rolls, engineer and fireman	$1,498.00
C. H. Stevens & Co., coal	9.26
H. H. Crowell, slab wood	51.87
H. O. Marsh, wood	7.50
Humphrey-Dodge Co., packing and hardware	3.10
Thompson & Hoague, packing and hardware	2.85

Paid A. W. Chesterton & Co., packing	20.03	
F. W. Bradley "	13.00	
R. F. Clifford & Co., "	10.33	
Knowlton Packing Co., "	8.75	
Batchelder & Co., supplies	2.50	
Walworth Mfg. Co., waste and tools	13.64	
Putnam Machine Co., tools	5.00	
Locke Regulator Co., valves	4.25	
Chapman Valve Mfg. Co., valves	4.14	
E. Hodge & Co., castings	26.16	
George Abbott, Jr., painting	41.00	
Rowell & Plummer, mason-work	49.50	
Concord Light & Power Co , gas	8.70	
Boston & Maine Railroad, repairing siding	34.89	
incidentals	9.15	
		$1,823.62
Total expenditures for 1898		$21,597.31

The expenses are divided as follows:

GENERAL EXPENSES.

For management and repairs	$3.454.20	
new service pipes	1,001.06	
new distribution pipes	11,278.33	
inspection	600.00	
meter account	2,473.46	
work at and near the outlet of Penacook Lake	604.69	
incidentals	361.95	
		$19,773.69

PUMPING STATION EXPENSES.

For salaries, engineer and fireman	$1,498.00	
fuel used	68.63	
waste, packing, and other supplies	105 44	
repairs	151.55	
		$1,823.62

EXTENSIONS AND IMPROVEMENTS.

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

On main line,
north from near Blossom Hill Cemetery gate to near tenement block of N. H. State Prison, 2,761 feet 20-inch pipe and two hydrants.

In North Main street,
north from Capital street, 110 feet 10-inch pipe.

In Pillsbury street,
west from Turnpike street to Dunklee street, 1,031 feet 6-inch pipe.
west from Eastman street to South street, 232 feet 6 inch pipe.

In Allison street,
west from Dakin street to Broadway, 851 feet 6-inch pipe.

In McKinley street,
west from Turnpike street to Broadway, 738 feet 6-inch pipe.

In Avon street,
west and north from South street to Clinton street, 724 feet 6-inch pipe and 1 hydrant.

In Broadway,
south from north line of Rollins Park to McKinley street, 712 feet 6-inch pipe and 1 hydrant.

In Holly street,
west from Turnpike street to Dunklee street, 710 feet 6-inch pipe.

In Donovan street,
south from Rockingham street to Wiggin street, 456 feet 6-inch pipe.

In Rockingham street,
west from near Broadway to Donovan street, 448 feet 6-inch pipe.

In Glen street,
north from Allison street, 189 feet 6-inch pipe.

In Clinton street,
45 feet 6-inch pipe and 1 hydrant.

In Old Saw Mill road, St. Paul's School,
west from near S. B. Hall place to Old Hopkinton road, near Millville cemetery, 3,446 feet 4-inch pipe.
In Old Hopkinton road, St. Paul's School,
west from Old Saw Mill road to New Hopkinton road, 814 feet 4-inch pipe and 1 hydrant.
In Main street, Penacook, at Woodlawn cemetery, 1 hydrant.
On hydrant branches,
94 feet 6-inch pipe.
On blow-offs,
22 feet 4-inch pipe.
Also 122 feet 3-4-inch pipe.

Main and distribution pipes have been discontinued during the year, as follows:

On main line,
north from near Blossom Hill Cemetery gate to near tenement block of N. H. State Prison, 2,761 feet 14-inch cement-lined pipe.
In Clinton street,
45 feet 4-inch cement-lined pipe.
On hydrant branches,
42 feet 6-inch cement-lined pipe.
Also 986 feet 1-inch and 3-4-inch pipe.

Summary of the Foregoing.

NEW PIPES, HYDRANTS, AND STOP-GATES.

Pipes.	*Hydrants.*		*Stop-Gates.*	
3-4-in., 122 feet.	West Concord Road,	2	4-in.,	6
4-in., 4,282 "	Broadway,	1	6-in.,	16
6-in., 6,230 "	Avon street,	1	20-in.,	1
10-in., 110 "	Clinton street,	1		
20-in., 2,761 "	Old Hopkinton road,	1		
	Main street, Penacook,	1		
13,505 feet, equal to 2,55 miles.		7		23

PIPES AND STOP-GATES DISCONTINUED.

Pipes.		*Stop-Gates.*	
1-in., 986 feet.		4-in.,	1
4-in., 45 "		6-in.,	2
6-in., 42 "		10-in.,	1
14-in., 2,761 "		14-in.,	1
3,834 feet, equal to 72-100 miles.			5

Total length of main and distribution pipes now in use, 312,-721 feet, equal to 59.22 miles.

Total number of hydrants now in use, 260.

Total number of gates now in use, 720.

SERVICE-PIPES.

There have been laid during the year and connected with the main pipes, 68 service-pipes, consisting of 68 3-4-inch, 1,665 feet in length.

There has been discontinued during the year, 1; whole number in use at the present time, 3,240; total length of service pipes, 76,161 feet or 14.42 miles.

We have set 152 meters during the year; 6 have been removed; making the total number now in use, 778.

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

January	185.10	July	184.45
February	184.90	August	183.75
March	184.40	September	183.40
April	184.60	October	183.25
May	184.70	November	183.60
June	184.70	December	184.90

The lowest point reached was October 1, being 183.25; the highest was April 25, 185.10; mean height, 184.31, which was .98 foot higher than the mean height for the year 1897.

The water has been running over the overflow one hundred and forty-one days during the year; in January, 31; in February, 23; in March, 11; in April, 25; in May, 10; in June, 5; in November, 5; and in December, 31. At no time has the water been lower than sixteen inches below the overflow.

The work at the overflow was completed early in the season and the road graded.

The general work of the department has been carried on as in past years; the most important extensions of pipe were at St. Paul's School and the continuation of relaying the old 14-inch main which was extended to a little north of the tenement block of the New Hampshire State Prison.

We have had several serious breaks on Main street which indicate that the cement-lined pipe in that street is nearing the end of its usefulness; I would therefore recommend that a new 10-inch cast-iron pipe through North and South Main streets, from Centre to freight streets, be included in the plans for next season, or that at least a portion of the work be considered.

I would also call your attention to the recommendation of the engineer in his report which is attached hereto, and urge that the same be carried out in order to secure the best results from the pumping engine.

Respectfully submitted,

V. C. HASTINGS, *Superintendent.*

TREASURER'S REPORT.

W. F. Thayer, Treasurer,

In account with Concord Water Works.

RECEIPTS.

Balance on hand January 1, 1898,	$11,192.83	
Income of Water Works, . . .	59,147.54	
		$70,340.37

EXPENDITURES.

Interest on Water Works bonds, .	$26,645.00	
Bonds, ...	10,000.00	
Maintenance and extension, . .	21,597.31	
Balance on hand, January 1, 1899, .	12,098.06	
		$70,340.37

Report of Engineer of Pumping Station.

Pumping Station, Concord Water Works.

V. C. Hastings, Superintendent:

Sir,—I would report that the pumping machinery at the pumping station is in good working condition, with the exception of the plungers. I would recommend that new plungers be put in during the coming year, as the old ones are badly worn and do not lift the amount of water they should on account of so much slipping.

Following will be found a statement of the coal and supplies used at the pumping station during the year, with a table showing the work for each month:

STATEMENT.

114 tons, 860 lbs. Pocahontas coal.
41 cords of wood.
48 gallons of oil.
24 lbs of waste.

ENGINE RECORD.

Date.	Pumping time. h. m.	Gallons water pumped.	Daily average pumped.	Total coal burned.	Daily average coal burned.	*Gallons pumped per pound of coal.
January	117:	10,093 230	325,588	21,068	679	479
February	115:30	9,969,610	356,057	22,190	792	449
March	118:45	10 325,[illegible]85	[illegible]33,076	21,068	679	490
April	116:	10,115,210	337,173	20,641	688	490
May	1[illegible]0:	9,331,980	301,031	18,981	612	491
June	111:30	9,710,400	323,680	19 649	654	4[illegible]4
July	143:30	12,471,060	402,292	25,202	812	494
August	121:45	10 583,840	341,414	21,391	690	494
September	118:30	10,157,3[illegible]8	338,579	20,551	685	494
October	124:30	11,136,258	35[illegible],234	22 715	732	490
November	110:15	9,779,080	325,969	20,329	677	481
December	122:	10,719,860	342,576	22,428	723	477
Total	1429:15	124,393,311	340,803	256,220	701	485
Daily average.	3:54	340,803	.....	701	.....	.....

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

Amount of coal consumed per thousand gallons pumped, 2.05 pounds.

HENRY A. ROWELL,
Engineer.

APPENDIX.

A.

Receipts for each year since the completion of the works.

For the year ending January 31, 1874	$4,431.10
For fifteen months ending April 1, 1875	17,535.00
For the year ending April 1, 1876	16,921.24
" " 1877	19,001.07
" " 1878	20,763.03
" " 1879	21,869.86
" " 1880	22,451.53
" " 1881	26,744 58
For nine months ending December 31, 1881	25,534.01
For the year " " 1882	27,243.06
" " " 1883	28,255.48
" " " 1884	28,915.65
" " " 1885	30,222.54
" " " 1886	30,862 64
" " " 1887	34,047.52
" " " 1888	38,441.32
" " " 1889	40,237.53
" " " 1890	42,133 41
" " " 1891	46,075.16
" " " 1892	48,351 52
" " " 1893	52,299.66
" " " 1894	53,230 10
" " " 1895	55,343.19
" " " 1896	56,557.81
" " " 1897	55,156.42
" " " 1898	59,147.54
Total receipts for 26 years	$901,771.97

B.

Mean Height of the water each year.

1873	175 86	1886	178.10
1874	179.50	1887	179.04
1875	180.00	1888	181.96
1876	180.28	1889	180.91
1877	176.46	1890	181.90
1878	179.50	1891	180.00
1879	179.74	1892	174.32
1880	175.30	1893	173.38
1881	174.70	1894	172.81
1882	179.15	1895	171.15
1883	176.40	1896	178.96
1884	178.18	1897	183.33
1885	176.80	1898	184.31

SCHEDULE OF IRON AND CEMENT-LINED PIPES AND GATES.

STREETS.	BRICK CONDUIT.	LENGTH AND SIZE OF CEMENT-LINED PIPE IN FEET.							LENGTH AND SIZE OF IRON PIPE IN FEET.										NUMBER AND SIZE OF GATES.									
	30-in.	18-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.	24-in.	20-in.	18-in	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.	24-in.	20-in.	18-in.	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.
Conduit	2220																											
Reserve main									282										2									
Low service main		11391								331	1905	75							3									
Pump main			8556							4680	58	75	147							2	10	1	6				1	
Force main									240	2962		42	20							4	2	1	9				1	
Abbott																			1	3			1					
Academy								370										372										2
Albin																		100										
Alleyways																		662										1
Allison								910									450	505									3	1
Auburn													2182				1563						1					
Avon																											2	
Badger																	724											
Beacon								735										694										1
Blake																	863										2	1
Blanchard																		300										1
Blossom Hill								617									475										1	
Bow																	1781										2	1
Bowery Avenue																	590										1	
Bradley								1038							63			245							1			1
Bridge																		243										1
Broadway							369										1121										1	
Cambridge																	2983										3	
Capitol																		160										1
Centre						667	1231								508		750								1		3	
Chandler															3529	816									9	2	5	1
Chapel								586																		1		
Charles																		56										2
Chestnut							373										265	516									1	1

Church								1502									75	280									1	5
Clinton							289	1615									45										2	1
Columbus Avenue													2100										1					
Concord								1545										286										5
Court								673																				1
Curtis avenue																	422										2	
Dakin																		855										2
Depot																	387	242									1	1
Depot, W. Concord																	350										1	
Donovan																	456										1	
Downing								2445																				3
Dunklee																	28											
Durgin																	265										1	
Eastman																		400										1
Electric																	550										1	
Elm																		368										1
Essex								550									242										1	2
Fayette								1180												1								2
Ferry																		1066										2
Fiske										1045																		
Ford place																		320										1
Forest																	535										2	
Foster																	180										1	
Franklin							1691	577						2166			765							4		1	8	
Freight															438		285								1		2	
Fremont																		590										2
Fruit, North																	1065										1	1
Fruit, South								2884										16										2
Fuller																		88										
Gas								663																				1
Giles								854								300	6									1		2
Glen																	840										2	
Granite avenue																		210										
Green								1706							340										1			4
Hall								910										798										
Hammond																		496										
Hanover																		600										2
Harrison																		230										
Harrod																		333										1
Harvard																		760										1
High							1218						380				982						1	2	1		2	
Highland																	60	832									1	1
Hill's avenue								234								69		75								1		1
Holly																	710										1	

SCHEDULE OF IRON AND CEMENT-LINED PIPE AND GATES.

STREETS.	BRICK CONDUIT.	LENGTH AND SIZE OF CEMENT-LINED PIPE IN FEET.							LENGTH AND SIZE OF IRON PIPE IN FEET.										NUMBER AND SIZE OF GATES.									
	30-in.	18-in.	14-in	12-in	10. in.	8-in	6-in	4-in.	24-in.	20-in.	18-in.	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.	24-in.	20-in.	18-in.	16-in.	14 in.	12-in.	10-in.	8-in.	6-in.	4-in.
Holt																	646										1	
Hopkinton road																		472										1
Jackson								1215										340										3
Kimball																		204										
Langdon															360			357							1			1
Laurel								1538																				2
Liberty														1311										1				
Lincoln																		367										2
Lyndon								1203									30	300									1	3
Main, North						1667	3639			4209					110		38			3						1	6	
Main, South							2722			3[illegible]0		2422										2					5	
Main, W. Concord				1764																				2				
Maple								382										430										2
Marshall																		330										1
McKinley																	738										2	
Merrimack							901	468									369										2	1
Mill road, S. P. Sch.																	874	18[illegible]0										2
Mills																		1320										4
Minot								494									355										1	
Monroe								1291																				1
Montgomery								702																				1
Morton																	516										1	
Myrtle																		225										1
Oak																		305										1
Odd Fellow Ave.																		201										
Old Hopkinton Rd.																		814										1
Old Saw Mill Road, St Paul's School																		3446										2
Orchard																	620										1	
Park								596																				1
Peabody																	340										1	

Pearl								602																				2
Penacook							788						300		1041	557	1825			1			1		3		1	1
Perkins								650																				2
Perley								1580										635										4
Perry Ave																		460										2
Pierce																		300										1
Pillsbury																	2493										4	
Pine																681	985									2	4	
Pitman																		480										1
Pleasant						9114	2382								1674		200								2	5	9	
Prince																		515										2
Prospect																	800											
Railroad								592																				1
Ridge road																	524										1	
Rockingham																	1173										2	
Rollins Court																		195										1
Rumford				5952	1203	1961		1217						9		341								6	3	3	2	2
School						1967	627	521							319	708	575								3	3	5	1
Short																		223										1
South							5283										2631										7	
Spring, North							2649									26											4	
Spring, South								2374										405										2
State, North			3704	1622						509										1			3	1				
State, South					3034	854																			2	1		
Summer																		389										1
Summit																		172										1
Tahanto																	1015										4	
Thompson								1357																				3
Thorndike							1896																				3	
Tremont							196	1363																			1	2
Turnpike							1907					174	1026	1193			1703	3650					1				3	2
Union								1007																				1
Valley							879																				1	
View																	229											
Walker								676										692										3
Wall								753																				1
Warren							2539	271								1492	67	327								2	8	
Warrenston																	525										1	
Washington							1905	622									855										6	2
Water								371																				
Waverly																		272										1
West							2478										315										4	
Winter																		225										1
Woodman																	366											

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

STREETS.	BRICK CONDUIT.	LENGTH AND SIZE OF CEMENT-LINED PIPE IN FEET.							LENGTH AND SIZE OF IRON PIPE IN FEET.										NUMBER AND SIZE OF GATES.									
	30-in	18-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.	24-in.	20-in.	18-in.	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.	24-in.	20-in.	18-in.	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.
Wyman																	220										1	
Hydrant branches							1796	293							177		1438	109							6		123	15
Blow-offs								106							132		8	86					1	1	1		11	53
PENACOOK.																												
Penacook main			13110	1221						381				120						1			6	3				1
Canal, East						628									225	8										2		
Canal, West						422																				1		
Centre						479	245								247		369								1	1	2	
Charles							1777																				3	
Church							482																				1	
Crescent															635										2			
Cross						734																				2		
High							2100																				3	
Main				2573													150							3			1	
Main, West																	1284										1	
Maple																		214										1
Merrimack				57		1251	2023									37										3	2	
Penacook																	850										2	
Kolfe																	1846										1	
Spring						652																				1		
Stark					529																				1			

Summer						1203		276																		3		1
Union																		261										1
Washington						1193										150	1080									1	2	
Winter																	400										1	
Hydrant branches							709										141										35	
Blow offs								55										9						1			2	8
Totals	2220	11391	25370	13189	4766	22762	45070	44169	522	14417	1963	2788	6155	4799	9798	5185	48406	33320	6	16	12	4	31	24	39	37	3.9	212

D

FIRE-HYDRANTS.

STREETS	LOCATIONS.	Number	Total.
No. Main.	South-west 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	
"	North-west corner North Main and Franklin	1	
"	East side North Main, opposite Pearl	1	
"	No th-west corner North Main and Washington	1	
"	West side North Main, opposite Historical Society rooms	1	
"	East side North Main, opposite Chapel	1	
"	North-west corner North Main and Court	1	
"	North-west corner North Main and Pitman	1	
"	North-west corner North Main and Montgomery	1	
"	East side North Main, opposit Montgomery	1	
"	North-west corner North Main and Centre	1	
"	South-east corner North Main and Bridge	1	
"	South-west corner North Main and Park	1	
"	East side North Main, opposite Park	1	
"	North-west corner North Main and Capitol	1	
"	North-west 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	
"	North-west corner North Main and Warren	1	
"	West side North Main, at Central Block	1	
"	South-east corner North Main and Depot	1	
"	North-west corner North Main and Pleasant	1	
So. Main.	South-east corner South Main and Pleasant	1	27
"	North-east corner South Main and Freight	1	
"	East side South Main, opposite Fayette	1	
"	East side South Main, opposite Thompson	1	
"	South-east corner South Main and Chandler	1	
"	North-west corner South Main and Wentworth's avenue	1	
"	East side South Main opposite St. John's Church	1	
"	North-west corner South Main and Thorndike	1	
"	North west corner South Main and Perley	1	
"	West side South Main, near Abbott-Downing Co.'s	1	
"	East side South Main, opposite Abbott Downing Co.'s	1	
"	North-west Corner South Main and West	1	12
Turnpike.	East side Turnpike, near West	1	
"	West side Turnpike, opposite Gas	1	
"	West side Turnpike, opposite Holt Bros. Mfg. Co.	1	
"	South-west corner Turnpike and South State	1	
"	North-west corner Turnpike and Pillsbury	1	
"	East side Turnpike, opposite Pillsbury	1	
"	West side Turnpike, at J. H. Lamprey's	1	
"	West side Turnpike, at W. J. Sawyer's	1	8

FIRE HYDRANTS.—*Continued.*

STREETS.	LOCATIONS.	Number	Total.
Water.	West side Water, near Capt. James Thompson's	1	1
Hall.	West side Hall, below Rolfe and Rumford Asylum	1	1
Hammond	North side Hammond, near Bridge	1	1
Fiske.	West side Fiske, near North State	1	1
Summer.	North-east corner Summer and Pitman	1	1
Durgin.	West side Durgin, near Toot's laundry	1	1
No. State.	South-west corner North State and Penacook	1	
"	North-west corner North State and Walker	1	
"	North-west corner North State and Church	1	
"	North-west corner North State and Tremont	1	
"	North-east corner North State and Washington	1	
"	West side North State, opposite Court	1	
"	North-west corner North State and Maple	1	
"	North-east corner North State and Centre	1	
"	East side North State, opposite government building	1	
"	South-west corner North State and School	1	
"	North-west corner North State and Warren	1	
"	North-west corner North State and Pleasant	1	12
So. State.	East side South State, opposite Wall	1	
"	North-west corner South State and Thompson	1	
"	South-west corner South State and Monroe	1	
"	East side South State, opposite Laurel	1	
"	South-east corner South State and Downing	1	
"	North-east corner South State and West	1	
"	Junction of South State and Turnpike	1	7
Mills.	South-east 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.	North-west corner Dunklee and Pillsbury	1	1
Broadway	North-west corner Broadway and Allison	1	
"	West side Broadway, near precinct line	1	2
Green.	North-west corner Green and Prince	1	
"	East side Green, opposite Prince	1	2
South,	West side South, opposite Wall	1	
"	North-west 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	
"	North-west corner South and Rockingham	1	9
Bradley.	South-west corner Bradley and Penacook	1	
"	West side Bradley, opposite Walker	1	
"	East side Bradley, opposite Highland	1	3
Union.	North-west corner Union and Maple	1	1
Lyndon.	South-west corner Lyndon and Tremont	1	1
No. Spring	South-west corner North Spring and Centre	1	1

FIRE-HYDRANTS—*Continued.*

STREETS	LOCATIONS.	Number	Total.
So Spring	South-west corner South Spring and Oak	1	
"	West side South Spring opposite Concord	1	
"	West side South Spring, oppotite Perley proposed extension	1	3
Rumford.	West side Rumford, opposite Perkins	1	
"	North-east corner Rumford and Franklin	1	
"	West side Rumford, opposite Beacon	1	
"	North-east corner Rumford and Abbott	1	
"	North-east corner Rumford and Cambridge	1	
"	North-east corner Rumford and School	1	6
Tahanto.	North-west corner Tahanto and School	1	1
Pine.	South-west corner Pine and Centre	1	1
High.	North-west corner High and Auburn	1	
"	East side High, opposite Forest	1	
"	South-west corner High and Franklin	1	3
Giles.	South-east corner Giles and School	1	1
Fruit.	North-east corner Fruit and Clinton	1	
"	East side Fruit, opposite Wm. W. Critchett's	1	
"	North-west corner Fruit and Woodman	1	3
Minot.	West side Minot, near Odd Fellows' Home	1	1
Penacook.	South side Penacook, east of P. B. Co.'s Bark house	1	
"	South side Penacook, near P.B. Co's	1	
"	South side Penacook, near P. B. Co.'s office	1	
"	South-east corner Penacook and North Main	1	
"	South-west corner Panacook and Rumford	1	
"	South-east corner Penacook and Columbus avenue	1	6
Highland.	North-east corner Highland and Rumford	1	1
Church.	North side Church, opposite Lyndon	1	
"	North- east corner Church and Rumford	1	2
Franklin.	North-west corner Franklin and Jackson	1	
"	South-west corner Franklin and Rumford	1	
"	South side Franklin, opposite W. J. Ahern's	1	
"	North-east corner Franklin and Auburn	1	4
Beacon.	North-west corner Beacon and Jackson	1	1
Blanchard	North-west corner Blanchard and Essex	1	1
Ferry.	North side ferry, east of C. & M. Railroad	1	1
Washin't'n	South-west corner Washington and Union	1	
"	North-west corner Washington and Rumford	1	
"	North side Washington, opposite Perry avenue	1	3
Valley.	North side Valley, opposite Eorest	1	1
Auburn.	North-west corner Auburn and Forest	1	1
Centre.	North-east corner Centre and North State	1	
"	South-west corner Centre and Green	1	
"	North-west corner Centre and Union	1	
"	North-west corner Centre and North Spring	1	
"	North-west corner Centre and Rumford	1	
"	South side Centre opposite Essex	1	
"	South-west corner Centre and Summit avenue	1	
"	North-east corner Centre and Bridge Road	1	8

FIRE HYDRANTS.—*Continued.*

STREETS	LOCATIONS.	Number	Total.
Bridge.	South side Bridge, near easterly barn	1	1
Capitol.	North-east corner Capitol and North State	1	1
School.	North-west corner School and Green.	1	
"	North-west corner School and North Spring	1	
"	North-west corner School and Merrimack	1	
"	North side School, near city storehouse	1	
"	North side School, opposite E. B. Woodworth	1	5
Depot.	North-west corner Depot and Railroad square	1	
"	South side Depot at end of train shed	1	2
Warren.	North-west corner Warren and Green	1	
"	North-west corner Warren and North Spring	1	
"	North-west corner Warren and Rumford	1	
"	South-west corner Warren and Merrimack	1	
"	North-west corner Warren and Tahanto	1	
"	North-east corner Warren and High	1	
"	Junction Warren and Pleasant, near Fruit	1	7
Pleasant.	North-west corner Pleasant and Railroad square	1	
"	North-west corner Pleasant and Green	1	
"	South-west 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, near Salem	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	15
Mill Road	East side Mill road, near Upper school cottage	1	
St. P. Sch.	North side Mill road at Orphan's Home	1	2
Old Hopkinton rd.	Junction Old and New Hopkinton roads	1	1
Marshall.	North side Marshall, opposite Fuller	1	1
Freight.	North side Freight at sout-west corner passenger station	1	1
Hill's ave	North-east corner Hill's avenue and South Main	1	
"	South-west corner Hill's avenue and Railroad square	1	2
Fayette.	North-west corner Fayette and Elm	1	1
Chandler.	South side Chandler, opposite railroad	1	1
Concord.	South side Concord, opposite Jefferson	1	1
Thorndike.	North-east corner Thorndike and Grove	1	1
Laurel.	North-east corner Laurel and Pierce	1	1
Perley.	North-west corner Perley and Grove.	1	
"	South side Perley, near old brook	1	2
West.	North side West, near Badger	1	

FIRE HYDRANTS.—*Continued.*

STREETS	LOCATIONS.	Number	Total.
West.	North side West, opposite Dakin	1	
"	North side West, at intersection Broadway	1	3
Clinton.	North side Clinton, opposite Avon	1	1
Avon.	North-west corner Avon and South	1	1
Harrison.	North-west corner Harrison and Morton	1	1
Allison.	North-west corner Allison and Mills	1	1
Rockingham	North-east corner Rockingham and Broadway	1	1
Prospect.	North-west corner Prospect and Granite avenue	1	1
Currice av.	North side Curtis avenue, near John C. Kenney's	1	1
Main line.	West side West Concord road, at water-works storehouse	1	
"	North-east corner West Concord road and Foster	1	
"	East side West Concord road, near Cemetery gate	1	
"	East side West Concord road, near W. H. Perry's	1	
"	West side West Concord road, near Calvary Cemetery	1	
"	East side West Concord road, near A. L. Colburn's	1	
	WEST CONCORD.		
"	East side West Concord road, near Asa L. Gay's	1	
"	East side West Concord road, near C. R. Farnum's	1	
"	East side West Concord road, near stone cut	1	9
Main.	East side Main, near old city farm	1	
"	East side Main, near engine house	1	
"	East side Main, opposite D. Holden's	1	
"	West side Main, near north mill	1	
"	East side Main, opposite George W. Brown's	1	
"	East side Main, near Mr. Harrington's	1	
"	East side Main, opposite A. Hollis's	1	
"	East side Main, near Sewall's Falls road	1	8
Electric.	Northeast corner of Electric and Main	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
Penacook rd	West side Penacook road, near Warner road	1	
"	West side Penacook road, near Mr. Currier's	1	2
	PENACOOK.		
Main	West side Main, at Woodlawn cemetery	1	
"	West side Main, opposite Stark	1	
"	West side Main, near Mr. Prescott's	1	
"	Soutwest corner Main and Union	1	
"	Washington spuare, opposite Washington	1	
"	Northwest corner Main and Charles	1	