

**CITY TREASURER'S CONDENSED STATEMENT OF
WATER-WORKS ACCOUNT.**

W. F. Thayer, Treasurer, in account with Concord
Water-Works:

RECEIPTS.

Balance on hand January 1, 1910,	\$28,682.47	
P. R. Sanders, superintendent,	68,673.71	
	—————	\$97,356.18

EXPENDITURES.

Interest on bonds,	\$23,209.75	
Bonds paid,	25,000.00	
Orders paid,	21,766.30	
Cash on hand,	27,380.13	
	—————	\$97,356.18

APPENDIX.

A.RECEIPTS FOR EACH YEAR SINCE THE CONSTRUCTION OF THE
WORKS.

For the year ending January 31, 1874,	\$4,431.10
For fifteen months ending April 1, 1875,	17,535.00
For the year ending April 1, 1876,	16,921.24
“ “ “ 1877,	19,001.07
“ “ “ 1878,	20,763.03
“ “ “ 1879,	21,869.86
“ “ “ 1880,	22,451.53
“ “ “ 1881,	26,744.58
For nine months ending December 31, 1881,	25,534.01
For the year ending December 31, 1882,	27,243.06
“ “ “ 1883,	28,255.48
“ “ “ 1884,	28,915.65
“ “ “ 1885,	30,222.54
“ “ “ 1886,	30,862.64
“ “ “ 1887,	34,047.52
“ “ “ 1888,	38,441.32
“ “ “ 1889,	40,237.53
“ “ “ 1890,	42,133.41
“ “ “ 1891,	46,075.16
“ “ “ 1892,	48,351.52
“ “ “ 1893,	52,299.66
“ “ “ 1894,	53,230.10
“ “ “ 1895,	55,343.19
“ “ “ 1896,	56,557.81
“ “ “ 1897,	55,156.42
“ “ “ 1898,	59,147.54
“ “ “ 1899,	*53,953.13
“ “ “ 1900,	*57,003.71
“ “ “ 1901,	62,253.61
“ “ “ 1902,	63,430.85
“ “ “ 1903,	65,088.45

WATER DEPARTMENT.

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For the year ending December 31, 1904,		\$68,570.48
“ “ “ 1905,		71,076.44
“ “ “ 1906,		73,063.45
“ “ “ 1907,		73,782.64
“ “ “ 1908,		71,362.67
“ “ “ 1909,		*67,307.84
“ “ “ 1910,		*68,673.71
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Total receipts for 38 years,		\$1,697,338.95

* No hydrant rental this year.

B.

MEAN HEIGHT OF WATER EACH YEAR.

1873,	175.86	1892,	174.32
1874,	179.50	1893,	173.38
1875,	180.00	1894,	172.81
1876,	180.28	1895,	171.15
1877,	176.46	1896,	178.96
1878,	179.50	1897,	183.33
1879,	179.74	1898,	184.31
1880,	175.30	1899,	183.49
1881,	174.70	1900,	183.09
1882,	179.15	1901,	183.86
1883,	176.40	1902,	184.98
1884,	178.18	1903,	184.75
1885,	176.80	1904,	184.40
1886,	178.10	1905,	183.37
1887,	179.04	1906,	183.94
1888,	181.96	1907,	183.59
1889,	180.91	1908,	183.41
1890,	181.90	1909,	181.40
1891,	180.00	1910,	180.22

D.
FIRE-HYDRANTS.

STREETS.	LOCATIONS.	Number.	Total.		
North Main . . .	Southwest corner North Main and Penacook	1	27		
	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 North Main, opp. 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			
	South Main . . .	Southeast corner South Main and Pleasant		1	20
		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 South Main and Wentworth 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			
	East side South Main, near West	1			
	Northeast corner South Main and Gas	1			
	West side South Main, opposite Holt Bros. Mfg. 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, opposite Langdon	1			
	West side South Main, at J. H. Lamprey's	1			
	West side South Main, at W. J. Sawyer's	1			
Water	West side Water, near Capt. James Thompson's	1	1		
Hall	West side Hall, opposite Rolfe and Rumford Asylum	1			
	West side Hall, near E. W. Robinson's	1	7		
	West side Hall, near F. H. George's	1			
	West side Hall, opposite Hammond	1			
	West side Hall, below Hammond	1			
	East side Hall, opposite W. H. Page's	1			
	East side Hall, near Rumford Field	1			
Hammond	North side Hammond, near Bridge	1			
Railroad	East side Railroad, opposite Ford & Kimball's	1	1		
Fiske	West side Fiske, near North State	1			
Summer	Northeast corner Summer and Pitman	1			
Durgin	East side Durgin, opposite Toof's laundry	1	1		

FIRE-HYDRANTS.—Continued.

STREETS.	LOCATIONS.	Number.	Total.
North State...	Southwest corner North State and Penacook.....	1	13
	Northwest corner North State and Walker.....	1	
	Northwest corner North State and Church.....	1	
	Northeast corner North State and Franklin.....	1	
	Northwest corner North State and Tremont.....	1	
	Northeast corner North State and Washington.....	1	
	West side North State, opposite Court.....	1	
	Southwest corner North State and Maple.....	1	
	Southeast corner North State and Centre.....	1	
	Southeast corner North State and Park.....	1	
	Southwest corner North State and School.....	1	
	Southeast corner North State and Warren.....	1	
	Northwest corner North State and Pleasant.....	1	
	East side South State, opposite Wall.....	1	
South State...	Northwest corner South State and Thompson.....	1	
	Southwest corner South State and Monroe.....	1	
	East side South State, opposite Laurel.....	1	
	Northeast corner South State and Downing.....	1	
	Northeast corner South State and West.....	1	
Mills.....	Southwest corner South State and Harrison.....	1	
	West side Mills, near Levi Call's.....	1	
Dakin.....	Northwest corner Mills and Allison.....	1	
	West side Dakin, near C. E. Harriman's.....	1	
Dunklee.....	West side Dunklee, 150 feet south of West.....	1	
	Northwest corner Dunklee and Allison.....	1	
Broadway....	Northwest corner Dunklee and Pillsbury.....	1	
	West side Broadway at H. H. Metcalf's.....	1	
	Northwest corner Broadway and Allison.....	1	
	Northwest corner Broadway and Carter.....	1	
	Northwest corner Broadway and Stone.....	1	
Donovan.....	West side Broadway, at Rollins Park.....	1	
	West side Broadway, opposite McKinley.....	1	
	West side Broadway, between McKinley and Rockingham	1	
	Northeast corner Donovan and Wiggin.....	1	
Green.....	Northwest corner Green and Prince.....	1	
	East side Green, opposite Prince.....	1	
South.....	Northwest corner Green and Warren.....	1	
	West side South, opposite Wall.....	1	
	Northwest corner South and Fayette.....	1	
	Northwest corner South and Thompson.....	1	
	West side South, opposite Monroe.....	1	
	West side South, opposite Laurel.....	1	
	West side South, below N. H. Memorial Hospital.....	1	
	West side South, opposite Downing.....	1	
	West side South, opposite Allison.....	1	
	West side South, opposite Pillsbury.....	1	
	West side South, near Abbot farm.....	1	
	West side South, opposite I. W. Bushey's.....	1	
	Northwest corner South and Iron Works Roads.....	1	
	East side South, at Quint's.....	1	
Bradley.....	West side South, near Bow line.....	1	
	Southwest corner Bradley and Penacook.....	1	
	Northwest corner Bradley and Walker.....	1	
	East side Bradley, opposite Highland.....	1	
Union.....	Northwest corner Bradley and Franklin.....	1	
	Northwest corner Union and Maple.....	1	
Jackson.....	Northeast corner Jackson and Church.....	1	
Lyndon.....	Southwest corner Lyndon and Tremont.....	1	
	East side Lyndon, opposite Abbott.....	1	
North Spring..	Northeast corner North Spring and Maple.....	1	
	Southwest corner North Spring and Centre.....	1	
	East side North Spring, opposite High School.....	1	

FIRE-HYDRANTS.—Continued.

STREETS.	LOCATIONS.	Number.	Total.
South Spring . .	Southwest corner South Spring and Oak	1	
	West side South Spring, opposite Thompson	1	
Academy	West side South Spring, opposite Concord	1	
	West side So. Spring, opp. Perley proposed extension	1	4
Rumford	East side Academy, at William E. Dow's	1	1
	West side Rumford, south of cemetery gate	1	
	West side Rumford, opposite Perkins	1	
	Northeast corner Rumford and Albin	1	
	Northeast corner Rumford and Franklin	1	
	Northwest corner Rumford and Beacon	1	
	Northeast corner Rumford and Abbott	1	
	Northeast corner Rumford and Cambridge	1	
	Northwest corner Rumford and Centre	1	
	Northeast corner Rumford and School	1	9
Huntington . . .	West side Huntington, at head of Short	1	1
Tahanto	Northwest corner Tahanto and School	1	1
Pine	Southwest corner Pine and Centre	1	
	Southwest corner Pine and Warren	1	2
Holt	East side Holt, at Nason's	1	1
	Northwest corner High and Auburn	1	
High	East side High, opposite Forest	1	
	Southwest corner High and Franklin	1	3
Valley	Northeast corner Valley and Forest	1	1
Auburn	Northeast corner Auburn and Chestnut	1	
	Northeast corner Auburn and Forest	1	
	North side Auburn, between Centre and Forest	1	3
Ridge Road . . .	West side Ridge Road, opposite J. B. Campbell's	1	1
Westbourne Rd	North side Westbourne Road, north of Mrs. F. P. Hallett's	1	1
Giles	Southeast corner Giles and School	1	1
Princeton	Southwest corner Princeton and Clinton	1	
	Northwest corner Princeton and Noyes	1	2
Fruit	Northeast corner Fruit and Woodman	1	
	West side Fruit, near H. T. Gilman's	1	
	East side Fruit, opposite W. W. Critchett's	1	
	East side Fruit, opposite Kilburn's	1	4
Minot	West side Minot, north of Odd Fellows' Home	1	
	West side Minot, south of Odd Fellows' Home	1	
	Northwest corner Minot and Pleasant	1	3
Penacook	South side Penacook, near Concord Lumber Co.	1	
	South side Penacook, east of P. B. Co.'s storehouse	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	7
Walker	Southeast corner Penacook and Columbus Avenue	1	1
Albin	Southwest corner Walker and Martin	1	1
	North side Albin, near D. Weathers'	1	1
Highland	North side Highland, between Bradley and Rumford	1	
	Northeast corner Highland and Rumford	1	2
Church	South side Church, east of Bradley	1	
	North side Church, opposite Lyndon	1	
	Northeast corner Church and Rumford	1	3
Franklin	Northwest corner Franklin and Jackson	1	
	Northeast corner Franklin and Lyndon	1	
	Southwest corner Franklin and Rumford	1	
	South side Franklin, opposite W. J. Ahern's	1	1
Chestnut	North side Franklin, between High and Auburn	1	
	Northeast corner Franklin and Auburn	1	6
	Northwest corner Chestnut and High	1	1
Tremont	North side Tremont, east of Harrod	1	
	Southwest corner Tremont and Jackson	1	2

FIRE-HYDRANTS.—Continued.

STREETS.	LOCATIONS.	Number.	Total.
Pearl.....	North side Pearl, at Kimball Flanders'.....	1	1
Beacon.....	North side Beacon, opposite Merrimack School.....	1	
	Northwest corner Beacon and Jackson.....	1	
	Southwest corner Beacon and Lyndon.....	1	
	South side Beacon, opposite Charles.....	1	4
Rowell.....	Northeast corner Rowell and White.....	1	1
Blanchard...	Northwest corner Blanchard and Essex.....	1	1
Ferry.....	North side Ferry, opposite Ford's foundry.....	1	
	North side Ferry, near N. E. Granite Works.....	1	
	North side Ferry, east of C. & M. R. R.....	1	
	Northwest corner Ferry and Huntoon Avenue.....	1	4
Washington..	North side Washington, opposite Rollins.....	1	
	Southwest corner Washington and Union.....	1	
	Northeast corner Washington and Lyndon.....	1	
	Northwest corner Washington and Rumford.....	1	
	Northwest corner Washington and North Essex.....	1	
	North side Washington, opposite Perry Avenue.....	1	6
Chapel.....	South side Chapel, near Methodist Church.....	1	1
Montgomery..	South side Montgomery, opposite Mrs. George Minot's..	1	1
Centre.....	Northeast corner Centre and North State.....	1	
	Southwest corner Centre and Green.....	1	
	Northwest corner Centre and Union.....	1	
	Northwest corner Centre and North Spring.....	1	
	South side Centre, opposite Essex.....	1	
	Southwest corner Centre and Summit Avenue.....	1	
	Northeast corner Centre and Ridge Road.....	1	7
Bridge.....	South side Bridge, near easterly barn.....	1	
	North side Bridge, opposite Concord Coal Co.'s.....	1	
	North side Bridge, opposite Concord Shoe Factory....	1	3
Park.....	North side Park, at St. Paul's Church.....	1	1
Capitol.....	Northeast corner Capitol and North State.....	1	1
Garden.....	Northeast corner Garden and Huntington.....	1	1
School.....	Northwest corner School and Green.....	1	
	Northwest corner School and North Spring.....	1	
	Northwest corner School and Rumford.....	1	
	Northwest corner School and Merrimack.....	1	
	Northwest corner School and Pine.....	1	
	Northeast corner School and Liberty.....	1	
	North side School, opposite E. B. Woodworth's.....	1	7
Warren.....	Southeast corner Warren and Fremont.....	1	
	Northwest corner Warren and North Spring.....	1	
	Northwest corner Warren and Rumford.....	1	
	Southwest corner Warren and Merrimack.....	1	
	Northwest corner Warren and Tahanto.....	1	
	Northeast corner Warren and Liberty.....	1	
	Northeast corner Warren and Giles.....	1	
	Junction of Warren and Pleasant, near Fruit.....	1	8
Depot.....	South side Depot, at north end of train shed.....	1	
	Northwest corner Depot and Railroad Square.....	1	2
Blake.....	South side Blake, at John B. McLeod's.....	1	1
Orchard.....	South side Orchard, opposite Sherburne's.....	1	1
Pleasant.....	Northwest corner Pleasant and Railroad Square.....	1	
	Southeast corner Pleasant and South.....	1	
	Northeast corner Pleasant and Fremont.....	1	
	Southwest corner Pleasant and Spring.....	1	
	South side Pleasant, opposite Rumford.....	1	
	South side Pleasant, opposite Merrimack.....	1	
	South side Pleasant, opposite Pine.....	1	
	South side Pleasant, opposite Liberty.....	1	
	North side Pleasant, near city stable.....	1	
	South side Pleasant, near Gale.....	1	
	South side Pleasant, opposite Mrs. Aiken's.....	1	

FIRE-HYDRANTS.—Continued.

STREETS.	LOCATIONS.	Number.	Total.
Pleasant.....	South side Pleasant, near Mrs. Eddy's cottage.....	1	19
	North side Pleasant, near James Lane's.....	1	
	North side Pleasant, near J. McC. Hammond's.....	1	
	South side Pleasant, opposite Fiske Road.....	1	
	Southwest corner Pleasant and School Avenue.....	1	
	North side Pleasant, opposite infirmary.....	1	
	South side Pleasant, in field near gasometer.....	1	
Mill Road.....	South side Pleasant, near new Upper School.....	1	3
St. P. School..	East side Mill Road, near laboratory.....	1	
Old Hopkint'n Road ..	North side Mill Road, at Orphans' Home.....	1	3
	South side Mill Road, at tenement No. 7.....	1	
Wall.....	Junction old and new Hopkinton roads.....	1	1
Marshall....	Northeast corner Wall and Elm.....	1	1
Freight.....	North side Marshall, opposite Fuller.....	1	1
Hill's Avenue.	North side Freight, at southwest corner passenger station	1	2
	Southwest corner Hill's Avenue and Railroad Square..	1	
Fayette.....	Northeast corner Hill's Avenue and South Main.....	1	1
Thompson....	Northwest corner Fayette and Elm.....	1	1
Chandler.....	North side Thompson, opposite Jefferson.....	1	1
Concord.....	South side Chandler, opposite Railroad.....	1	3
	Southwest corner Concord and South State.....	1	
Monroe.....	Northwest corner Concord and Jefferson.....	1	1
Thorndike....	Northeast corner Concord and South.....	1	3
	North side Monroe, opposite Grove.....	1	
Laurel.....	North side Thorndike and Grove.....	1	3
	North side Thorndike, opposite Pierce.....	1	
Perley.....	Northeast corner Thorndike and South Spring.....	1	2
	Northwest corner Laurel and Grove.....	1	
Downing.....	Southwest corner Perley and South State.....	1	4
	Northwest corner Perley and Grove.....	1	
Clinton.....	Northeast corner Perley and Pierce.....	1	3
	South side Downing, near old brook.....	1	
	South side Downing, opposite Grove.....	1	
West.....	Southeast corner Downing and Mills.....	1	5
	Southwest corner Downing and Redwood Avenue.....	1	
	North side Clinton, opposite Harvard.....	1	
	North side Clinton, opposite Avon.....	1	
	Northeast corner Clinton and Fruit.....	1	
Avon.....	North side Clinton, near Snell's.....	1	5
	North side Clinton, at State Fair grounds.....	1	
Harrison....	North side West, near South Main.....	1	1
	North side West, near Badger.....	1	
Humphrey....	Northeast corner West and Mills.....	1	1
	North side West, opposite Dakin.....	1	
Allison.....	Northwest corner West and Broadway.....	1	1
	Northwest corner Avon and South.....	1	
Pillsbury....	Northwest corner Harrison and Morton.....	1	1
	North side Humphrey, near Kimball.....	1	
Carter.....	Northeast corner Allison and Badger.....	1	1
	North side Pillsbury, opposite Foster Ward.....	1	
Stone.....	Northeast corner Pillsbury and Broadway.....	1	3
	Northwest corner Pillsbury and Kimball.....	1	
Holly.....	Northeast corner Carter and Eastman.....	1	1
	North side Stone, 300 feet from Bow.....	1	
Rockingham..	North side Holly, west of South Main.....	1	1
	Northeast corner Rockingham and Broadway.....	1	
Iron Works Rd Prospect.....	North side Rockingham, at Donovan.....	1	2
	South side Iron Works Road, at Brown's.....	1	
	Northwest corner Prospect and Granite Avenue.....	1	2
	East side Prospect, north of Granite Avenue.....	1	

FIRE-HYDRANTS.—Continued.

STREETS.	LOCATIONS.	Number.	Total.
Curtice Ave. . . .	North side Curtice Avenue, near John C. Kenney's	1	1
North State . . .	West side North State, at Water-Works storehouse	1	
	Northeast corner North State and Foster	1	
	Northeast corner North State and Curtice Avenue	1	
	East side North State, near W. H. Perry's	1	
	East side North State, near north entrance Blossom Hill Cemetery	1	
	West side North State, near Calvary Cemetery	1	
	East side North State, near A. L. Colburn's	1	
	East side North State, near Thomas Fox's house	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	
	Northwest corner North State and Palm	1	
	West side North State, near Concord Woodworking Co. . . .	1	
	East side North State, near C. H. Farnum's	1	
	East side North State, near Cyrus R. Farnum's	1	
	East side North State, near M. H. Farnum's	1	
	East side North State, opposite Dolan	1	
	East side North State, opposite John H. Flood's	1	
	West side North State, opposite S. Abbott's	1	19
Palm	North side of Palm, west of Fairbanks	1	1
WEST CONCORD.			
North State . . .	Southeast corner North State and K	1	
	Northeast corner North State and Peabody	1	
	East side North State, at George Partridge's	1	
	East side North State, near engine house	1	
	East side North State, opposite D. Holden's	1	
	West side North State, near west mill	1	
	East side North State, opposite Simeon Partridge's	1	
	East side North State, near Mr. Harrington's	1	
	East side North State, opposite A. Hollis'	1	
	East side North State, near Sewall's Falls Road	1	10
Fisher	Southwest corner Fisher and Engel	1	1
View	Northeast corner View and K	1	1
Electric	Northeast corner of Electric and North State	1	
	North side Electric, near power station	1	2
Clarke	Northeast corner Clarke and Fisher	1	1
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. & O. Railroad	1	
	North side Hutchins, at Turcotte's	1	3
Second	North side Second, near A. H. Knight's	1	1
Penacook Rd. . .	West side Penacook Road, opposite Frost's	1	
	West side Penacook Road, opposite Blanchard's	1	
	West side Penacook Road, near Warner Road	1	3
PENACOOK.			
Main	West side Main, at Annis's	1	
	West side Main, at Garvin's	1	
	West side Main, south of Willow Hollow	1	
	West side Main, near Mr. Currier's	1	
	West side Main, at south end of Woodlawn Cemetery	1	
	West side Main, at north end of Woodlawn cemetery	1	
	West side Main, opposite Stark	1	
	West side Main, near Hoyt's garage	1	
	West side Main, near Prescott's	1	

FIRE-HYDRANTS.—*Concluded.*

STREETS.	LOCATIONS.	Number.	Total.
Main.....	Southwest corner Main and Union.....	1	14
	Washington Square, opposite Washington.....	1	
	Northwest corner Main and Charles.....	1	
West Main...	North side Main, opposite East Canal.....	1	2
	West side Main, near iron bridge.....	1	
High.....	West side West Main, opposite cemetery.....	1	4
	West side West Main, at Pine.....	1	
	Northwest corner High and Stark.....	1	
Washington..	East side High, opposite Summit.....	1	4
	Northwest corner High and Maple.....	1	
	Northwest corner High and Spring.....	1	
	Southeast corner Washington and Union.....	1	
Elliott.....	South side Washington, opposite John Whitaker's.....	1	4
	South side Washington, opposite Charles.....	1	
Charles.....	South side Washington, near Contoocook bridge.....	1	1
	Northeast corner Elliott and Electric Avenue.....	1	
West Canal...	Southwest corner Charles and Warren.....	1	2
East Canal...	North side Charles, near George W. Corey's.....	1	
Crescent....	Southeast corner West Canal and Warren.....	1	2
	North side East Canal, near Contoocook Mfg. Co.....	1	
Merrimack...	North side East Canal, near Crescent.....	1	7
	West side Crescent, north of Canal.....	1	
	South side Merrimack, opposite Merrimack Avenue.....	1	
	North side Merrimack, opposite D. W. Fox's.....	1	
	South side Merrimack, opposite Cross.....	1	
	South side Merrimack, opposite Rolfe's shop.....	1	
	South side Merrimack, opposite Symonds' factory.....	1	
Summer.....	North side Merrimack, near road to Island.....	1	3
	Northwest corner Merrimack and Penacook.....	1	
	North side Summer, opposite High.....	1	
Spring.....	Northeast corner Summer and Centre.....	1	1
	North side Summer, opposite Church.....	1	
Maple.....	North side Spring and Church.....	1	1
Winter.....	Northeast corner Maple and Pleasant.....	1	
Centre.....	North side Winter, near Pleasant.....	1	2
	Northwest corner Centre and Spring.....	1	
Cross.....	West side Centre, at Corbett's.....	1	1
	Southwest corner Cross and Summer.....	1	
Rolfe.....	West side Centre, at Corbett's.....	1	2
	North side Rolfe, near James Corbett's.....	1	
Penacook....	Northwest corner Rolfe and Penacook.....	1	3
	West side Penacook, opposite A. W. Rolfe's.....	1	
	West side Penacook, at E. L. Davis'.....	1	
	East side Penacook, at John Chadwick's.....	1	
	Whole number public hydrants.....		404
	PRIVATE HYDRANTS.		
	Concord Shoe Factory.....	1	63
	Boston & Maine Railroad, upper yard.....	4	
	Boston & Maine Railroad, new shops.....	15	
	State Prison.....	6	
	Abbot-Downing Co.'s yard.....	6	
	Page Belting Co.'s yard.....	10	
	W. P. Ford & Co.'s yard.....	1	
	N. H. State Hospital yard.....	10	
	Concord Gas Light Co.'s yard.....	1	
	St. Paul's School.....	1	
	Water Works Pumping Station grounds.....	1	
	Wm. B. Durgin Co.....	1	
	N. H. Spinning Mill.....	4	
	Crescent Worsted Co.....	2	
	Whole number private hydrants.....		

E.**SUMMARY OF STATISTICS.**

FOR THE YEAR ENDING DECEMBER 31, 1910.

In form recommended by the New England Water-Works Association.

CONCORD WATER-WORKS.

CITY OF CONCORD, COUNTY OF MERRIMACK, STATE OF NEW HAMPSHIRE.

GENERAL STATISTICS.

Population by census of 1910—21,497.

Date of construction—1872.

By whom owned—City of Concord.

Source of supply—Penacook Lake.

Mode of supply—Gravity, also pumping to reservoir for high service and fire protection.

PUMPING STATISTICS.

1. Builders of pumping machinery—Henry R. Worthington, Harrison, N. J.
2. Description of fuel used—*a.* Kind—bituminous.
 - b.* Brand of coal—Pocahontas.
 - c.* Average price of coal per gross ton delivered, \$.498.
 - d.* Percentage ash, 9.5.

3. Coal consumed for the year—242.614 tons.
4. (Pounds of wood consumed) ÷ 3=equivalent amount of coal—9,632.666.
5. Total equivalent coal consumed for the year for pumping purposes—246.914.
6. Total pumpage for the year without allowance for slip—296,494,184 gallons.
7. Average static head against which pump works—199.30 feet.
8. Average dynamic head against which pump works—200.46 feet.
9. Number of gallons pumped per pound of equivalent coal—536.06.
10. Duty=
$$\frac{296,494,184 \text{ gallons pumped} \times 8.34 \text{ (lbs)} \times 100 \times \text{dynamic head, } 200.46}{\text{Total fuel consumed } 553,089 \text{ pounds}} = 89,622,255.$$
Cost of pumping figured on pumping station expenses, \$3,454.10.
11. Per million gallons pumped—\$11.65.
12. Per million gallons raised one foot (dynamic)—\$0.058.

STATISTICS RELATING TO DISTRIBUTION SYSTEM.

MAINS.

1. Kind of pipe—cast iron and cement-lined.
2. Sizes—from two-inch to twenty-four-inch.
3. Extended—1,252 feet during year.
4. Renewed—3,963 feet during year.
5. Discontinued—3,963 feet during year.
6. Total now in use—67.97 miles.
7. Number of leaks per mile for year—
8. Length of pipes two inches and less diameter—3.35 miles.

9. Number of hydrants added during year—public, 15; private, none.
10. Number of hydrants now in use—public, 404; private, 63.
11. Number of stop gates added during year—14.
12. Number of stop gates now in use—959.
13. Number of stop gates smaller than four inch—none.
14. Number of blow-off gates—82.
15. Range of pressure on mains at center of city—88 pounds high service and 48 pounds low service.

SERVICES.

16. Kind of pipe—cement-lined.
17. Sizes—three-fourths-inch to ten-inch.
18. Extended—1,071 feet.
19. Discontinued—
20. Total now in use—86,277 feet.
21. Number of service taps added during year—35.
22. Number now in use—3,705.
23. Average length of service—23.286 feet.
24. Average cost of service for the year—
25. Number of meters added during year—253.
26. Number now in use—2,011.
27. Percentage of services metered—57.24.
28. Percentage of receipts from metered water—72.5.
29. Number of elevators added—none.
30. Number now in use—10.
31. Number of standpipes for street watering—39.

HEALTH DEPARTMENT.

BOARD OF HEALTH REPORT.

To the City Council:

We have the honor to submit the following report for the year ending December 31, 1910.

Regular monthly meetings were held on the first Monday of the month throughout the year. One special meeting was called, namely, September 24, 1910. This meeting was called to consider the position to be taken by our board in regard to cases of infantile paralysis or acute anterior poliomyelitis. In view of the extremely unfortunate termination of the majority of cases of this disease, together with the recently established fact of its contagiousness, it was felt that the most strenuous efforts must be taken to limit its transmission. Accordingly, the following regulations were adopted by the Board of Health, and on submission to the Board of Mayor and Aldermen were approved and became operative.

REGULATIONS CONCERNING ANTERIOR POLIOMYELITIS OR INFANTILE PARALYSIS.

All cases of anterior poliomyelitis or infantile paralysis shall be reported to the Board of Health. Such cases shall be quarantined for a period of one month following the initial symptoms. Any child who shall be exposed to the disease during a period of one month following its initial symptoms shall be excluded from the schools for one

month following such exposure. Such exposed children shall also be forbidden to attend public gatherings during a like period.

As new light is thrown on the manner in which the disease spreads it will doubtless be found advisable to modify the above regulations from time to time, but in the present incomplete stage of our knowledge it was thought best to allow a good margin of safety in estimating the limit of the period of incubation.

At the January, 1910, meeting a contract was made with W. H. Schieffelin & Co., for our supply of antitoxin. The arrangement has been very satisfactory and the quality of the antitoxin unsurpassed.

The reports of the sanitary officer and milk inspector are transmitted herewith and reference is made to them for details of the work of the department.

Respectfully submitted,

CHARLES J. FRENCH, *Mayor*,

CHARLES H. COOK,

FRED A. SPRAGUE,

Board of Health.

REPORT OF MILK INSPECTOR.

To the Board of Health:

GENTLEMEN,—The examinations made by the milk inspector appear in another part of the health department report. The examinations show improvement in cleanliness but still further improvement must be had.

During the year farm inspection has gone on to some extent, all new supplies having been investigated, but the inspection of farms already scored should be examined again for improvements.

During the year many supplies have been investigated for tubercle bacilli, but to date all have been found negative. This work, involving as it does the use of animals, will be continued from time to time during the year.

As a new departure we have lately used the test where the actual amount of dirt in one pint of milk is separated out on cotton, and this dirt found in different dealers' milk may be seen at the health office. This method of examination has a value the average consumer may appreciate if seeing is believing, for the dirt is on the cotton and this in some instances has led the consumer to change milkmen. The value of such a test, however, is visionary, for clean milk means keeping dirt out and not straining it out. To keep it out means advice and inspection of the farm, and it is here we hope to do the best work for clean milk.

During the year many improvements have been reported in new barns built or repaired, and the result of these as we have them on record invite your attention.

CHARLES DUNCAN, M. D.,
Milk Inspector.

REPORT OF SANITARY OFFICER.

To the Board of Health:

GENTLEMEN,—Herewith is submitted for your consideration the annual report of the sanitary officer for the year ending December 31, 1910, together with detailed tables of the work of the department and the mortuary report.

MORTALITY.

The total number of deaths from all causes was 483, three more than in 1909. Of this number 62 were under 1 year of age, and 62 were over 80 years of age. The annual death-rate was 15.45, compared with 16.1 in 1909. Deaths of non-residents in public institutions and still births were not included in reckoning the death-rate. Transit permits were granted for the removal of 187 bodies to other places for burial, and 99 bodies were brought from out of town for interment in our cemeteries.

CONTAGIOUS DISEASES.

The city has been remarkably free from contagious diseases during the year, the total number of cases reported being 199, with but 2 deaths. This is the smallest number of deaths from contagious diseases in any one year since the cases were first recorded in 1890.

The number of cases of diphtheria reported was 30, with only 1 death. Compared with 131 cases and 6 fatalities in 1909, this shows a very encouraging decrease. As in former years antitoxin was furnished free to those who were unable to purchase it for themselves, and in

several cases it was furnished at cost to those who were not able to pay the full retail price.

We were fortunate in having so few cases of scarlet fever, as the disease prevailed in epidemic form in many places during the year. Ten cases were reported, with one death.

There were reported 16 cases of typhoid fever, with no deaths. The origin of several of these cases was traced to sources outside the city.

There were 143 cases of measles reported, with no deaths. This small number is due to the epidemic of 1909, when there were 1,168 cases recorded.

One case of infantile paralysis was reported and the house was placarded and the patient was quarantined for a period of one month.

There were 32 deaths from tuberculosis, 8 less than in 1909. We have no way of telling the exact number of cases in the city, as there is no law requiring physicians to report tuberculosis. Rooms were carefully disinfected after deaths and removals as in former years. The tubercular exhibit the first of the year brought before our minds the fact that every precaution should be taken against the spread of this dread disease.

FUMIGATION.

The formaldehyde-potassium permanganate method of fumigation was used with success. All the school books in Union School District were fumigated at the close of the school year in June.

EXPENDITURES.

The expenses for this department were kept within the appropriation of \$2,625, and a balance of \$69.25 was not

expended. We received the sum of \$29.37 from the sale of diphtheria antitoxin and fumigation supplies.

EXPENDITURES OF THE BOARD OF HEALTH OF THE CITY OF
CONCORD FOR THE YEAR ENDING DECEMBER 31, 1910.

SALARIES.

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

FUMIGATION SUPPLIES.

A. H. Knowlton & Co., formaldehyde,	11.75
A. Perley Fitch, formaldehyde and permanganate,	18.33
E. S. Cook, assignee, formaldehyde,	4.80

INCIDENTAL EXPENSES.

Helen O. Monier, services,	420.00
Charles H. Cook, M. D., substituting for sanitary officer,	49.79
Rumford Printing Co., mortuary reports,	22.00
Rumford Printing Co., binding one volume,	1.25
New England Telephone and Telegraph Co., rentals, etc.,	23.62
Charles E. Palmer, postage, etc.,	18.75
Ira C. Evans Co., printing,	19.75
Edson C. Eastman, office supplies,	5.86
F. H. McArdle, ink well,	1.50
Treworgy Ink and Pen Mfg. Co., writing fluid,	.75
A. R. Andrews, dater,	.20
A. H. Britton & Co., tape measure,	.35

ANTITOXIN AND MEDICAL SUPPLIES.

Schieffelin & Co., diphtheria antitoxin,	\$211.05
George A. Berry & Co., diphtheria antitoxin,	26.20
Eugene Sullivan & Co., diphtheria antitoxin,	8.75
C. H. Martin & Co., diphtheria antitoxin,	7.05
Fowler's Drug Store, diphtheria antitoxin,	3.75
C. H. Martin Co., alcohol,	.25
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	\$2,555.75

RECEIPTS FOR THE YEAR 1910.

Milk license fees,	\$180.25
Sale of diphtheria antitoxin,	23.15
Sale of formaldehyde and permanganate,	6.22
	<hr/>
	\$209.62

CONTAGIOUS DISEASES.

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

MONTHS.	Diphtheria.		Scarlet fever.		Typhoid fever.		Smallpox.		Measles.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January	9	.....	3	1	1	.....	.....	.....	43	.....
February	2	.....	2	.....	1	.....	.....	.....	41	.....
March.....	1	.....	.....	.....	.....	.....	.....	.....	28	.....
April.....	1	.....	3	.....	1	.....	.....	.....	18	.....
May.....	7	.....	2	.....	1	.....	.....	.....	8	.....
June.....	1	.....	.....	.....	.....	.....	.....	.....	4	.....
July.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....
August.....	1	.....	.....	.....	6	.....	.....	.....	.....	.....
September.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....
October.....	3	.....	.....	.....	2	.....	.....	.....	.....	.....
November.....	2	.....	.....	.....	1	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	2	.....	.....	.....	1	.....
Totals.....	30	1	10	1	16	.....	.....	.....	143	.....

REPORT OF CONTAGIOUS DISEASES BY WARDS.

WARDS.	1	2	3	4	5	6	7	8	9	Totals.
Diphtheria.....	1	5	1	8	9	1	5	30
Scarlet fever	1	1	3	1	2	2	10
Typhoid fever.....	3	.....	1	.....	3	5	2	2	16
Smallpox.....
Measles.....	3	.....	.....	24	22	38	55	.....	1	143

COMPARATIVE TABLE.

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

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

NUISANCES, COMPLAINTS AND INSPECTIONS.

A statement of the number and character of the nuisances which have been abated by this department during the year, appears below :

Catch basin traps broken,	8
Collecting garbage without a license,	1
Complaints made without cause,	4
Dead animals,	15
Decayed fruit,	1
Defective sewers,	2
Dumping rubbish,	10
Expectorating on sidewalks,	2
Filthy premises,	19
Keeping hens,	12
Keeping hogs,	4
Milkmen notified to comply with city ordinance and state law,	10
Odor from cesspools,	2
Odor from dumps,	2
Odor from fish markets,	2
Odor from garbage cans,	4
Odor from manure heaps,	6
Odor from privy vaults,	20
Odor from stables,	7
Odor in blocks,	3
Odor in houses,	6
Odor in stores,	4
Other inspections,	10
Other nuisances,	15
Plumbers doing work in violation of law,	1
Sewers obstructed,	1
Sinks with imperfect drainage,	7
Sinks without traps,	3
Suspected contagious diseases,	2

Throwing out ashes and other rubbish,	8
Throwing out slops,	8
Throwing out swill,	7
Urinals in unsanitary condition,	2
Water-closets in unsanitary condition,	9
Water-closets out of repair,	1
Water-closets without local vents,	1
Water-closets without water supply,	1
Water in cellars,	2
	<hr/>
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INSPECTION OF PLUMBING.

Plumbing permits granted,	115
Water-closets put in,	187
Sinks put in,	66
Bath-tubs put in,	73
Wash-bowls put in,	95
Wash-trays put in,	13
Urinals put in,	31
Shower baths put in,	2
Number of sewers inspected,	38
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Total number of inspections of plumbing,	230

FUMIGATION.

Rooms fumigated,	443
Schoolrooms fumigated,	18
Wards at hospitals fumigated,	11
Cellars fumigated,	9
Closets fumigated,	16
Attics fumigated,	2
Chimneys fumigated,	1

HEALTH DEPARTMENT.

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Stalls fumigated,	1
Garages fumigated,	1
Books fumigated,	12

REPORT OF MILK EXAMINATIONS AND INSPECTION OF
MILK FARMS.

Number of milk examinations made,	206
Number of examinations above standard,	192
Number of examinations below standard,	14
Notices given that milk was below standard,	9
Number of milk farms inspected,	7
Conditions good,	2
Conditions fair,	3
Conditions poor,	2
Improvements suggested,	3
Improvements carried out,	1
Notices sent ordering compliance with state law,	1

SUMMARY.

Houses placarded in cases of contagious diseases,	82
Placards removed,	82
Visits made to contagious diseases,	405
Burial permits issued,	483
Burial permits issued for interment of bodies brought here,	99
Transit permits issued,	187
Garbage licenses issued,	51
Milk licenses issued,	179
Number of reports of contagious diseases sent to the State Board of Health,	52
Number of reports of contagious diseases sent to the surgeon-general, public health and marine- hospital service,	52

Number of mortuary reports issued,	912
Number of vaccination certificates issued for children to attend school,	924
Number of permits issued for children to return to school after recovery from contagious diseases,	126
Number of samples of water collected for analysis,	2
Number of inspections of barber shops,	7

CONCLUSION.

In concluding this report I wish to extend my thanks to His Honor the Mayor, the City Solicitor, the members of the City Council and the members of the Board of Health for the assistance received from them in discharging the duties of my office.

Respectfully submitted,

CHARLES E. PALMER,
Sanitary Officer.

DEATHS DURING 1910, BY SEX, CONDITION AND NATIVITY, BY MONTHS.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
SEX.													
Males.....	21	12	20	20	20	23	22	24	22	18	24	25	251
Females....	33	19	24	18	17	7	20	22	20	19	20	13	232
CONDITION.													
Married	21	6	12	13	13	11	14	21	12	17	14	17	171
Single ...	14	14	14	13	17	10	13	16	17	10	16	12	166
Widowed	16	11	16	12	6	9	13	9	10	8	11	8	129
Divorced... ..	.....	.....	2	.....	1	.....	2	.....	1	1	3	1	11
Not stated	3	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	6
NATIVITY.													
Concord.....	10	7	10	10	12	6	15	13	8	5	11	9	116
New Hampshire.	21	11	21	16	10	9	13	18	12	11	14	9	165
Other states	7	6	4	7	8	6	6	4	5	8	6	12	79
Foreign.....	15	6	7	4	6	9	6	10	14	10	11	8	106
Not stated	1	1	2	1	1	.....	2	1	3	3	2	.....	17

DEATHS BY AGE.

Under 1 year,	62
From 1 to 5 years,	7
From 5 to 10 years,	2
From 10 to 15 years,	3
From 15 to 20 years,	2
From 20 to 30 years,	28
From 30 to 40 years,	45
From 40 to 50 years,	52
From 50 to 60 years,	61
From 60 to 70 years,	73
From 70 to 80 years,	85
From 80 to 90 years,	54
From 90 to 100 years,	8
Not stated,	1
	<hr/>
Total number of deaths,	483

DEATHS REPORTED BY WARDS AND PUBLIC INSTITUTIONS.

MONTHS.	Wards.										New Hamp- shire State Hospital.	Margaret Hillsbury General Hospital.	New Hamp- shire Me- morial Hos- pital.	New Hamp- shire Odd fellows' Home.	N. H. Centen- nal Home for the Aged.	New Hamp- shire State Prison.	Totals.	
	1	2	3	4	5	6	7	8	9									
January....	1	1	2	6	2	9	7	2	4	12	6	2	2	2	2	1	2	54
February...	4	.....	.....	4	2	5	1	3	.....	7	2	2	2	1	1	.....	.....	31
March.....	2	3	1	6	.....	5	4	2	1	12	4	4	2	1	1	.....	.....	44
April.....	3	2	.....	2	7	5	4	4	1	9	2	2	1	.....	.....	.....	.....	38
May.....	.....	1	4	4	3	5	1	2	1	11	1	3	.....	1	.....	.....	.....	37
June.....	3	1	1	5	2	2	.....	.....	1	10	1	2	1	.....	.....	1	.....	30
July.....	2	.....	3	6	3	2	4	1	1	13	4	4	2	1	.....	.....	.....	42
August.....	5	2	.....	2	2	4	2	1	2	19	4	4	3	.....	.....	.....	.....	46
September..	3	.....	1	4	2	2	7	2	2	10	5	3	1	.....	.....	.....	.....	42
October....	4	.....	2	1	2	4	4	2	2	14	1	1	.....	.....	.....	.....	.....	37
November..	7	.....	1	4	2	1	1	1	2	15	7	2	1	.....	.....	.....	.....	44
December..	2	1	1	5	3	7	2	5	.....	9	3	.....	.....	.....	.....	.....	.....	38
Totals..	36	11	16	49	30	51	37	23	17	141	40	21	5	5	5	1	1	483

MORTALITY REPORT.

