WITH CITY OF CONCORD.

CR.

City bonds,	$11,000.00	
Dog tax,	244.25	
Precinct bonds,	3,000.00	
County of Merimack, for paupers,	2,595.15	
Notes,	3,000.00	
		$19,839.40
County tax,	$24,133.69	
Committee service,	1,140.00	
City paupers,	3,112.76	
Decoration day,	300.00	
Fire department,	12,921.22	
Lighting streets, Ward No. 1,	350.00	
Penacook Park,	236.44	
White Park,	1,000.00	
Beds at Concord hospital,	1,200.00	
Receiving tomb, Blossom Hill Cemetery,	46.09	
Incidentals,	5,001.08	
Interest,	6,270.00	
Police and watch,	6,474.73	
Printing and stationery,	1,174.23	
Precinct,	10,223.97	
Sewers,	2,236.54	
Electric lights,	1,597.50	
Public library,	2,200.00	
Special appropriation Blossom Hill Cemetery,	3,000.00	
Salaries,	6,112.58	
Highways,	19,198.77	
Sidewalks and crossings,	2,000.00	
School-house tax,	3,756.00	
Schools,	40,838.68	
State tax,	25,372.00	
Surveys for water-works,	122.37	
Board of health,	479.80	
		$180,498.45
Balance on hand,		52,159.05

$252.496.90

REPORT OF COMMITTEE ON FINANCE.

The books of the city treasurer have been examined and compared with those of the city clerk by the Committee on Finance, and all the accounts are found to be correctly kept, with proper vouchers on file for all payments. All the bills allowed by the Committee on Accounts and Claims have been paid, and no claims against the city which the city would be liable to pay are known to remain outstanding, with the exception of those mentioned under the heading of unfunded debts; and the balance in the hands of the treasurer is fifty-two thousand one hundred and fifty-nine dollars and five cents ($52,159.05).

JOHN E. ROBERTSON,
JOHN C. ORDWAY,
JOHN H. ROLFE,
CHAS. S. PARKER,
J. E. DWIGHT,

Committee on Finance.

CITY EXPENSES

FROM JANUARY 1 TO DECEMBER 31,

1887.

Being an itemized account, made up from the books of the City Clerk, of the payments made by the City Treasurer, on account of

RUNNING EXPENSES.

The arrangement of the details of expenditure which follows is intended to furnish such information as is desired by the public, and is in accordance with suggestions received from various sources. Items of payment to the same individual at sundry times are included in the aggregate amount given, if paid for the same objects. Every effort has been made to ascertain and pay all the bills for the current year; and in all cases, so far as known, payments of rent, etc., have been made to December 31, 1887, and salaries and committee service have been paid for the full municipal year. The expenses of the year, which are included in the general running expense, may be seen in the aggregate at the end of the detailed account here given. This is intended to include interest, but not the payment of maturing bonds.

STATE TAX.

Paid Solon A. Carter, state treasurer, . . $25,372.00

COUNTY TAX.

Paid George A. Stone, county treasurer, . . $24,133.69

INTEREST.

Paid coupons and interest account, . . . $6,270.00

CITY PAUPERS.

Appropriation for 1887, . . .	$2,000.00	
Received of town of Northfield, support of J. C. Abbott, . .	84.00	
" J. A. Cochran, received of P. Wentworth, . .	12.00	
" J. A. Cochran, wood sold,	3.00	
" for cash returned, . .	1.00	
	$2,100.00	
Deficiency brought from transfer account,	1,012.76	
		$3,112.76

Paid as follows:

Everett H. Runnells, wood, . . .	$326.87
Harriet Crummet, aid, ...	40.00
Mrs. C. H. Critchett, aid, . . .	24.00
John Bresnahan, aid, ...	120.00
Francis Chapman, board of Albert Webster,	52.00
J. E. Mitchell, " Glover child,	104.00
Alvah Atwood, " Atwood children,	98.00
Mrs. Timothy Tilton, " Currier child,	111.00
L. K. Cheney, " C. E. Flanders,	16.00
S. P. Chase, " Powell child,	10.50
E. A. Bacon, " "	21.00
Merrimack county, board at county farm, 1886,	80.39
N. H. Asylum, board, ...	644.02
J. A. Cochran, cash paid out, . .	25.12
E. P. Johnson, aid to Mrs. C. H. Proctor,	3.75
Godfrey Jacobs, aid, ...	8.00
Mrs. V. E. Kimball, aid, . . .	14.00
Darwin & Poor, groceries, . . .	6.50
John A. Coburn, undertaker, . .	43.00
Horace A. Brown, rent for Mrs. Call, .	14.00
Noah P. Webster, aid, ...	108.00
Foote, Brown & Co, groceries, . .	7.63
J. Frank Hoit, " . .	26.00
A. B. Young, " . .	5.35
A. & W. D. Booth, " . .	6.00

Foote & Morse, groceries, . .	$42.00	
Thomas Rainey, aid, ...	5.00	
Louis De Camp, care of A. E. Hoitt, .	110.00	
Jonas Foster, " " .	15.00	
E. M. Kelley, " " .	17.50	
John Matthews, " " .	17.50	
C. H. Martin & Co., medicines, . .	2.02	
Moses Humphrey, wood, . . .	2.00	
C. M. & A. W. Rolfe, wood, . .	5.00	
C. H. Sanders, boots and shoes, . .	5.45	
J. H. Harrington, wood, . . .	11.25	
O. J. Fifield, wood, ...	2.75	
John H. Rolfe, cash paid out, . .	7.00	
Dr. H. C. Cummings, medical services,	46.25	
Dr. A. E. Emery, " "	10.00	
Jedediah C. Abbott, aid, . . .	84.00	
	———	$2,297.85

For City Paupers in Other Towns.

State Industrial School, board of McMichael boy, ...	$187.00	
Town of Belmont, for Moses D. French,	38.50	
" Hooksett, for C. L. Quimby, .	160.07	
" Loudon, for Robert Brown, .	63.49	
" Warner, for Mrs. Nichols, 1886,	48.00	
City of Manchester, for Mrs. Emma J. Gray, ...	53.10	
Town of Sunapee, for Nathan S. Pillsbury, ...	42.50	
J. E. Dolber, Manchester, rent for Ellen Ahern, ...	15.00	
E. P. Johnson, Manchester, coal, . .	4.25	
Moore & Preston, Manchester, coal, .	4.00	
James H. Eastman, Bartlett, aid, . .	144.00	
James H. Eastman, Bartlett, board of G. H. Eastman, ...	28.50	
Dr. J. H. Pitman, Bartlett, medical services to G. H. Eastman, . .	26.50	
	———	$814.91
		$3,112.76

FIRE DEPARTMENT.

Appropriation for 1887,	$11,000.00	
" " new hose,	1,600.00	
Received of Henry Morrill, 1 pair horses,	350.00	
" J. H. Lamprey, manure sold,	55.00	
" D. B. Newhall, fire alarm,	18.08	
	$13,023.08	
Surplus carried to transfer account,	101.86	
		$12,921.22

Paid as follows:

Central Station.

Eben F. Richardson, steward,	$600.00
Willis K. Wingate, assistant steward,	300.00
Frank E. Winegar, " "	300.00
James Mercer, teamster,	332.26
Frank M. Heath, "	269.35
Oscar Thomas, "	600.00
Eben F. Richardson, vacation,	25.00
Oscar Thomas, "	25.00
E. H. Randall, supplies,	1.50
Morrill Brothers, repairing clock,	1.85
H. Thompson, brooms,	5.00
Robertson, Rowell & Co., coal,	150.00
E. H. Runnells, wood,	40.00
J. D. Johnson & Son, repairs,	66.24
James E. McShane, shoeing,	132.00
St. Paul's School, lumber,	14.20
C. M. Boynton, cotton,	7.42
C. H. Martin & Co., supplies,	14.10
J. C. Richardson, 1 pair horses,	550.00
Underhill & Kittredge, medicine and supplies,	28.12
John E. Robertson, freight on horses,	8.90
R. G. McGuire, veterinary surgeon,	45.50
E. F. Richardson, cash for sundries,	4.35
J. D. Johnson & Son, repairs and supplies,	32.64
J. Frank Hoit, spiced food,	7.05
Humphrey, Dodge & Smith, hardware,	4.40

George Goodhue, supplies,	$0.51
A. P. Fitch, liniment,	7.75
Eureka Fire Hose Co., repairs,	18.00
Willis D. Thompson, hardware,	138.50
Andrew S. Jackson, oil,	10.00
W. B. Cunningham, supplies,	3.45
Clapp & Co., casting,	1.05
Stevens & Duncklee, supplies,	57.93
T. F. Hannaford, brushes,	1.00
C. H. Martin & Co., medicines,	10.27
E. F. Richardson, cash paid out,	4.55
E. H. Randall, repairs,	3.21
Thomas Woodward, repairs,	4.00
W. H. Nye, sperm oil,	8.00
A. S. Jackson, lanterns,	31.00
Ranlet & Marsh, ice,	4.72
Abbot-Downing Co., new wheels and setting tire,	41.00
Ranlet & Marsh, coal,	44.00
C. H. Martin & Co., medicines,	15.55
Stevens & Duncklee, supplies,	43.35
Underhill & Kittredge, medicines,	16.80
Brown & Abbott, use of horses,	60.50
J. D. Johnson & Son, repairs,	15.77
Ordway & Ferrin, repairs,	4.94
Mrs. E. F. Richardson, washing,	64.70
G. B. Emmons, hay,	17.38
G. W. Merrill, "	36.99
E. D. Smart, "	14.70
G. W. Merrill, "	43.70
R. S. Emery, "	109.08
Geo. J. Jenness, "	14.56
Joseph B. Walker, "	117.71
Concord Gas-Light Co., gas,	300.00
Concord Water-Works, water,	47.50
W. S. Davis & Son, repairs and sleigh,	63.42
W. S. Davis & Son, repairs,	29.13
Frank E. Heath, table,	7.50
Kimball & Danforth, lumber,	36.54

W. S. Davis & Son, repairs,	$42.37	
F. W. Landon, extension bell,	3.75	
E. A. Miller & Son, lumber and labor,	13.26	
W. S. Davis & Son, repairs,	113.74	
Kimball & Danforth, lumber,	20.53	
John H. Sargent, painting,	40.00	
Benj. Billsborough, "	4.80	
Connell & Savory, "	3.81	
W. S. Davis & Son, repairs,	33.15	
		$5,289.30

Fire Alarm.

Eben F. Richardson, superintendent,	$200.00	
Eben F. Richardson, vacation,	8.33	
John H. True, poles,	24.50	
Edwin Rogers, supplies,	109.65	
		$342.48

New Hose.

Eureka Fire Hose Co., new hose,	$1,600.00

Good Will Hose.

George Abbott, painting,	$30.00	
William E. Adams, use of horse,	8.33	
C. W. Wilcox, use of horse,	41.67	
Myron Chesley, steward,	32.75	
Ranlet & Marsh, wood,	2.25	
William E. Adams, use of horse,	50.00	
Myron Chesley, sawing wood,	3.00	
Concord Gas Light Co., gas,	43.60	
Concord Water-Works, water,	9.50	
Pay-rolls,	486.00	
		$707.10

Alert Hose.

Seavey estate, rent of barn,	$60.00
John F. Scott, labor for 1886,	14.36
Ranlet & Marsh, coal,	15.00
Fred Earle, steward,	15.00
Charles C. Hill, use of horse,	25.00

Edwin L. Gove, steward,	$15.00	
Concord Water-Works, water,	13.50	
Concord Gas Light Co., gas,	24.30	
Benj. Billsborough, painting,	12.85	
Ranlet & Marsh, coal,	30.50	
Pay-rolls,	486.00	
		$711.51

Eagle Hose.

Pay-rolls,		$551.00

Board of Engineers.

Pay-rolls,		$541.00

Kearsarge Steamer.

Manchester Locomotive Works, link blocks,	$14.00	
Pay-rolls,	721.00	
		$735.00

Gov. Hill Steamer.

Manchester Locomotive Works, repairs,	$14.00	
Charles H. Sanders, Engineer,	25.00	
		$39.00

Hook and Ladder Co.

Pay-rolls,		$806.00

Firemen's Annual Parade.

Third Regiment Band,	$50.00	
A. J. Farrar, collation,	94.69	
		$144.69

Pioneer Steamer.

Enoch E. Rolfe, steward,	$30.00	
Henry Morrill, use of horses,	50.00	
W. W. Allen, supplies,	20.32	
C. W. Bean, coal,	45.28	
C. M. & A. W. Rolfe, lumber,	47.17	
Contoocook Manufacturing Co., cotton waste,	1.10	
Pay-rolls,	506.00	
		$699.87

Old Fort Hand Engine Co.		
Samuel Eastman, water for engine-house,	$5.00	
T. J. Sanford, uniforms,	149.00	
T. B. Dickerman, steward,	15.00	
J. E. Frye, supplies,	23.62	
Pay-rolls,	246.00	
		$438.62
Cataract Hand Engine Co.		
G. & H. Partridge, carting hose,	$1.50	
Simeon Partridge, cash paid out,	10.00	
J. H. Harrington, coal,	5.60	
" wood,	8.03	
" coal,	28.52	
J. W. Welch, express,	1.00	
James Farron, steward,	15.00	
Pay-rolls,	246.00	
		$315.65
		$12,921.22

HIGHWAY DEPARTMENT.

Appropriation for highway department, 1887,	$19,000.00	
Received from J. H. Rowell, Commissioner of Highways, for collections,	61.21	
Received from street sprinkling subscriptions,	915.50	
		$19,976.71
Appropriation for sidewalks, 1887,	$2,000.00	
Received from E. H. Woodman, Commissioner of Highways, for collections on account of concrete,	65.75	
Received from J. H. Rowell, Commissioner of Highways, on account of concrete collections,	857.94	
		$2,923.69
		$22,900.40
Surplus carried to transfer account,		1,701.63
		$21,198.77

Paid as follows:—

CENTRAL DISTRICT.

Comprising parts of Wards 2 and 3, all of Wards 4, 5, 6, and 7.

JAMES H. ROWELL, *Commissioner of Highways*, in charge.

General Repairs.

Labor pay-rolls,	$4,841.75
Horace Hammond, services,	234.00
Dickerman, Leavitt & Co., grain,	297.49
Batchelder & Co., grain,	146.54
W. S. Davis & Son, repairs, etc.,	33.28
George A. Dumore, blacksmithing,	45.80
Humphrey, Dodge & Smith, hardware and tools,	104.10
Moses H. Bradley, gravel,	81.10
Concord Water-Works, water for troughs,	133.00
H. W. Clapp & Co., castings,	94.79
R. J. McGuire, veterinary services,	7.50
J. D. Johnson & Son, repairs harnesses,	4.80
J. E. McShane, horse-shoeing,	8.25
Fred M. Eaton, teamster,	87.00
W. D. Thompson, hardware,	33.70
St. Paul's School, blacksmithing,	17.12
Batchelder & Co., oil for lanterns,	2.96
Horace Hammond, use of carts, 1886–'87,	40.00
George L. Theobald, hay,	30.76
Frank J. Batchelder, printing pay-rolls,	3.00
H. C. Robinson, teamster,	50.00
E. H. Runnells, drag-plank,	2.00
George Tyler, road machine repairs,	18.00
W. H. Hammond, hay,	9.05
Concord Gas Co., old pipe,	8.85
Frank E. Abbott, culvert-stone,	2.00
M. H. Bailey, hay,	12.00
Dickerman, Leavitt & Co., cement,	11.20
Samuel Holt, brick for catch-basins,	28.00
A. J. Smith, watering-trough,	3.00

Kimball & Danforth, lumber,	$4.91	
E. B. Hutchinson, lumber,	13.03	
Ordway & Ferrin, work on catch-basins,	46.91	
J. F. Mills, hay,	7.08	
Foss & Merrill, surveying,	18.25	
W. P. Ford & Co., castings,	11.55	
John H. Sanborn, carpenter work,	4.30	
Clapp & Co., castings,	9.00	
A. C. Sanborn, powder and fuse,	1.65	
Woodman & Robinson, office rent,	50.00	
J. H. Rowell, cash paid out,	3.27	
Labor pay-rolls, East Concord road,	188.00	
H. Hammond, services, "	16.00	
J. B. Walker, grade, "	37.70	
M. H. Bradley, gravel, "	6.60	
Labor pay-roll, Charles St.,	115.75	
Labor pay-roll, North Essex St.,	83.97	
Labor pay-roll, Pleasant St.,	171.60	
Labor pay-roll, Blanchard St.,	229.85	
		$7,410.46

Bridges and Culverts.

Labor pay-rolls,	$45.50	
H. W. Brickett, oil for lamps,	2.03	
N. P. Richardson, labor,	30.79	
Mary Adams, lighting Free bridge,	52.00	
St. Paul's School, lumber,	34.79	
W. D. Thompson, nails,	1.40	
G. W. Munsey, lumber,	106.04	
S. F. Patterson, repairs Free bridge,	124.32	
W. S. Davis & Son, bridge bolts,	55.83	
E. A. F. Hammond, lighting lower bridge,	54.34	
Horace Hammond, labor,	18.00	
A. C. Sanborn, oil for Free bridge,	4.62	
J. M. Stewart & Sons, bridge lamps,	2.20	
		$531.86

Fences and Signs.

Labor pay-roll,	$31.55	
St. Paul's School, lumber,	29.19	
Frederick Clough, fence posts,	4.56	

M. H. Johnson, granite posts,	$25.00	
Ford & Kimball, iron posts,	8.81	
B. F. Griffin, wooden posts,	6.00	
		$105.11

Macadamizing.

Labor pay-rolls,	$702.88	
Concord Water-Works, water for boiler,	3.00	
Morrill & Danforth, insurance,	30.00	
George D. Richardson, new smoke stack,	23.15	
M. H. Bradley, ground rent,	60.00	
George Goodhue, engine supplies,	2.76	
J. J. Wyman, lubricant,	4.55	
Horace Hammond, services,	88.00	
George T. Comins, wood,	3.00	
C. H. Martin & Co., oil, etc.,	4.74	
W. S. Davis & Son, blacksmith work,	1.20	
Ranlet & Marsh, coal,	29.00	
N. P. Stevens, work on engine,	7.00	
		$959.28

Sidewalks and Crossings.

Labor pay-roll,	$147.00	
Horace Hammond, services,	34.00	
M. H. Johnson, edgestone,	49.10	
M. H. Johnson, resetting edgestone,	26.62	
Merrill Dyer, resetting edgestone,	29.00	
Frank C. Blodgett, edgestone,	135.75	
B. E. Badger, surveying,	29.73	
Foss & Merrill, surveying,	12.50	
Rowell & Co., laying concrete,	1,672.23	
		$2,135.93

Cleaning and Sprinkling Streets.

Labor pay-roll,	$1,926.76	
Fred. M. Eaton, account cleaning,	75.00	
E. A. Cushing, carting,	5.10	
Abbot-Downing Co., refilling sweeper,	32.00	
Horace Hammond, labor,	12.00	
W. S. Davis & Son, repairs carts,	16.55	
Concord Water-Works, water for sprinklers,	400.00	

Fred. M. Eaton, teamster on account sprinkling,	$200.00	
Brown & Abbott, team for sprinkling,	226.00	
Scribner & Britton, repairs sprinkler,	1.75	
E. H. Houston, repairs sprinkler,	24.27	
W. S. Davis & Son, repairs sprinkler,	44.04	
Stevens & Duncklee, repairs sprinkler,	23.63	
Abbot-Downing Co., repairs sprinkler,	9.50	
Andrew S. Jackson, hose for sprinkler,	4.05	
Walworth Mfg. Co., stand-pipes and valves,	61.43	
C. H. Martin & Co., paint for sprinklers,	8.12	
Howard M. Cook, collecting subscriptions,	60.00	
		$3,130.20

Winter Expense.

Labor pay-rolls,	$1,954.07	
Horace Hammond, services,	138.00	
H. C. Robinson, teamster,	150.00	
Edwin Hearson, setting glass,	.40	
Fred. M. Eaton, teamster,	50.00	
Andrew S. Smith, labor,	16.40	
G. B. Little, labor,	22.12	
Batchelder & Co., salt,	1.75	
James Shackford, gravel for sidewalks,	17.40	
E. B. Hutchinson, lumber for snow-plows,	7.52	
W. S. Davis & Son, labor on snow-plows,	15.98	
		$2,373.64
Total in Central District,		$16,646.48

BOROUGH DISTRICT.

GEO. F. SANBORN in charge.

Geo. F. Sanborn, pay-rolls,	$256.10	
John Whittaker, lumber,	65.14	
Penacook precinct, lighting Borough bridge,	25.00	
Penacook precinct, lighting for balance of precinct year,	6.25	
		$352.49

EAST CONCORD RIVER DISTRICT.

JOSIAH S. LOCKE in charge.

Josiah S. Locke, pay-rolls, ...	$52.11

EAST CONCORD VILLAGE DISTRICT.

ANDREW S. FARNUM in charge.

Andrew S. Farnum, pay-rolls, . .	$293.08	
Batchelder & Robinson, plank, . .	29.69	
Humphrey, Dodge & Smith, Akron pipe,	35.75	
		$358.52

EAST SEWALL'S FALLS DISTRICT.

SIMEON FARNUM in charge.

Simeon Farnum, pay-rolls, ...	$77.87

HORSE HILL DISTRICT.

ROBERT W. HOIT in charge.

Robert B. Hoit, pay-rolls, . . .	$23.70	
Robert W. Hoit, pay-rolls, . . .	40.10	
Humphrey, Dodge & Smith, nails and bolts,	4.54	
		$71.34

HOT HOLE POND DISTRICT.

LYMAN A. HALL in charge.

Lyman A. Hall, labor pay-rolls, ...	$28.49

LITTLE POND ROAD DISTRICT.

LOWELL BROWN in charge.

Lowell Brown, labor pay-rolls, . . .	$32.75

LONG POND NORTH DISTRICT.

DAVID W. HOBBS in charge.

David W. Hobbs, labor pay-rolls, ...		$52.50

MAST YARD DISTRICT.

ANDREW P. BENNETT in charge.

A. P. Bennett, labor pay-rolls, . .	$51.13	
W. D. Perkins, watering-trough, . .	3.00	
		$54.13

MOUNTAIN DISTRICT.

HUGH TALLANT in charge.

Hugh Tallant, labor pay-rolls, ...		$81.41

NORTH CONCORD DISTRICT.

GEORGE F. HAYWARD in charge.

George F. Hayward, labor pay-rolls, .	$135.14	
E. P. Farnum, labor pay-rolls, . .	41.45	
		$176.59

NUMBER FOUR DISTRICT.

FRANK E. DIMOND in charge.

Frank E. Dimond, labor pay-rolls, ...		$200.10

NUMBER FIVE DISTRICT.

G. O. MOULTON in charge.

W. B. Thompson, labor pay-rolls, . .	$55.17	
G. O. Moulton, labor pay-rolls, . .	7.50	
		$62.67

PENACOOK DISTRICT.

HENRY MORRILL in charge.

Henry Morrill, labor pay-roll,	$1,346.11	
Foote, Brown & Co., nails, etc.,	10.53	
John Whittaker, lumber,	97.95	
C. M. & A. W. Rolfe, watering-trough,	3.00	
Penacook Precinct, lighting twin bridge,	25.00	
Penacook Precinct, for lighting balance of precinct year,	6.25	
		$1,488.84

PENACOOK INTERVALE DISTRICT.

J. T. GILMAN in charge.

J. T. Gilman, labor pay-rolls,	$32.11

POTTER STREET DISTRICT.

JAMES L. POTTER in charge.

H. H. Potter, labor pay-rolls,	$17.99	
James L. Potter, labor pay-rolls,	169.55	
John T. Tenney, watering-trough,	3.00	
		$190.54

SANBORN DISTRICT.

MOSES C. SANBORN in charge.

M. C. Sanborn, labor pay-rolls,	$16.00

SNAPTOWN DISTRICT.

JOHN W. BOURLET in charge.

John W. Bourlet, labor pay-rolls,	$10.37

VIRGIN DISTRICT.

FRANK P. BATCHELDER in charge.

Frank P. Batchelder, labor pay-rolls,	$100.25	
Fales P. Virgin, watering-trough,	3.00	
		$103.25

WEST CONCORD VILLAGE DISTRICT.

H. H. FARNUM in charge.

H. H. Farnum, labor pay-rolls, general repairs,	$438.03	
H. H. Farnum, labor on Hutchins street,	160.12	
H. H. Farnum, on J. B. Giles's work,	41.75	
George H. Spead, Hutchins street wall,	470.31	
		$1,110.21
		$21,198.77

INCIDENTALS AND LAND DAMAGES.

Appropriation for 1887,	$5,000.00	
Received of R. P. Sanhorn, rent,	11.80	
Merrimack county,	31.58	
Emma Osgood, rent of barn,	3.00	
G. & H. Partridge, rent of pasture,	35.00	
G. W. Waters, rent of land,	25.00	
J. W. Robinson, rent of Hall,	26.00	
E. H. Runnells, grass,	20.00	
White & Huntley, rent,	3.00	
Kimball & Danforth, rent,	6.00	
Concord Horse Railroad, for damages paid,	41.75	
	$5,203.13	
Surplus carried to transfer account,	202.05	
		$5,001.08

Paid as follows:

J. A. Cochran, return of births, deaths, &c.,	$107.25
W. H. Fagan, damage to sleigh,	16.75
S. C. Eastman, " " "	25.00
W. A. Chamberlin, damage to carriage,	12.00

Geo. H. Perkins, damage to horse,	$15.00
Hannah E. Bell, personal injuries,	310.00
Charles Stark, land damage, Stark street, Penacook,	50.00
Concord Railroad, land damage, Depot street,	1,448.78
A. J. Shurtleff, stenographic report,	5.00
L. W. Bean & Co., repairing chimney at court-house,	38.17
E. H. Runnells, wood,	15.00
Curtis White, surveying wood,	2.96
R. P. Sanborn, city messenger,	38.40
Geo. L. Theobald, moving safe,	15.00
Roger E. Foster, tax refunded,	1.68
Humphrey, Dodge & Smith, hardware,	2.10
Benj. Billsborough, setting glass,	1.25
Geo. Goodhue, repairing gas fixtures,	7.20
Daniel Parker, cleaning carpets,	4.70
Scribner & Britton, lawn-mower,	10.00
Humphrey, Dodge & Smith, settees for city-hall park,	22.70
Albin & Martin, costs, Eastman *v.* Concord,	87.58
E. H. Randall, repairs,	1.75
Stevens & Duncklee, water tank,	5.75
Scribner & Britton, stove and funnel, city clerk's office,	17.43
Arthur Cavenaugh, labor on park,	9.00
John Whittaker, lumber,	19.90
L. A. Smith, cash paid out,	3.90
W. L. Batchelder, rebate, over tax,	4.75
John C. Linehan,	7.95
Concord Water-Works, rent of office,	50.00
Frank H. George, repairs at city hall,	21.40
T. J. Carpenter, setting glass,	11.54
Humphrey, Dodge & Smith, supplies, city hall,	12.06
Town of Loudon, rebate of tax,	13.58
John Whittaker, lumber,	2.26
Scribner & Britton, repairing lawn-mower,	1.85

Brown & Abbott, team to Mast Yard, .	$6.00	
Robertson, Rowell & Co., rent of mayor's office and telephone, . . .	75.00	
H. H. Hussey, burying horse, . .	3.00	
Geo. Goodhue, repairing gas, city hall,	7.19	
Kimball & Danforth, lumber, . .	6.66	
B. H. Couch, labor, ...	6.00	
C. E. Clifford, clerical work on police investigation, ...	100.00	
S. Dana, labor on police investigation, .	25.00	
R. H. Ayers, care of city clocks, . .	85.00	
Physicians, for return of births and deaths,	145.75	
Concord Gas Co., gas, ...	276.60	
T. M. Lang, office expenses and cash paid out, ...	48.32	
Jackman & Lang, rent of collector's office,	100.00	
Concord Water-Works, water, . .	44.00	
N. E. Telephone Co., use of telephones,	168.93	
Foss & Merrill, surveys and plans, .	118.75	
J. W. Robinson, cash paid for supplies and repairs, ...	33.14	
J. W. Robinson, city messenger, . .	498.75	
P. W. Webster, band stand, . .	44.82	
Geo. Abbott, painting same, . .	8.59	
Clapp & Co., fountain, Pleasant street,	150.00	
L. R. Fellows, setting same, . .	37.86	
Clapp & Co., fountain at E. Concord, .	150.00	
Ordway & Ferrin, setting same, . .	32.46	
J. E. Robertson, cash paid out, stamps, &c.,	38.94	
J. A. Cochran, cash paid out, . .	44.55	
Ranlet & Marsh, coal, and ice for fountains,	121.50	
Robertson, Rowell & Co., coal, and ice for fountains, ...	54.13	
J. H. Ballard, insurance, . . .	3.00	
Jackman & Lang, " . . .	24.00	
Staniels, Allison & Co., insurance, .	29.00	
Morrill & Danforth, " .	94.50	
		$5,001.08

POLICE AND WATCH.

Appropriation for 1887, . . .	$6,000.00	
Received of B. E. Badger, police justice,	1,195.00	
" Rob't A. Ray, "	21.00	
" John Ahern, fees in liquor cases,	35.76	
	$7,251.76	
Surplus carried to transfer account, .	777.03	
		$6,474.73
Paid as follows:		
John Connell, salary, . . .	$900.00	
James E. Rand, "	800.00	
Charles H. Jones, "	800.00	
E. A. F. Hammond, salary, . .	800.00	
John Ahern, " . . .	466.66	
Geo. W. Corey, salary, ass't marshal, .	743.37	
Charles H. Green, " " " .	25.29	
Geo. M. Fletcher, " clerk police court,	166.67	
R. P. Staniels, " " " "	33.33	
Benj. E. Badger, " justice " "	600.00	
" " special " " "	8.00	
Robert A. Ray, " " " " "	10.00	
Frank K. Jones, rent, ...	200.00	
John Chadwick, "	50.64	
Eli Hanson, special police service, .	19.20	
R. P. Sanborn, " . .	12.00	
Robert Crowther, " . .	7.00	
Wm. R. Green, " . .	.60	
Gilman H. Dimond, " . .	1.60	
Pay roll, " . .	169.00	
Ranlet & Marsh, coal and ice, . .	93.62	
Concord Gas Light Co., gas, . .	65.40	
Concord Water-Works, water, . .	6.00	
John Connell, cash paid out, . .	31.59	
Geo. W. Corey, " " . .	20.95	
Batchelder & Co., supplies, . . .	11.84	
District No. 20, lighting lobby lamp, .	37.50	
Charles N. Bean, coal, . . .	7.75	
Judson Becker, police supplies, . .	243.05	

A. W. Silsby, services in police department,	$18.00	
George A. Foster, livery, . . .	65.75	
John H. Sanborn, labor in marshal's office,	8.50	
W. Arthur Bean, repairs on stove, .	4.48	
Stevens & Duncklee, stove and repairs,	46.94	
		$6,474.73

COMMITTEE SERVICE.

Appropriation for 1887, ...		$1,140.00
Paid as follows:		
John H. Rolfe, alderman, . .	$60.00	
John E. Frye, " . .	75.00	
George H. Spead, " . .	60.00	
Richard M. Ordway, " . .	60.00	
John C. Ordway, " . .	60.00	
William E. Hood, " . .	75.00	
Albert B. Woodworth, " . .	60.00	
Irvin S. Ring, " . .	60.00	
Leland A. Smith, " . .	60.00	
George O. Dickerman, " . .	60.00	
David J. Abbot, " . .	60.00	
Henry D. Celley, " . .	60.00	
John McNeil, councilman, . .	30.00	
Samuel M. Locke, " . .	30.00	
James W. Welch, " . .	30.00	
James K. Kennedy, " . .	30.00	
Charles S. Parker, " . .	45.00	
John Reardon, " . .	30.00	
Warren H. Corning, " . .	45.00	
William J. Fernald, " . .	30.00	
Frank J. Batchelder, " . .	30.00	
Charles C. Perkins, " . .	30.00	
Josiah E. Dwight, " . .	30.00	
Francis H. Upton, " . .	30.00	
		$1,140.00

SALARIES.

Appropriation for 1887, . . .	$7,000.00	
Surplus carried to transfer account, .	887.42	
		$6,112.58

Paid as follows:

J. E. Robertson, salary as mayor, .	$500.00	
E. H. Woodman, com'r of highways, .	10.00	
James H. Rowell, " " .	1,040.00	
Joseph A. Cochran, city clerk, . .	800.00	
William F. Thayer, treasurer, . .	250.00	
Harry G. Sargent, solicitor, . .	275.00	
Thomas M. Lang, collector, . .	958.58	
L. L. Mower, clerk of council, . .	50.00	
Joseph A. Cochran, overseer of poor, Central,	150.00	
John H. Rolfe, " Ward 1,	25.00	
John E. Frye, " " 2,	10.00	
John G. Tallant, member town school board,	100.00	
William P. Ballard, " "	100.00	
Isaac N. Abbott, " "	100.00	
Board of Education, Union district, .	225.00	
District No. 20, .	27.00	
" 12, .	18.00	
" 3, .	18.00	
Abial Rolfe, assessor Ward 1, .	251.00	
William L. Batchelder, " 2, .	120.00	
Timothy Carter, " 3, .	120.00	
Gilbert H. Seavey, " 4, .	252.00	
Curtis White, " 5, .	153.00	
George S. Dennett, " 6, .	180.00	
J. B. Weeks, " 7, .	183.00	
Selectmen's pay-roll, 7 wards, . .	105.00	
Ward clerk's " " . .	70.00	
Moderator's " " . .	21.00	
Howard M. Cook, return ward records,	1.00	
		$6,112.58

PRINTING AND STATIONERY.

Appropriation for 1887, . . .	$1,000.00	
Deficiency brought from transfer account,	174.23	
		$1,174.23
Paid as follows:		
Republican Press Association, . .	$753.26	
Democratic Press Association, . .	74.25	
Frank J. Batchelder, ...	204.67	
G. H. H. Silsby & Son, . . .	105.80	
Crawford & Stockbridge, . . .	25.00	
Ira C. Evans, ...	9.00	
John P. Kelley, ...	2.25	
		$1,174.23

PROFESSIONAL SERVICES.

Appropriation for 1887, . . .	$500.00
Amount carried to transfer account, .	500.00

SCHOOLS.

Unexpended balance of 1886, . .	$15,582.09	
Appropriation for 1887, . . .	22,225.00	
Walker fund interest, ...	60.00	
Additional in Union District, . .	8,286.50	
" " (text-books),	1,500.00	
" " manual training,	1,200.00	
" district No, 3, . . .	486.00	
" " 20, . . .	544.32	
Literary fund, ...	1,883.30	
Balance due district No. 16, not reported in 1886, ...	1,652.79	
		$53,420.00
Balance due school-districts, ...		12,581.32
		$40,838.68

Paid as follows :

L. J. Rundlett, ...	$33,000.00	
Town school-district committee, . .	1,776.02	
Elbridge Emery, district No. 12, . .	581.67	
Richard S. Emery, " 3, . .	875.00	
George R. Parmenter, " 3, . .	571.55	
George W. Abbott, " 20, . .	881.65	
N. S. Gale, " 20, . .	1,500.00	
Town school board, by order of court, account of district No. 16, . .	1,652.79	
		$40,838.68

SCHOOL-HOUSE TAXES.

Balance due town of Bow, 1886, . .	$135.92	
Appropriation for heating Union District,	2,000.00	
" insurance, Dist. No. 12,	20.00	
" new school-house, town district, ...	1,000.00	
Appropriation for repairs, town district,	500.00	
" steam-heating, district No. 20, ...	336.00	
		$3,991.92
Balance due town of Bow, . . .	$135.92	
" " school-district, . .	100.00	
		$235.92
		$3,756.00

Paid as follows :

L. J. Rundlett, Union District, . .	$2,000.00	
N. S. Gale, district No. 20, . . .	336.00	
Elbridge Emery, district No. 12, . .	20.00	
Town school-district, ...	1,400.00	
		$3,756.00

PUBLIC LIBRARY.

Appropriation for 1887,		$2,200.00
Paid as follows:		
Board of Trade Building, rent,	$400.00	
D. F. Secomb, salary,	650.00	
" incidentals,	19.60	
Insurance,	80.00	
G. H. H. Silsby & Son,	348.78	
Concord Gas Light Co.,	123.20	
Postage,	1.00	
Charles R. Corning,	125.60	
Ira C. Evans,	128.55	
D. L. Guernsey,	77.41	
Ticknor & Co.,	11.25	
Estes & Lauriat,	90.00	
Houghton, Mifflin & Co.,	11.00	
John N. McClintock,	10.00	
George E. Jenks, Agent,	18.00	
W. L. Chaffin,	5.25	
Interstate Pub. Co.,	3.29	
Emile Pingault,	3.75	
Public Opinion (subscription),	3.00	
A. H. Knowlton,	2.75	
City Directory,	1.50	
D. Appleton & Co.,	5.00	
Charles Scribner's Sons,	5.00	
Frank P. Mace,	16.17	
W. R. Cochrane,	3.25	
Edson C. Eastman,	20.51	
Hunt & Wilson,	5.26	
E. W. Abbott,	2.00	
Robertson, Rowell & Co.,	28.88	
		$2,200.00

PENACOOK PARK.

Appropriation for 1887,	$250.00	
Surplus carried to transfer account,	13.56	
		$236.44

Paid as follows:

O. F. Richardson, pay-rolls,	$138.25	
A. H. Urann, painting,	22.69	
Edward Stevens, lumber,	4.46	
J. W. Welch, express,	.25	
Concord Manufacturing Co., ashes,	.75	
Eastman & Co., supplies,	6.06	
Humphrey, Dodge & Smith, supplies,	13.98	
O. F. Richardson, superintendent's salary,	50.00	
		$236.44

DECORATION DAY.

Appropriation for 1887,		$300.00
Paid as follows:		
E. E. Sturtevant Post, G. A. R.,	$195.00	
W. I. Brown Post, G. A. R.,	75.00	
Davis Post, G. A. R.,	30.00	
		$300.00

BEDS AT CONCORD HOSPITAL.

Appropriation for 1887,		$1,200.00
Paid as follows:		
W. F. Thayer, treasurer Concord Hospital,		1,200.00

RECEIVING TOMB.

Balance of appropriation of 1886,	$46.41	
Surplus carried to transfer account,	.32	
		$46.09
Paid as as follows:		
P. W. Webster,	$16.87	
Frederick Booth,	9.25	
Dow & Wheeler,	12.00	
Donegan & Davis,	7.97	
		$46.09

RESERVOIR AT EAST CONCORD.

Appropriation for 1887,	$200.00
Amount carried to transfer account,	200.00

BLOSSOM HILL CEMETERY IMPROVEMENT.

Appropriation for 1887,	$3,000.00
Paid as follows:	
W. F. Thayer, treasurer, special committee,	3,000.00

WHITE PARK IMPROVEMENT.

Appropriation for 1887,	$1,000.00
Paid as follows:	
W. P. Fiske, treasurer Board of Park Commissioners,	1,000.00

BOARD OF HEALTH.

Appropriation for 1887,	$500.00	
Surplus carried to transfer account,	20.20	
		$479.80
Paid as follows:		
Darius Merrill, sanitary officer,	$97.00	
Howard M. Cook, sanitary officer,	320.50	
" cash paid out,	13.23	
Republican Press Association, printing,	49.07	
		$479.80

SURVEY FOR WATER AT PENACOOK AND MILLVILLE.

Appropriation for 1887, . . .	$300.00	
Surplus carried to transfer account, .	177.63	
		$122.37
Paid as follows:		
Foss & Merrill, engineers, ...		$122.37

PRECINCT.

By balance of appropriation for 1886, .	$2,070.36	
Appropriation for int. on state-house loan,	2,250.00	
" lighting streets, .	3,500.00	
" water for hydrants, .	4,520.00	
" sewers, . . .	2,230.00	
" electric lighting, .	1,500.00	
Received for lamp-post sold, . .	12.00	
Received of Sarah F. Sanborn, for sewer,	27.00	
Received of J. E. Robertson, for sewer,	28.00	
Received of James H. Rowell, for cash overdrawn, ...	5.10	
		$16,142.46
Balance of precinct fund unexpended, . . .		2,084.45
		$14,058.01

Lighting Streets.

Paid Concord Gas Light Co., gas, .	$2,927.34	
Concord Electric Light Co., . .	1,597.50	
W. D. Thompson, glass, . .	21.35	
Concord Gas Light Co., repairing lamps, ...	19.50	
Nathaniel Tuffts, lanterns, burners, etc., ...	28.00	
Nathaniel Tuffts, street lanterns, .	91.00	
Concord Railroad, freight, . .	.59	
Benj. Billsborough, labor on lanterns, ...	1.20	
		$4,686.47

Hydrants.

Paid Concord Water-Works, ...	$4,940.00

Interest.

Paid interest on state-house loan, ...	$2,195.00

Sewers.

Paid pay-rolls on file for labor, . .	$740.07	
W. D. Thompson, pipe, &c., . .	637.38	
Humphrey, Dodge & Smith, pipe, &c., ...	399.32	
Woodworth & Co., cement, . .	16.80	
Dickerman, Leavitt & Co., cement,	22.40	
Clapp & Co., castings, . . .	50.00	
E. A. Cushing, teaming, . .	18.00	
Ordway & Ferrin, labor, . .	188.00	
John C. Thorn, rubber boots, .	5.50	
S. Holt, lumber, ...	31.50	
G. A. Dumore, blacksmithing, .	1.35	
B. B. Davis, damage to garden, .	10.00	
David Robinson, damage to garden,	20.00	
Foss & Merrill, surveys, . .	40.80	
Walworth Manufacturing Co., valve,	14.33	
L. R. Fellows & Son, labor, . .	35.99	
James H. Rowell, cash overdrawn on pay-rolls, ...	5.10	
		$2,236.54
		$14,058.01

LIGHTING STREETS—PENACOOK.

Appropriation for 1887, ...	$350.00
Paid D. Warren Fox, ...	350.00

RECAPITULATION.

Paid		
State tax,	$25,372.00	
County tax,	24,133.69	
Interest,	6,270.00	
Paupers,	3,112.76	
Fire department,	12,921.22	
Highways, sidewalks, and crossings,	21,198.77	
Incidentals and land damage,	5,001.08	
Police and watch,	6,474.73	
Committee service,	1,140.00	
Salaries,	6,112.58	
Printing and stationery,	1,174.23	
Schools,	40,838.68	
School-house taxes,	3,756.00	
Public library,	2,200.00	
Penacook park,	236.44	
Decoration day,	300.00	
Beds at Concord hospital,	1,200.00	
Receiving tomb,	46.09	
Blossom Hill Cemetery improvement,	3,000.00	
White Park improvement,	1,000.00	
Board of health,	479.80	
Survey for water at Penacook and Millville,	122.37	
Precinct, including sewers and lights,	14,058.01	
Lighting streets, Ward 1,	350.00	
		$180,498.45

ACCOUNTS KEPT BY THE CITY CLERK FOR CONVENIENCE OF REFERENCE, BUT NOT INVOLVING EXPENSE TO THE CITY.

TRANSFER ACCOUNT.

Made up from unexpended balances of appropriations, and drawn upon, as allowed by city ordinance, to meet deficiencies by transfer to other appropriations.

Dr.

For balance brought from transfer account of 1886,		$369.48
To amount brought from fire department,		101.86
" " highways,		1,701.63
" " incidentals and land damage,		202.05
" " police and watch,		777.03
" " salaries,		887.42
" " professional services,		500.00
" " Penacook park,		13.56
" " receiving tomb,		.32
" " reservoir, East Concord,		200.00
" " board of health,		20.20
" " survey for water at Penacook and Millville,		177.63
		$4,951.18

Cr.

By amount carried to city pauper account,	$1,012.76	
" " printing and stationery,	174.23	
Balance carried to transfer account, 1888,	3,764.19	
		$4,951.18

STONE QUARRIES.

Received of B. T. Putney, stone cut for April and May, ...	$11.99	
Received of B. T. Putney, rent 6 months, to Dec. 1, 1886, ...	50.00	
Received of Crowley & Quinn, rent 6 months, to Dec. 1, 1886, ...	50.00	
		$111.99

DOG TAX.

Balance from 1886, ...	$338.00	
Amount of dog tax for 1887, . . .	433.00	
		$771.00

Paid as follows:

Edward Runalls, sheep killed, . . .	$3.25	
Josiah S. Locke, " . . .	16.00	
E. S. Carpenter, " . . .	84.00	
James Dodge, " . . .	104.00	
Lucius W. Robinson, fowls killed, . .	22.00	
Wm. J. McMullen, damage to cow, . .	15.00	
Balance unexpended, ...	526.75	
		$771.00

DEPARTMENT REPORTS.

City of Concord, N. H.

WATER DEPARTMENT.

1887.

BOARD OF WATER COMMISSIONERS.

JOHN E. ROBERTSON, MAYOR, *ex-officio.*

SAMUEL S. KIMBALL	to March 31, 1888.
GEORGE A. YOUNG	to March 31, 1888.
JOHN KIMBALL	to March 31, 1889.
WILLIAM M. CHASE	to March 31, 1889.
JAMES L. MASON	to March 31, 1890.
JOSEPH H. ABBOT	to March 31, 1890.

OFFICERS.

JOHN KIMBALL, PRESIDENT.

WILLIAM M. CHASE, CLERK.

V. C. HASTINGS, SUPERINTENDENT.

SUMMARY OF STATISTICS.

Concord, New Hampshire, Water-Works.

Population of city by census of 1880, . . . 13,845

Population of that portion of the city included within the water precinct, estimated, ... 13,000

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.

FINANCIAL.

MAINTENANCE.

Receipts.		Expenditures.	
From consumers (mostly for domestic uses and at fixed rates), . .	$28,894.60	For management and repairs, ...	$2,886.80
From city water precinct, for use of hydrants, ...	4,940.00	For new distribution pipes, ...	831.00
From rents, &c., . . .	236.29	For new service pipes,	1,397.50
From cash on hand at the close of 1886, .	926.42	Abatements, ...	23.37
		Construction, ...	7,058.64
			$12,197.31
		Amount required to pay interest on bonded indebtedness, . . .	22,800.00
	$34,997.31		$34,997.31

CONSTRUCTION.

Cost of Land Damages, Flowage, and Water-Rights.

Paid B. F. & D. Holden, for water-rights, .	$60,000.00	
W. P. Cooledge, for mill-privilege and land,	5,500.00	
W. P. Cooledge, for Hutchins house and lot,	2,250.00	
Humphrey & Farnum, for kit-shop privilege,	5,000.00	
Mary C. Rowell, for land, . . .	1,500.00	
Concord Manufacturing Co., for water-rights,	3,000.00	
Flowage-rights about Penacook lake, .	4,094.61	
		$81,344.61
Cost of property and rights of Torrent Aqueduct Asso.,		$20,000.00
dam, gate-house, and appurtenances, . .		20,886.52
conduit and upper gate-house, ...		22,653.11
mains (one from the dam to Rumford st., one from the dam to Penacook st., and the other from near dam to Stark st.), ...		107,029.34
distribution pipes, ...		187,785.26
service pipes, ...		27,411.94
engineering and superintendence, . . .		7,582.42
incidentals, ...		6,531.19
		$481,224.39

REPORT OF THE SUPERINTENDENT.

To the Board of Water Commissioners:

I herewith present to you the annual statement of my accounts as Superintendent for the year ending December 31, 1887:

RECEIPTS.

For water from consumers,	$28,820.44	
From the city precinct for hydrants,	4,940.00	
From delinquents,	49.48	
For use of metres,	36.29	
rent of Cooledge house,	100.00	
rent of Cooledge lot,	10.00	
rent of stable at dam,	40.00	
rent of office,	50.00	
pipe and stock sold,	24.68	
		$34,070.89
Deduct abatement,		23.37
		$34,047.52

EXPENDITURES.

Paid V. C. Hastings, superintendent,	$1,200.00
Wm. D. Ladd, clerk,	120.00
E. M. Byrnes, labor,	600.00
Nathaniel White, Jr. rent of office,	300.00
Ira C. Evans, printing,	23.00
N. H. Democratic Press Co., printing,	22.50
Geo. H. H. Silsby & Son, printing,	15.77
F. G. Edgerly, printing,	5.25
Crawford & Stockbridge, books,	6.00
Concord Gas Light Co., gas,	17.40

Ranlet & Marsh, coal, . . .	$21.75
Robertson & Rowell, coal, . .	22.25
Telephone Exchange, . . .	108.00
George L. Theobald, teaming, .	43.30
G. & H. Partridge, " . .	19.35
E. H. Runnells, " . .	2.00
Henry Morrill, " . .	8.00
E. L. Gove, trucking, . . .	46.60
W. B. Cunningham, trucking, .	6.20
E. B. Hanchay, smith-work, . .	14.90
N. P. Stevens, smith-work, . .	3.60
S. G. Sanborn, smith-work, . .	1.30
J. M. Crossman, smith-work, .	1.80
Humphrey, Dodge & Smith, hardware, ...	28.18
W. D. Thompson, drain-pipe and hardware, ...	45.78
N. S. Gale & Co., drain-pipe, .	.99
Woodworth & Co., cement, . .	30.40
Ford & Kimball, castings, . .	7.94
Davis & Farnum, Manufacturing Co., castings, ...	6.83
C. H. Martin & Co., oil and lead, .	8.38
Batchelder & Co., oil, . . .	4.07
M. B. Edson, charts, . . .	5.00
F. W. Landon, batteries and labor,	19.40
E. B. Hutchinson, labor and lumber,	69.07
Geo. W. Chesley, chestnut plank, .	14.04
J. D. Knight, labor, . . .	22.09
Andrew Bunker, blinds, . .	22.50
E. A. Moulton, painting blinds, .	13.20
Pay-roll, labor, ...	731.45
Goodhue & Birnie, labor, . .	48.00
O. F. Richardson, " . .	8.25
C. E. Burnside, " . .	3.22
Geo. Goodhue, labor and fittings, .	34.96
John C. Thorne, rubber boots, .	5.50
J. E. Symonds, table for office, .	6.20
John C. Linehan, lanterns, . .	5.08

Stevens & Duncklee, sundries,	$8.00	
F. H. George, tin work,	4.50	
C. H. Herbert,	8.00	
Concord Railroad, freight bill,	19.59	
Walworth Manufacturing Co., pipe and brass goods,	326.24	
Gilchrist & Gorham, pipe,	83.36	
Chapman Valve Manufacturing Co., valves,	5.31	
National Metre Co., metres,	251.75	
Union Metre Co., tools,	18.00	
Boston Lead Co., lead pipe,	90.92	
V. C. Hastings, cash paid out,	57.80	
B. T. Putney, stone posts,	2.50	
Ola Anderson, stone bounds,	42.00	
Bingham & Taylor, gate curbs,	87.22	
Foss & Merrill, engineering,	85.34	
R. D. Wood & Co., hydrants and valves,	600.80	
Walworth Manufact'g Co., valves,	1,037.91	
Goodhue & Birnie, contracts,	58,491.19	
Incidentals,	77.67	
		$65,047.60

The expenses are divided as follows:

For care and maintenance,	$2,886.80	
new service pipes,	1,397.50	
extensions,	831.00	
St. Paul's School extension,	8,638.81	
Pleasant street extension,	1,052.28	
School street extension,	1,387.87	
Rumford street extension,	5,981.20	
Blossom Hill Cemetery extension,	1,285.35	
West Concord extension,	3,088.56	
Penacook extension,	38,498.23	
		$65,047.60

EXTENSIONS AND IMPROVEMENTS.

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

In Maple street,
east from Union street, 270 feet 4-in. pipe.
In Marshall street,
from South Spring to Fuller, 330 feet 4-in. pipe, 1 hydrant.
In School street,
from Tahanto to Giles, 1,642 feet 6-in. pipe, 2 hydrants.
In Pleasant street,
from Liberty to Fruit, 1,322 feet 6-in. pipe.
In Pleasant street,
from Minot street to point opposite Dr. Coit's house, 7,563 feet 8-in. pipe, 8 hydrants.
In Pleasant street,
from near Dr. Coit's house to Turkey river, 341 feet 6-in. pipe.
In Rumford street,
from Franklin to School, 2,671 feet 12-in. pipe, 3 hydrants.
In Rumford street,
from School to Pleasant, 1,203 feet 10-in. pipe.
In Blossom Hill cemetery,
1,781 feet 6-in. pipe.
In Main street, West Concord,
from High to Hutchins, 1,764 feet 12-in. pipe, 4 hydrants.
Main line to Penacook,
from near dam through Hutchins to Main street, 1,351 feet 12-in. pipe, 2 hydrants.
Main line to Penacook,
from Hutchins to Stark, 13,110 feet 14-in. pipe, 5 hydrants.
In Main street, Penacook,
from Stark to East Canal, 2,573 feet 12-in. pipe, 5 hydrants.
In East Canal street,
east from Main street, 436 feet 8-in. pipe, 1 hydrant.
In West Canal street,
from Main to Warren, 422 feet 8-in. pipe, 1 hydrant.
In Charles street,
from Main to Warren, 471 feet 6-in. pipe, 1 hydrant.

In Washington street,
west from Main street, 1,193 feet 8-in. pipe, 2 hydrants.
In Washington square,
east from Main street, 57 feet 12-in. pipe.
In Merrimack street,
from Washington square to Cross, 1,288 feet 8-in. pipe, 3 hydrants.
In Summer street,
from Washington square to Cross, 1,203 feet 8-in. pipe, 1 hydrant.
In Spring street,
from Centre to Cross, 652 feet 8-in. pipe, 1 hydrant.
In Stark street,
from Main to High, 529 feet 10-in. pipe.
In High street,
from Stark to Summer, 2,100 feet 6-in. pipe, 3 hydrants.
In Centre street,
from Spring to Summer, 479 feet 8-in. pipe, 1 hydrant.
In Centre street,
from Summer to Merrimack, 245 feet 6-in. pipe.
In Church street,
from Spring to Summer, 482 feet 6-in. pipe.
In Cross street,
from Spring to Merrimack, 734 feet 8-in. pipe, 1 hydrant.
On hydrant branches, 581 feet 6-in. pipe.
On blow-off branches, 55 feet 4-in. pipe.

SUMMARY OF THE FOREGOING.

Pipes.	*Hydrants.*		*Stop Gates.*	
¾-in., 285 feet.	Marshall street,	1	4-in.,	22
1-in., 805 feet.	St. Paul's School,	8	6-in.,	71
4-in., 655 feet.	Rumford street,	3	8-in.,	17
6-in., 8,965 feet.	School street,	2	10-in.,	4
8-in., 13,970 feet.	At C. R. Farnum's,	1	12-in.,	13
10-in., 1,732 feet.	West Concord,	8	14-in.,	3
12-in., 8,416 feet.	At Warner road,	1		
14-in., 13,110 feet.	Penacook,	22		
47,938 feet.		46		130
—equal to 9.08 miles.				

SERVICE PIPE.

There have been laid during the year, and connected with the main pipe, 126 service pipes, consisting of,—

2,727 feet $\frac{3}{4}$-inch pipe.

330 feet 2-inch pipe.

40 feet 4-inch pipe.

Whole number feet, 47,289, equal to $8\frac{95}{100}$ miles.

LEAKS.

There have been repaired during the year ten leaks, all on the distribution pipes.

The following table shows the height of water at the lake on the first day of each month:

	Feet.		Feet.
January,	176	July,	180.70
February,	176.55	August,	180.50
March,	176.80	September,	181
April,	177	October,	180
May,	180.80	November,	179.30
June,	180.70	December,	179.10

The lowest point reached was January 16, being 175.90, and the highest was September 1, being 181: mean height, 179.04, being .94 foot higher than during the year 1886.

For the past fifteen years the mean height of the water in each year has been as follows:

	Feet.		Feet.
1873,	175.86	1881,	174.70
1874,	179.50	1882,	179.15
1875,	180	1883,	176.40
1876,	180.28	1884,	178.18
1877,	176.46	1885,	176.80
1878,	179.50	1886,	178.10
1879,	179.74	1887,	179.04
1880,	175.30		

Mean height for fifteen years, 177.93.

Respectfully submitted,

V. C. HASTINGS, *Sup't.*

REPORT OF THE COMMISSIONERS.

To the City Council:

The foregoing report of the superintendent of the Water-Works to this board (which is made a part hereof) shows the receipts and expenditures on account of the works during the past fiscal year.

It will be noted that the receipts exceed those of any previous year by a considerable sum. This excess is due in part to increased receipts for the use of hydrants; but there has been an increase of $1,424.88 from other sources. Said receipts do not include any income from the extensions of the works to Millville and Penacook, and only a small sum from the West Concord extension. It appears, therefore, that the consumption of water in the compact part of the city has largely increased during the year.

Early in the year citizens of the villages of West Concord, Penacook, and Millville made applications to the city council for enlargements of the water precinct so as to include their villages. Those applications were referred to this board for investigation and advice, and, after making careful investigations with reference to the feasibility of supplying water from Penacook lake to these villages, the expense of doing so, the necessity therefor, and the probable income to arise from said extensions, the board unanimously came to the conclusion that the public good required that the extensions should be made, and they so reported to the city council. The city council thereupon passed ordinances enlarging the water precinct as prayed for by the citizens above named, and providing the means for making said extensions. As soon as these ordinances were adopted, we took steps to make the extensions, and are happy to be able to report, at this time, that they have all been made, and are now supplying water to said villages.

Our experience with cement-lined pipes has been so satisfactory that we decided to use that kind of pipe for making said extensions. The contracts, therefore, were let to Messrs. Goodhue & Birnie, of Springfield, Mass., who laid our second main from the pond in 1882. The work was all done under the immediate supervision of our superintendent, and the frequent inspection of the board. It has been thoroughly done, and the materials used have been the best procurable. It gives us pleasure to testify to the faithfulness and honorable dealing of the contractors.

The extension to Millville required an enlargement of the means of supplying water to the distribution pipes which lead over the hill toward Millville in Centre, School, Warren, and Pleasant streets. Accordingly, a twelve-inch pipe has been laid through Rumford street from Franklin to School street, and a ten-inch pipe from the latter point to Pleasant street. It is believed that this pipe will reinforce the other distribution pipes in that vicinity so as to supply a sufficient volume of water to consumers at Millville at all times, having a sufficient head for their purposes, and without seriously interfering with the privileges of water-takers at the higher points of the city. In fact, we think this pipe has improved the pressure at these higher points by keeping a more constant supply of water there, and neutralizing the draft that was formerly made upon the higher points by the consumers at the lower levels. This extension has been contemplated since 1882, and this seemed to be the proper time for making it.

We have also laid a six-inch pipe from the main into Blossom Hill cemetery. The means of furnishing water there prior to this change were wholly inadequate.

The cost of these extensions is stated in the superintendent's report. The income from them will probably be sufficient to pay the additional cost of maintenance and the interest charges upon the money which represents their cost. The permanent indebtedness of the city will be increased about $45,000 on account of these extensions. The balance of their cost will be paid from the income of the works.

The citizens of Penacook gave a banquet to the city government and the water board on the evening of January 20, 1888,

in honor of the completion of the extension of the works to that village. It was a graceful token of their appreciation of this public work. The president of this board, speaking in behalf of the board on that occasion, gave an historical account of the water-works, and we append the same to this report. We also append statistical tables, giving facts of interest with reference to the works.

All of which is respectfully submitted,

SAMUEL S. KIMBALL,
GEORGE A. YOUNG,
JOHN KIMBALL,
WILLIAM M. CHASE,
JAMES L. MASON,
JOSEPH H. ABBOT,
JOHN E. ROBERTSON,
Water Commissioners.

Below are given the receipts for each year for fifteen years, which show that the receipts are increasing every year:

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
Total receipts for fifteen years, . . .	$350,798.31

TABLE—Showing Summary of Main and Distribution Pipes now laid and in use.

30-inch main,	1,950	feet.
18-inch "	11,681	"
16-inch "	151	"
14-inch "	26,491	"
12-inch "	1,351	"
14-inch distribution,	3,704	"
12-inch "	11,977	"
10-inch "	4,765	"
8-inch "	22,637	"
6-inch "	54,837	"
4-inch "	53,122	"
$1\frac{1}{2}$-inch "	93	"
1-inch "	14,143	"
$\frac{3}{4}$-inch "	10,267	"
Total,	217,169	"

—equal to 41.13 miles.

Water is now supplied for the following uses:

2473 families,
281 bath-tubs,
895 water-closets,
533 wash-basins,
59 urinals,
677 yard hydrants,
159 fire hydrants,
22 private fire hydrants,
127 heating apparatus,
4 hotels,
3 greenhouses,
9 fountains,
12 churches,
9 school-houses,
1 state-house,
1 state prison,
8 livery stables,
603 horses,
129 cattle,
1 Odd Fellows' hall,
1 Masonic hall,
6 city buildings,
88 offices,
4 banks,
1 post-office,
114 stores,
3 railroads,
1 gas-works,
26 stationary engines,
2 book-binderies,
5 printing establishments.
1 organ manufactory,
4 carriage manufactories,
7 public watering-troughs,
3 photographers,
3 foundries,
1 tannery,
1 bakery,
5 eating-houses,
23 mechanics' shops,
9 barbers' shops,
12 saloons,
1 jail,
4 cemeteries,
5 street sprinklers,
3 drinking-fountains,
1 brick-yard,
10 water motors.

FIRE-HYDRANTS.

STREETS.	LOCATIONS.	Number.	Total.
Main.	South-west corner North Main and Penacook	1	
"	East side North Main, near J. B. Walker's	1	
"	Junction North Main and Fisk	1	
"	North-west corner North Main and Franklin	1	
"	" " Washington	1	
"	East side North Main, opposite Chapel	1	
"	North-west corner North Main and Court	1	
"	East side North Main, opposite Montgomery	1	
"	South-east corner North Main and Bridge	1	
"	South-west corner North Main and Park	1	
"	North-west corner North Main and Capitol	1	
"	" " School	1	
"	East side North Main, opposite Phenix Hotel building	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	
"	South-east corner North Main and Depot	1	
"	North-west corner North Main and Pleasant	1	
"	North-east corner South Main and Freight	1	
"	North-west corner South Main and Fayette	1	
"	East side South Main, opposite Thompson	1	
"	North-west corner South Main and Cross	1	
"	" " Thorndike	1	
"	" " Perley	1	
"	East side South Main, opposite Abbot-Downing Co.'s	1	
"	North-west corner South Main and West	1	26
Turnpike.	West side Turnpike, opposite Gas	1	
"	" near J. B. Weeks's	1	2
Water.	West side Water, near Capt. James Thompson's	1	1
Hall.	West side Hall, below Rolfe and Rumford Asylum	1	1
State.	North-west corner North State and Penacook	1	
"	" " Walker	1	
"	" " Church	1	
"	" " 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 state-house	1	
"	South-west corner North State and School	1	
"	North-west corner North State and Warren	1	
"	" " Pleasant	1	
"	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	19
Green.	East side Green, opposite Prince	1	1
South.	West side South, opposite Wall	1	
"	North-west corner South and Fulton	1	
"	West side South, opposite Monroe	1	
"	" " Laurel	1	
"	" " Downing	1	
"	" " Allison	1	
"	" " Abbot farm	1	
"	" " Smith farm	1	8
Spring.	South-west corner South Spring and Oak	1	
"	West side South Spring, opposite Cross	1	
"	" " " Perley proposed extension	1	3
Bradley.	East side Bradley, opposite Highland	1	1
Rumford.	West side Rumford, opposite Perkins	1	
"	North-east corner Rumford and Franklin	1	
"	West side Rumford, opposite Beacon	1	