

HIGHWAY DEPARTMENT.

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Stratton, Merrill & Co., sand, . . .	\$8.30	
E. M. McShane, blacksmithing, . . .	4.80	
C. M. & A. W. Rolfe, lumber, . . .	2.80	
O. J. Fifield, sand,	11.20	
C. A. Giles, stone,	2.00	
J. W. Colby, chestnut trees, . . .	4.50	
Penacook Elec. Lt. Co., bridge lights, .	37.50	
E. E. Welch, painting sign,	1.50	
Concord Foundry Co., traps,	19.50	
George Neller, mason work,	29.70	
Penacook Sewer Precinct, pipe, . . .	14.28	
J. H. Rowell & Co., repairing concrete,	37.40	
J. H. Rowell & Co., new concrete, . .	584.26	
C. M. & A. W. Rolfe, use of watering trough,	3.00	
S. G. Sanborn, blacksmithing,	14.00	
		<u>\$3,704.88</u>

East Concord Village Report.

A. S. FARNUM in charge.

Labor pay-rolls (winter expense), . .	\$90.45	
Labor pay-rolls,	682.91	
Fred F. Carter, lighting bridge-lamp, .	12.00	
D. B. Dow, trucking, . . . . .	.75	
A. Nicholson, " . . . . .	.75	
Woodworth & Co., cement,	1.50	
Samuel Eastman, coupling rings, . . .	2.91	
Cyrus A. Robinson, watering trough, .	21.50	
		<u>\$812.77</u>

Millville District.

W. W. CRITCHETT in charge.

Labor pay-rolls (winter expense), . .	\$240.72
Labor pay-rolls,	862.35
C. M. Morgan, breaking-out roads, . .	17.40
G. B. Little, " "	19.20
E. D. Massison, gravel,	4.00

Chas. Nutting, gravel, . . .	\$2.40	
Chas. H. Noyes, " . . .	2.20	
James Mercer, " . . .	3.40	
St. Paul's School, " . . .	23.60	
St. Paul's School, sharpening tools, . . .	11.23	
B. F. Smith, lumber, . . .	28.98	
Amos Blanchard, oil, etc.,85	
A. S. Smith, breaking-out roads, . . .	24.95	
	<u> </u>	\$1,241.28

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Number Four District.

F. E. DIMOND in charge.

Labor pay-rolls (winter expense), . . .	\$67.05	
Labor pay-rolls,	82.00	
	<u> </u>	\$149.05

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Mountain District.

HUGH TALLANT in charge.

Labor pay-rolls,	\$134.85	
Tallant, & Morrill, lumber,	36.00	
	<u> </u>	\$170.85

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East Concord Intervale District.

J. S. LOCKE in charge.

Labor pay-rolls,	\$37.62	
Chas. Graham, use of watering trough,	3.00	
	<u> </u>	\$40.62

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Sanborn District.

N. S. SANBORN in charge.

Labor pay-rolls (winter expense), . . .	\$13.20	
Labor pay-rolls,	41.85	
	<u> </u>	\$55.05

Penacook Intervale District.

JOHN T. GILMAN in charge.

Labor pay-roll,	\$29.70	
A. J. Smith, watering-trough,	3.00	
	<u> </u>	\$32.70

Mast Yard District.

A. P. BENNETT in charge.

Labor pay-rolls,	\$88.80	
	<u> </u>	\$88.80

Egypt District.

GEORGE G. JENNESS in charge.

Labor pay-rolls (winter expense),	\$40.50	
Labor pay-rolls,	275.68	
George G. Jenness, lumber,	63.17	
E. T. Jenness, use of watering-trough,	3.00	
	<u> </u>	\$382.35

Horse Hill District.

R. W. HOIT in charge.

Labor pay-rolls,	\$247.65	
C. M. & A. W. Rolfe, lumber,	4.10	
	<u> </u>	\$251.75

Potter Street District.

JOHN T. TENNEY in charge.

Labor pay-rolls (winter expense),	\$30.38	
Labor pay-rolls,	165.00	
John T. Tenney, lumber,	13.38	
	<u> </u>	\$208.76

Long Pond North District.

A. W. HOBBS in charge.

Labor pay-rolls (winter expense),	. . . . .	\$24.60	
Labor pay-rolls,	. . . . .	61.75	
		<u> </u>	\$86.35

Virgin District.

F. P. VIRGIN in charge.

Labor pay-rolls (winter expense),	. . . . .	\$32.25	
Labor pay-rolls,	. . . . .	119.00	
		<u> </u>	\$151.25

North Concord District.

JOHN C. KILBURN in charge.

Labor pay-rolls (winter expense),	. . . . .	\$38.09	
Labor pay-rolls,	. . . . .	294.86	
Tallant & Morrill, lumber,	. . . . .	48.58	
Crowley & Quinn, covering-stone,	. . . . .	10.00	
C. M. & A. W. Rolfe, lumber,	. . . . .	1.50	
		<u> </u>	\$393.03

Hot Hole Pond District.

L. L. LOCKE in charge.

Labor pay-rolls (winter expense),	\$8.20	
Labor pay-rolls,	15.00	
		<u> </u>	\$23.20

Total expenditures,		\$39,200.00
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Balance,		\$138.67
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POLICE AND WATCH.

Appropriation,	\$10,000.00	
Received of G. S. Locke, fines, costs and fees,	3,839.37	
	<u> </u>	\$13,839.37
Balance carried to transfer account,		1,069.19
		<u> </u>
		\$12,770.18

Paid as follows :

Pay-rolls, regular officers,	\$9,338.02
" special " 	580.00
B. E. Badger, salary, police justice,	800.00
A. J. Shurtleff, associate police justice,	10.00
G. M. Fletcher, salary, clerk police court,	200.00
James L. Freeman, janitor,	258.75
N. A. Dunklee, livery,	352.75
John Chadwick, "	36.00
E. E. Fisher, repairs,	10.35
Manchester Heating & Lighting Co., re- pairs,	1.30
Lee Bros, repairs, . . . . .	.75
Goodhue & Milton, repairs,	2.50
Kimball, Danforth & Forrest, repairs,	1.18
H. O. Marsh & Co., coal,	336.85
E. L. Davis, "	21.50
Goodhue & Milton, labor, etc.,	5.45
Concord Land & Water Power Co.,	176.00
Concord Light & Power Co.,	55.44
Penacook Electric Light Co.,	26.25
Northern Electrical Supply Co.,	25.20
Concord Water-Works,	28.00
J. C. Farrand, supplies,	10.07
Clifford & Hood, supplies, . . . . .	.75
Batchelder & Co., "	40.31
R. R. Cutler, "	1.80
A. Linehan, "	2.60
J. W. P. Roach, special duty,	62.00
John H. Taylor, rent,	50.68

W. C. Sheffield, rent,	\$21.67	
Concord Dye House, cleaning coats,	17.00	
Humphrey & Dodge, water cooler,	5.50	
“ lanterns,	1.00	
George Abbott, Jr., painting,	120.96	
D. Evans & Co., police buttons,	15.00	
Manchester Heating & Lighting Co., lamps,	7.60	
C. F. Batchelder, posting bills,	3.00	
Goodhue & Milton, plumbing,	6.42	
E. H. Randall & Co., “	25.03	
Geo. A. Foster, receiver, horse for ambu- lance,	2.50	
Stevens & Duncklee, merchandise,	5.50	
John Chadwick, telephone service,	25.00	
Engel & Fisher, rent of lobby, Ward 3,	20.00	
G. L. Theobald, roping sidewalk,	1.50	
Concord Ice Co., ice,	8.60	
Danforth, Forrest & Morgan, lumber and labor,	2.40	
N. E. Tel. & Tel. Co., telegraph service,	7.20	
Horace Robinson, regular officer,	19.71	
Lowell Eastman, glass,	20.09	
		\$12,770.18

PRINTING AND STATIONERY.

Appropriation,	\$3,000.00	
Deficiency brought from transfer account,	310.43	
		\$3,310.43

Paid as follows :

Republican Press Association,	\$2,274.80
N. H. Democratic Press Co.,	142.65
Ira C. Evans,	215.00
Frank J. Batchelder,	37.50
Crawford & Stockbridge,	29.50
The Engineering News Pub. Co.,	2.80

BOARD OF HEALTH.

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J. W. McMurphy,	\$22.00	
J. B. Sanborn estate, Town Officer,	2.50	
E. C. Eastman, supplies,	1.62	
Silsby & Son, "	279.06	
Sargent & Hollis, work on revised ordi- nances,	303.00	
	<u> </u>	\$3,310.43

LEGAL EXPENSES.

Appropriation,	\$500.00	
Balance carried to transfer account,	461.41	
	<u> </u>	\$38.59
Paid as follows :		
William L. Foster,	\$36.00	
H. G. Sargent, expense,	2.59	
	<u> </u>	\$38.59

BOARD OF HEALTH.

Appropriation,	\$1,200.00	
Balance carried to transfer account,	63.15	
	<u> </u>	\$1,136.85

Paid as follows :

Charles E. Palmer, salary as sanitary officer,	\$774.99
Charles E. Palmer, cash paid sundries,	80.52
J. S. Dutton, rent,	108 00
Concord Light & Power Co., gas,	7.56
Dr. Edgar A. Clark, member board of health,	25.00
Dr. D. E. Sullivan, member board of health,	25.00
E. N. Pearson, member board of health,	25.00
Republican Press Association,	1.50
G. L. Theobald, burying animals,	22.00

W. J. Fernald, furniture,	\$10.00
Wright & Runnells, livery,	6.50
Leonard Mudgett, groceries,	9.24
C. H. Martin & Co., medicines,	12.04
Howard M. Cook, vacation sanitary officer,	25.00
G. L. Theobald, teaming,	3.00
Dr. N. W. McMurphy, inspection,	1.50
	\$1,136.85

COMMITTEE SERVICE.

Appropriation, \$1,410.00

Paid as follows :

Alfred E. Emery, alderman,	\$60.00
Henry E. Chamberlin, "	60.00
Frank P. Curtis, "	60.00
Adam P. Holden, "	60.00
Edward P. Comins, "	60.00
William H. Perry, "	60.00
Austin S. Ranney, "	60.00
Timothy P. Sullivan, "	60.00
Henry W. Stevens, "	75.00
Charles R. Walker, "	60.00
Charles C. Nutter, "	75.00
James H. Sanders, "	60.00
John H. Spellman, "	60.00
William A. Cobb, "	60.00
John H. Mercer, "	60.00
Eddie C. Durgin, councilman,	30.00
Robert W. Hoit, "	30.00
Samuel L. Bachelder, "	30.00
Louis A. Engel, "	30.00
John A. Blackwood, "	45.00
Frank S. Moulton, "	30.00
Lewis B. Putney, "	30.00
Henry W. Hayden, "	30.00
Henry O. Adams, "	30.00

SCHOOLS.

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Howard A. Dodge,	councilman,	. . .	\$30.00	
Arthur E. Dole,	"	. . .	45.00	
George S. Forrest,	"	. . .	30.00	
William A. Lee,	"	. . .	30.00	
William W. Critchett,	"	. . .	30.00	
Frank L. Sawyer,	"	. . .	30.00	
				<u>\$1,410.00</u>

SCHOOLS.

Unexpended balance of 1893,	. . .	.\$18,242.27	
Appropriation,	. . .	25,320.00	
Walker Fund interest,	. . .	60.00	
Additional appropriation Union district,		14,277.00	
Text books and supplies,	. . .	3,000.00	
Purchase of telescope, Union district,	. . .	350.00	
Appropriation for military drill,	. . .	350.00	
Repairing Manual Training school building,		900.00	
Appropriation for District No. 12,	. . .	200.00	
" " 20,	. . .	1,000.00	
" " Town District,		700.00	
Literary fund,	. . .	3,829.05	
Dog licenses,	. . .	1,414.90	
			<u>\$69,643.22</u>
Balance due school districts,	. . .	17,106.90	
			<u>\$52,536.32</u>

Paid as follows :

L. J. Rundlett, agent Union district,	\$46,789.52
W. A. Cowley, agent District No. 12,	259.85
Henry Rolfe, " " 20,	2,600.00
I. N. Abbott, agent Town District,	2,886.95
	<u>\$52,536.32</u>

SCHOOL HOUSE TAXES.

Appropriation for building house, Union district,	\$5,000.00	
Appropriation for Dist. No. 12, repairs and heating,	300.00	
Appropriation for Dist. No. 20, repairs,	350.00	
		\$5,650.00
Paid as follows :		
E. F. Philbrick, treasurer building committee Union district,	\$5,000.00	
L. J. Rundlett for District No. 12,	300.00	
		\$5,300.00
Balance on hand,		\$350.00

PRECINCT.

Appropriation for interest on state-house loan,	\$1,200.00	
Appropriation for interest on sewer bonds,	480.00	
“ “ on unfunded debt,	1,477.00	
Appropriation for lighting streets,	9,000.00	
“ “ hydrant service,	6,000.00	
“ “ sewers,	5,000.00	
Special appropriation for sewers,	9,000.00	
Balance unexpended, 1893,	4,643.66	
W. B. Howe, use of pumps,	144.78	
“ on account of sewers,	15.06	
		\$36,960.50

Paid as follows :

Interest.

Interest on state-house loan,	\$1,215.00	
“ sewer bonds,	937.50	
“ unfunded debt,	1,437.64	
		\$3,590.14

Lighting Streets.

Concord Light & Power Co., gas, . . .	\$2,245.64	
Concord Land & Water Co., electric lights,	6,530.50	
Concord Land & Water Co., moving lamp- post,	2.90	
Lowell Eastman, glass,	8.42	
	<hr/>	\$8,787.46

Hydrants.

Concord Water-Works,	\$6,000.00
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Sewers.

W. B. Howe, labor pay-rolls, . . .	\$1,071.88	
Portland Stone Ware Co., pipe, . . .	1,356.59	
Dickerman & Co., cement,	125.46	
Humphrey & Dodge, pipe,	30.60	
“ “ hardware,	14.96	
Thompson & Hoague, pipe,	16.94	
J. H. Rowell & Co, concrete,	96.33	
Republican Press Association, book, . . .	9.00	
Crawford & Stockbridge, supplies, . . .	2.15	
George A. Simonds, moving engine, . . .	1.50	
J. W. Drew & Co., sewer contract, . . .	3,115.65	
“ cleaning pipe,	1.00	
E. A. Cushing, carting,	38.25	
D. B. Dow, “	3.35	
A. L. Proctor, “	2.75	
G. L. Theobald, “	1.38	
Concord Foundry Co., castings,	106.60	
Samuel Holt, brick,	209.75	
Chester V. Carlton, inspecting sewers, . . .	49.37	
Engineering News, advertising,	4.00	
Chester V. Carlton, contract,	3,455.81	
George A. Dow, smith work,	2.60	
W. A. Cowley, oil,	1.10	
E. B. Hutchinson Building Co., lumber, . . .	9.36	
Fred C. Bussiel, labor,	1.75	
	<hr/>	\$9,728.13

South End Sewer.

W. S. Marsh, contract,	\$5,970.43
Portland Stone Ware Co., pipe,	1,918.12
Samuel Holt, brick,	168.75
W. B. Howe, labor pay-roll,	47.09
Frank E. Sampson, inspector,	184.37
Dickerman & Co., cement,	130.38
Concord Foundry Co., castings,	22.74
G. L. Theobald, carting,	10.25
Humphrey & Dodge, hardware,	7.65
E. B. Hutchinson Building Co.,	5.25
	\$8,465.03
Total expenditures,	\$36,570.76
Balance unexpended,	\$389.74

SALARIES.

Appropriation,	\$10,000.00
Balance carried to transfer account,	1,218.66
	\$8,781.34

Paid as follows :

Parsons B. Cogswell, mayor,	\$1,000.00
Alfred Clark, commissioner of highways,	1,400.00
Joseph A. Cochran, city clerk,	800.00
“ overseer of poor,	150.00
Harry G. Sargent, city solicitor,	500.00
William F. Thayer, city treasurer,	250.00
Edward H. Dixon, city messenger,	600.00
Albert I. Foster, collector of taxes,	1,287.84
Edward M. Nason, clerk of common council,	50.00
Board of Education, Union School District,	225.00
“ District No. 12,	18.00
“ “ 20,	27.00
Town School District Board,	300.00
Franklin A. Abbott, assessor, Ward 1,	168.00
Charles H. Sanborn, “ “ 2,	142.50

ROLLINS PARK.

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Albert W. Hobbs, assessor, Ward 3, .	\$132.00	
Gilbert H. Seavey, " " 4, .	210.00	
Curtis White, " " 5, .	249.00	
George S. Dennett, " " 6, .	198.00	
Jonathan B. Weeks, " " 7, .	327.00	
George F. Searle, " " 8, .	153.00	
William P. Ballard, " " 9, .	78.00	
Pay-roll, ward officers,	387.00	
Arthur P. Swain, ward records, Ward 2,	1.00	
Harry R. Hood, " " 4,	1.00	
Howard M. Cook, " " 6,	1.00	
Orrin F. Swain, " " 9,	1.00	
Leslie W. Crowther, " " 1,	1.00	
Jeremiah Quinn, Jr., " " 3,	1.00	
George C. Chesley, " " 5,	1.00	
George B. Whittredge, " " 7,	1.00	
Harrison H. Dwight, " " 8,	1.00	
Henry E. Chamberlin, overseer, Ward 1,	25.00	
Frank P. Curtis, " " 2,	10.00	
N. B. Burleigh, care of clocks, . . .	85.00	
		<hr/> \$8,781.34

SOLDIERS' AND SAILORS' MEMORIAL ARCH.

Amount brought from transfer acct., 1893, . . .	\$180.00
Paid Northern Elec. Supply Co., lamps, . . .	\$180.00

WHITE PARK.

Appropriation,	\$3,000.00
Paid William P. Fiske, treasurer,	\$3,000.00

ROLLINS PARK.

Appropriation,	\$1,000.00
Balance carried to transfer account,	151.70
	<hr/> \$848.30
Paid as follows :	
W. P. Fiske, treas., for M. H. Johnson,	\$723.10
James H. Bowditch, labor,	28.45
W. H. Richardson, labor,	96.75
	<hr/> \$848.30

PENACOOK PARK.

Appropriation,	\$200.00	
Balance carried to transfer account,	33.67	
		\$166.33
Pay rolls,	\$90.25	
James W. Balch, painting,	3.33	
Humphrey & Dodge, hardware,	6.35	
Eastman & Co., supplies,	11.25	
Stevens & Duncklee, tin-work,	5.15	
O. F. Richardson, superintendent,	50.00	
		\$166.33

PUBLIC LIBRARY.

Appropriation,	\$6,000.00	
Appropriation for repairs,	500.00	
		\$6,500.00
Paid William P. Fiske, treasurer,		\$6,500.00

LOUDON BRIDGE.

Amount brought from transfer acct., 1893,		\$19,115.73
Paid as follows :		
W. B. Howe, pay rolls,	\$363.06	
Dickerman & Co., cement,	33.87	
J. A. Colby, inspection of materials,	137.37	
Nutting & Hayden, repairs,	4.89	
Michael J. Welsh, inspector,	3.32	
Geo. L. Theobald, teaming,	27.00	
Danforth, Forrest & Morgan, lumber and labor,	69.17	
John E. Cheney, plans and specifications,	353.24	
Berlin Iron Bridge Co., contract,	17,712.00	
Geo. Abbott, Jr., painting,	29.51	
Alfred Clark, commissioner,	382.30	
		\$19,115.73

MEMORIAL DAY.

Appropriation,	\$300.00	
Appropriation special, R. S. Davis Post,	20.00	
		\$320.00

Paid as follows :

D. Arthur Brown for W. I. Brown Post,	\$75.00	
J. M. Crossman for Davis Post,	50.00	
Philip C. Bean for E. E. Sturtevant Post,	195.00	
		\$320.00

MARGARET PILLSBURY GENERAL HOSPITAL.

Appropriation,	\$2,000.00
Paid William F. Thayer, treasurer,	2,000.00

ENGINEERING DEPARTMENT.

Appropriation,	\$3,000.00
Deficiency brought from transfer account,	389.86
	\$3,389.86

Paid as follows :

W. B. Howe, pay rolls,	\$2,803.00
J. S. Dutton, rent of office,	204.00
Concord Light & Power Co., gas,	2.34
W. B. Howe, cash paid,	144.58
James E. Moody, repairs,	16.50
Crawford & Stockbridge, supplies,	5.61
J. G. Chase, supplies,	4.95
George A. Place, supplies,	2.25
Humphrey & Dodge, supplies,	2.90
Goodhue & Milton, repairs,	.96
Concord Machine Co., repairs,	2.48
E. G. Saltman, supplies,	50.97
N. A. Dunklee, livery,	31.50
E. B. Hutchinson, labor and lumber,	20.70
E. B. Hutchinson Building Co., lumber,	9.80
George Abbott, Jr., painting,	.27
E. E. Fisher, repairs,	2.40
Silby & Son, books,	6.00
Buff & Verger, supplies,	40.00
H. W. Morrill, assistant engineer,	37.50
G. W. Wilson, repairs,	1.15
	\$3,389.86

HORSE HILL BRIDGE.

Appropriation,	\$10,500.00	
Balance carried to transfer account,	3,735.42	
	<u> </u>	\$6,764.58

Paid as follows :

Conners & Co., contractors,	\$5,012.64	
Alfred Clark, commissioner highways,	1,428.60	
John R. McDonald, inspector,	220.00	
W. B. Howe, cash paid,	38.61	
N. A. Dunklee, livery,	62.00	
E. A. Cushing, carting,	1.50	
Humphrey & Dodge, hardware,	1.23	
	<u> </u>	\$6,764.58

BLOSSOM HILL CEMETERY.

Appropriation,	\$2,000.00	
Paid Charles G. Remick, treasurer,	\$2,000.00	

OLD NORTH CEMETERY.

Appropriation,	\$350.00	
Paid Charles G. Remick, treasurer,	\$350.00	

PINE GROVE CEMETERY.

Appropriation,	\$600.00	
Paid A. H. C. Knowles, cemetery committee,	\$600.00	

WEST CONCORD CEMETERY.

Appropriation,	\$100.00	
Paid George R. Parmenter, treasurer,	\$100.00	

CALVARY CEMETERY.

Appropriation,	\$200.00	
Paid Charles G. Remick, treasurer,	\$200.00	

OPEN AIR CONCERTS.

Appropriation,	\$300.00
Paid A. F. Nevers, for Third Regiment Band	\$300.00

PRINTING OLD TOWN RECORDS.

Brought from transfer account,	\$747.23
Paid as follows :	
Republican Press Association, printing,	\$649.23
John C. Ordway, copying records,	50.00
Isabel S. Dana, "	48.00
	<u>747.23</u>

PENACOOK SEWERAGE PRECINCT.

Appropriation for sinking fund,	\$500.00
" interest on bonds,	960.00
Unexpended balance, 1893,	256.87
	<u>1,716.87</u>
Paid as follows :	
Henry Morrill, laying sewer,	\$69.50
" sewer work,	67.37
N. S. Gale & Co., supplies,	2.98
" pipe,	1.65
E. H. Davis, labor,	6.50
S. G. Sanborn, smith work,	11.30
Concord Foundry Co., castings,	2.27
Humphrey & Dodge, pipe,	2.64
William F. Thayer, treas., sinking fund,	500.00
Interest on precinct bonds,	960.00
	<u>1,624.21</u>
Unexpended balance,	\$92.66

WEST CONCORD SEWERAGE PRECINCT.

Unexpended balance, 1893,	\$2,121.34
Appropriation for sinking fund,	500.00
" interest on bonds,	680.00
	<u>3,301.34</u>

Paid as follows :

Thompson & Hoague, sewer pipe, . . .	\$6.86	
C. A. French, inspector, . . .	10.00	
Chester V. Carlton, contract, . . .	395.20	
Dickerman & Co., cement, . . .	16.26	
Concord Foundry Co., castings, . . .	16.72	
H. H. Farnum, carting, . . .	4.20	
E. A. Cushing, " . . .	1.00	
Samuel Holt, brick, . . .	36.25	
City of Concord, pipe, . . .	9.00	
George Partridge, teaming, . . .	1.26	
W. B. Howe, pay-roll, . . .	16.24	
William F. Thayer, treas., sinking fund,	500.00	
Interest on bonds, . . .	680.00	
		<u>\$1,692.99</u>
Unexpended balance, . . .		\$1,608.35
Interest on bonds in 1893, unappropriated, . . .		180.00
		<u>\$1,428.35</u>

LIGHTING STREETS, PENACOOK.

Appropriation, . . .	\$1,150.00
Paid Andrew Linehan, treasurer, . . .	\$1,150.00

Recapitulation.

State tax, . . .	\$31,650.00
County tax, . . .	32,260.03
Interest, . . .	6,355.25
City poor, . . .	1,013.90
Aid to dependent soldiers and families,	700.09
Fire department, . . .	15,668.94
Incidentals and land damages, . . .	4,289.14
Highway department, . . .	39,200.00
Police and watch, . . .	12,770.18
Printing and stationery, . . .	3,310.43
Legal expenses, . . .	38.59
Precinct, . . .	36,570.76

TRANSFER ACCOUNT.

119

Salaries,	\$8,781.34
Board of health,	1,136.85
Committee service,	1,410.00
Schools,	52,536.32
School-house taxes,	5,300.00
Soldiers' and Sailors' Memorial Arch,	180.00
White park,	3,000.00
Rollins park,	848.30
Penacook park,	166.33
Public library,	6,500.00
Loudon bridge,	19,115.73
Memorial Day,	320.00
Margaret Pillsbury general hospital,	2,000.00
Engineering department,	3,389.86
Horse Hill bridge,	6,764.58
Blossom Hill cemetery,	2,000.00
Old North cemetery,	350.00
Calvary cemetery,	200.00
West Concord cemetery,	100.00
Pine Grove cemetery,	600.00
Open-air concerts,	300.00
Printing old town records,	747.23
Penacook sewerage precinct,	1,624.21
West Concord sewerage precinct,	1,692.99
Lighting streets, Penacook,	1,150.00
	\$304,041.05

TRANSFER ACCOUNT.

ACCOUNTS KEPT BY THE 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.

Balance brought from transfer account of	
1893,	\$26,600.95
To amount brought from city poor account,	289.10

To amount brought from dependent soldiers'

account, . . .	\$99.91
incidentals, etc., .	1,774.80
highway department, . . .	138.67
legal expenses, .	461.41
police and watch,	1,069.19
salaries, . . .	1,218.66
board of health, .	63.15
Rollins park, .	151.70
Penacook Park, .	33.67
Horse Hill bridge,	3,735.42
appropriation for chemical engine,	1,800.00
appropriation for repairs, central fire station, .	1,500.00
East Concord res- ervoir, . . .	170.00
	<u>\$39,106.63</u>

Cr.

By amount carried to fire department, .	\$1,541.35
printing and sta- tionery, . . .	310.43
engineering depart- ment, . . .	389.86
Loudon bridge, .	19,115.73
Old town records,	747.23
Soldiers' and Sailors' memorial arch, .	180.00
	<u>\$22,284.60</u>
Balance carried to transfer account, 1895,	<u>\$16,822.03</u>

DOG LICENSES.

Amount of dog licenses,	\$1,503.25
Paid as follows :	
W. H. Kimball, sheep killed,	\$18.00
James Dodge, "	6.00

LIQUOR AGENCY.

121

George McC. Sanborn, sheep killed, . . .	10.00	
John B. Sanborn, "	6.00	
Josiah S. Locke, "	35.00	
Hugh L. Tallant, "	14.00	
P. B. Cogswell, expense appraising sheep,	11.00	
Balance carried to school fund,	1,403.25	
	<u> </u>	\$1,503.25

STONE QUARRIES.

Received of Crowley & Quinn,	\$100.00	
C. A. Giles,	100.00	
L. O. & H. P. Peabody,	100.00	
Geo. W. Waters, rent of land,	25.00	
Frank R. Clark, "	25.00	
	<u> </u>	\$350.00

LIQUOR AGENCY.

Receipts,		\$2,665.00
Paid as follows :		
M. S. Brown, liquors,	\$2,026.28	
Moses Ladd, agent,	600.00	
" cash paid for sundries,	25.11	
Concord Light & Power Co., gas,	12.24	
Joseph Stickney, rent,	276.00	
Concord Water-Works,	6.50	
Jackman & Lang, insurance,	6.25	
Concord Coal Co.,	22.50	
Ira C Evans, printing,	3.00	
A. T. Sanger, vacation of agent,	24.00	
	<u> </u>	\$3,001.88

DEPARTMENT REPORTS.

CITY OF CONCORD, N. H.

WATER DEPARTMENT.

1894.

BOARD OF WATER COMMISSIONERS.

PARSONS B. COGSWELL, MAYOR, *ex officio*.

WILLIAM P. FISKE, to March 31, 1898.
WILLIAM E. HOOD, to March 31, 1898.
SOLON A. CARTER, to March 31, 1897.
FRANK D. ABBOT, to March 31, 1897.
JOHN WHITAKER, to March 31, 1896.
HENRY E. CONANT, to March 31, 1896.
WILLIS D. THOMPSON, to March 31, 1895.
WILLIAM M. MASON, to March 31, 1895.

ARTHUR H. CHASE, CLERK.

OFFICERS.

WILLIAM P. FISKE, PRESIDENT.

V. C. HASTINGS, SUPERINTENDENT.

CONCORD WATER BOARD.

Date of election and length of service of members :

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

* Deceased.

William P. Fiske, 1891 Now in office.
 James H. Chase,* 1891 Died 1893.
 John Whitaker, 1892 Now in office.
 Henry E. Conant, 1892 Now in office.
 Parsons B. Cogswell, *ex officio*, 1893 Now in office.
 Solon A. Carter, 1893 Now in office.
 Frank D. Abbot, 1893 Now in office.
 William M. Mason, 1893 Now in office.
 William E. Hood, 1894 Now in office.

PRESIDENTS OF THE BOARD.

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

*Deceased.

SUMMARY OF STATISTICS.

CONCORD, NEW HAMPSHIRE, WATER-WORKS.

Population of the city by census of 1890, . . . 17,004

Population of that portion of the city included with-
in the water precinct, estimated, . . . 15,000

Date of construction, 1872 ; additions since.

Works are owned by the city.

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

Mode of supply, gravity and pumping to reservoir.

FINANCIAL.

MAINTENANCE.

Receipts.	Expenditures.
From consumers (mostly for domestic uses and at fixed rates), . . . \$52,858.23	For management and repairs, \$3,321.10
From rents, etc., . . . 218.08	For new distribution- pipes, 6,932.22
From pipe sold, etc., . . . 293.89	For new service-pipes, For maintenance of pumping station, . . . 2,939.35
	For lowering and relay- ing pipe on School and High streets, on account of change of grade, 1,481.75
	For inspection, 588.15
	For reservoir grounds, For meter account, . . . 1,956.06
	For land around Pena- cook lake, 1,014.50
	For incidentals, 472.17
	Abatements, 140.10
	\$21,213.17
	Amount required to pay interest on bonded indebtedness, 27,900.00
	Balance, 4,257.03
\$53,370.20	\$53,370.20

CONSTRUCTION.

Cost of land damages, flowage and water-rights :

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

Humphrey & Farnum, for kit-shop privilege,	\$5,000.00	
Flowage-rights around Penacook lake,	4,300.61	
C. H. Amsden, water- and flowage-rights,	5,000.00	
Moses H. Bradley, for land,	5,000.00	
Joseph B. Walker, "	2,214.00	
John G. Hook, "	370.00	
Cost of property and rights of Torrent Aqueduct Association,	20,000.00	
dam, gate-house, and appurtenances,	30,756.17	
conduit and gate-houses,	29,484.05	
mains (one from the dam to Rumford St., one from the dam to Penacook St., one from the pump to the reservoir, fire-main through North and South Main and Turnpike Sts., and one from near the dam to Stark St.),	154,960.92	
distribution-pipe,	272,929.05	
service-pipe,	39,191.67	
reservoir,	42,460.09	
pumping station, shop, stable, and storehouse,	22,000.00	
pumping machinery,	10,215.00	
engineering and superintendence,	14,440.56	
incidentals,	6,531.19	
Cost of the works, Jan. 1, 1895,	—————	\$813,353.31

Bonds of the city have been issued to pay a part of said cost as follows :

When due.	Rate.	Amount.
April 1, 1895,	6	\$20,000.00
Nov. 1, 1896,	4	10,000.00
“ 1897,	4	10,000.00
“ 1898,	4	10,000.00
“ 1899,	4	10,000.00
Jan. 1, 1901,	4	10,000.00
“ 1902,	4	10,000.00
“ 1903,	4	10,000.00
“ 1904,	4	10,000.00
“ 1905,	4	10,000.00
“ 1906,	4	10,000.00
“ 1907,	4	10,000.00
“ 1908,	4	10,000.00
“ 1909,	4	10,000.00
“ 1910,	4	5,000.00
“ 1911,	4	5,000.00
Oct. 1, 1912,	4	45,000.00
Jan. 1, 1913,	4	10,000.00
“ 1914,	4	10,000.00
“ 1915,	4	10,000.00
“ 1916,	4	10,000.00
“ 1917,	4	10,000.00
“ 1918,	4	10,000.00
“ 1919,	4	10,000.00
“ 1923,	4	400,000.00
		<u>\$675,000.00</u>

REPORT OF WATER COMMISSIONERS.

To the City Council :

The Board of Water Commissioners respectfully submit their report for the year ending December 31, 1894. The report of the superintendent is made a part of this report, and your attention is respectfully invited to the same.

The work of the year has assumed larger proportions than was anticipated, and we have laid considerable more pipe than in some years previous in the ordinary work. Much of this has been done for the future and covers a large extent of territory, and has improved the system very much. The demand for this work seemed imperative, and was granted after a careful consideration of the same.

The change of grade in High street and School street caused much inconvenience and an expense of about \$1,500. The receipts shown give a very handsome increase over the preceding year, and it is hoped will continue to do so from year to year, although it can hardly be expected in the immediate future, on account of the large number of empty tenements, following the depression along certain lines of business in our city. All departments of the work have been kept up and efficiently managed.

As will be seen by the report of the engineer at the pumping station, the pumping-engine has performed a duty equal to the demands upon it.

But little has been done towards beautifying the reservoir grounds, and work to any extent cannot seem to be decided upon until the city has established certain lines along Penacook street to the opening of Columbus avenue, which has already been laid out. This certainly would be a great attraction to our city, and we hope to see the street graded and this part of our city developed.

The low state of the water in Penacook Lake is easily accounted for; by reference to records of the rain-fall during the past year, it will be seen that it is nearly a foot less than the average for a number of consecutive years previous. This condition is not peculiar to our own locality, but is very general over New England; many water-supplies were never as low as

at the present time, and measures are now being taken by many cities to protect and increase their supplies. The matter of bringing water from Long Pond in Webster will be considered, and should the exigencies of the case require it, measures will be taken toward perfecting such an undertaking.

The commissioners feel very positive in regard to the control of the shores of Penacook Lake, and we hope that all the shore of the lake not now owned by the city will be acquired as soon as possible.

The temporary loan of \$15,000 has been continued. Twenty thousand, the last of the 6 per cent. bonds, become due April 1, 1895, and measures have already been taken to take care of this issue when it becomes due. It is gratifying that our water bonds have sold so well in the market, and it is hoped to float these bonds on a $3\frac{1}{2}$ per cent. basis.

It has been the policy of the commissioners to place meters as far as possible upon all places where a large quantity of water is being used and where there seems to be a needless waste. We find that other cities are adopting the use of meters to a very great extent, thus putting the matter on an equitable basis, whereby all water that is used is paid for. It also has an advantage in that it stops all needless waste. Satisfactory analyses of the water have been made during the year.

We again bear testimony to the efficiency of the superintendent and his employes for the skilful handling of the work during the past year, and feel satisfied that the work performed and the manner in which it has been done, will bear the closest inspection.

All of which is respectfully submitted :

WILLIAM P. FISKE,
WILLIAM E. HOOD,
SOLON A. CARTER,
FRANK D. ABBOT,
JOHN WHITAKER,
HENRY E. CONANT,
WILLIS D. THOMPSON,
WILLIAM M. MASON,
P. B. COGSWELL, *ex officio*,
Water Commissioners.

REPORT OF THE SUPERINTENDENT.

To the Board of Water Commissioners :

I herewith present to you the twenty-third annual report of the operations of this department, showing the receipts, expenditures, and abatements, together with a statement of extensions and improvements made during the year ending December 31, 1894.

RECEIPTS.

For water from consumers by fixed rates,	\$42,259.10
water from consumers by meter rates,	10,313.32
From delinquents,	56.99
For water used for building purposes,	228.82
use of meters,	33.08
rents,	185.00
pipe and stock sold, etc.,	293.89
	\$53,370.20
Deduct abatements,	140.10
Total receipts for 1894,	\$53,230.10

EXPENDITURES.

GENERAL EXPENSES.

Paid pay-rolls, salaries and labor,	\$6,899.27
Nathaniel White, Jr., rent of office,	300.00
S. G. Sanborn, rent of shop in Penacook,	24.00
Ira C. Evans, printing,	53.00
Republican Press Association, printing, etc.,	36.75
N. H. Democratic Press Co., printing,	29.50
Silsby & Son, stationery, etc.,	22.99
Crawford & Stockbridge, stationery, etc.,	22.10
Arthur H. Chase, auditor,	15.00

Paid Concord Light & Power Co., gas, etc.,	\$29.61
N. E. Telephone and Telegraph Co., telephones,	146.00
Humphrey & Dodge, hardware, . .	40.77
Thompson & Hoague, "	97.58
N. S. Gale & Co., "	3.95
Batchelder & Co., grain, oil, etc., .	61.77
A. C. Sanborn, grain, etc.,	60.76
Engel & Fisher, hay,	10.60
H. O. Marsh & Co., wood,	13.69
Emery & Hoyt, posts,	18.00
George W. Chesley, chestnut plank and grade,	68.88
C. H. Martin & Co., lead and oil, . .	11.48
J. D. Johnson & Son, repairs, . . .	8.57
E. B. Hanchay, smith work,	61.84
Simeon Partridge, "	11.25
E. Isabelle, "	8.18
Goodhue & Milton, pipe and labor, .	7.27
E. H. Randall, "	11.85
Rowell & Plummer, mason work, . .	9.49
E. B. Hutchinson Building Co., lumber and labor,	51.29
Mead, Mason & Co., lumber and labor,	12.73
A. W. Holden, shingling,	40.00
George Abbott, Jr., painting, . . .	7.02
J. H. Rowell & Co., repairing con- crete,	2.00
George L. Theobald, team work, . .	299.15
O. F. Richardson, "	47.76
J. H. Coburn & Co., "	13.20
E. L. Davis, "	4.40
A. L. Proctor, "	2.60
W. B. Cunningham, "	2.00
Concord & Montreal R. R., freight,	125.01
Boston & Maine R. R., "	54.91
Concord Street Railway,	20.00

Paid Morrill & Danforth, insurance, . . .	\$30.50
Eastman & Merrill, " . . .	7.50
American Bank Note Co., bond-plate,	235.00
Town of Webster, taxes,	40.00
Wakefield Sheet Piling Co.,	37.50
John C. Thorne, rubber boots,	9.00
Greenough & Hazeltine, "	3.00
Fitz, Dana & Co., sheet-iron,	15.24
Sewall & Day Cordage Co., manilla rope,	9.85
Star Pipe Jointer Co., pipe jointer,	4.00
R. D. Wood & Co., cast-iron pipe and hydrants,	4,075.63
Page Belting Co., cast-iron pipe,	4.03
Builders Iron Foundry, castings,	68.52
Davis & Farnum Mfg. Co., "	52.02
Ludlow Valve Mfg. Co., valves and hydrants,	235.35
Chapman Valve Mfg. Co., hydrants,	188.01
Walworth Mfg. Co., brass goods and pipe,	665.16
Gilchrist & Taylor, tools and fittings,	49.91
Smith & Winchester, "	52.42
Chadwick Lead Works, pig-lead,	437.10
Woodworth & Co., cement,	33.20
Dickerman & Co., "	14.85
National Meter Co., meters,	1,390.95
Henry R. Worthington, "	210.93
Hersey Mfg. Co., "	174.80
Union Meter Co., lining machine and meters,	85.00
Daniel P. Weir, meter,	16.20
Concord Mfg. Co., "	25.00
W. S. Davis & Son, repairs,	31.00
Elizabeth Widmer, land around lake,	564.50
A. L. Proctor, " "	450.00
Incidentals,	102.53
V. C. Hastings, cash paid out,	48.80
	<hr/>
	\$18,133.72

PUMPING STATION EXPENSES.

Paid pay-rolls, engineer and fireman,	\$1,291.52	
Concord Coal Co., coal,	658.48	
Emery & Hoyt, wood,	31.50	
Page Belting Co., wood and belting,	59.40	
H. O. Marsh & Co., coal,	15.75	
Vacuum Oil Co.,	55.30	
Eagle Oil and Supply Co., oil-cups,	3.60	
Champion Flue Scraper Co., flue-scraper,	4 50	
Humphrey & Dodge, hardware,	12.89	
Henry R. Worthington, plungers and rings for feed-pump,	14.85	
Walworth M'f'g Co., pipe, fittings, and packing,	127.51	
Gilchrist & Taylor, fittings,	53.51	
Chadwick Lead Works, lead pipe,	5.66	
Concord Foundry & Machine Co., machine work,	27.65	
Putnam Machine Co., lathe,	290.00	
Backus Water Motor Co., water-motor,	100.00	
L. M. Ham & Co., T beams,	5.60	
George Abbott, Jr., painting,	11.75	
Concord & Montreal R. R., freight,	8.23	
George L. Theobald, carting,	4.00	
Hartford Steam Boiler Insurance Co., insurance,	100.00	
Manchester Heating and Lighting Co., telephone,	40.00	
Concord Light and Power Co., gas,	11.70	
Incidentals,	5.95	
		<u>\$2,939.35</u>
Total expenditures for 1894,		\$21,073.07

The expenses are divided as follows :

General expenses :

For management and repairs,	\$3,321.10
new service-pipes,	2,249.27
new distribution-pipes,	6,932.22
inspection,	588.15
reservoir grounds,	118.50
land around Penacook lake,	1,014.50
meter account,	1,956.06
lowering and relaying pipe on School and High streets on account of change of grade,	1,481.75
incidentals,	472.17
	\$18,133.72

Pumping station expenses :

For salaries, engineer and fireman,	\$1,291.52
fuel used,	748.48
oil, waste, packing, and other sup- plies,	142.17
incidentals,	747.10
	\$2,939.35

EXTENSIONS AND IMPROVEMENTS.

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

In Penacook street,

east from pumping station, 925 feet 10-inch pipe and 1 hydrant.

In Penacook street,

east from North Main street, 557 feet 8-inch pipe and 1 hydrant.

In Rumford street,

north from Church street to Wyman street, 210 feet 8-inch pipe.

In Turnpike street,

south from near Margaret Pillsbury General Hospital to near J. H. Lamprey's barn, 1,583 feet 6-inch pipe and 1 hydrant.

- In Mill road, St. Paul's School,*
south from Pleasant street to Upper School cottage, 874
feet 6-inch pipe and 1 hydrant.
- In Penacook street,*
east of office of Page Belting Co. to shops, 458 feet 6-inch
pipe and 1 hydrant.
- In Wyman street,*
west from Rumford street, 220 feet 6-inch pipe.
- In Beacon street,*
west from White street, 210 feet 6-inch pipe.
- In Rockingham street,*
west from Turnpike street to Broadway, 202 feet 6-inch
pipe and 1 hydrant.
- In Curtice street,*
east from North State street, 197 feet 6-inch pipe.
- In Pillsbury street,*
east from Eastman street, 72 feet 6-inch pipe.
- In Dunklee street,*
28 feet 6-inch pipe and 1 hydrant.
- In Turnpike street,*
south from near J. H. Lamprey's barn to Samuel Holt's
brick-yard, 3,650 feet 4-inch pipe and 1 hydrant.
- In Mill Road, St. Paul's School,*
south and west from Upper School cottage to Orphans'
Home, 1,890 feet 4-inch pipe and 1 hydrant.
- In Hall street,*
extended south, 84 feet 4-inch pipe.
- In Hammond street,*
east from Hall street, 496 feet 4-inch pipe and 1 hydrant.
- In Lincoln street,*
west from South street to South Spring street, 367 feet
4-inch pipe.
- In Harvard street,*
south from Clinton street, 345 feet 4-inch pipe.

- In Albin street,*
west from Martin street to near Rumford street, 200 feet
4-inch pipe.
- In Abbott street,*
west from Lyndon street, 108 feet 4-inch pipe.
- In Badger street,*
extended south, 48 feet 4-inch pipe.
- In Kimball street,*
extended north, 36 feet 4-inch pipe.
- In Sewall's Falls road,*
from Main street, West Concord, to Second street, 1,670
feet 2-inch pipe.
- In Second street,*
from Sewall's Falls road to house of H. J. Odell, 643 feet
2-inch pipe.
- In Merrimack street,*
south from Orchard street to Pleasant street, 363 feet 6-inch
cast-iron pipe, relaid in place of 6-inch cement-lined.
- In Warren street,*
near Fruit street, 87 feet 6-inch cast-iron pipe, relaid in
place of 4-inch cement-lined.
- In Giles street,*
6 feet 6-inch cast-iron pipe, relaid in place of 4-inch cement-
lined.
- In Chapel street,*
56 feet 4-inch cast-iron pipe, relaid in place of 4-inch
cement-lined.
- In Fruit street,*
16 feet 4-inch cast-iron pipe, relaid in place of 4-inch
cement-lined.
- In High street,*
200 feet 14-inch pipe, lowered on account of change of
grade.
- In High street,*
120 feet 12-inch pipe, lowered on account of change of
grade.

In School street,

307 feet 10-inch cast-iron pipe, relaid in place of 6-inch cement-lined, lowered on account of change of grade.

In School street,

708 feet 8-inch cast-iron pipe, relaid in place of 6-inch cement-lined, lowered on account of change of grade.

IN PENACOOK.

In Rolfe street,

to connect with Penacook street, 22 feet 6-inch pipe.

In Penacook street,

south from Merrimack street to Rolfe street, 850 feet 6-inch pipe, and 1 hydrant.

In Washington street,

west from near Henry Morrill's house across Contoocook River to passway to mill of Concord M'f'g Co., 425 feet 6-inch pipe.

On hydrant branches, *

92 feet 6-inch pipe and 25 feet 4-inch pipe.

20 feet 6-inch cast-iron pipe, relaid in place of 6-inch cement-lined.

12 feet 6-inch cast-iron pipe, relaid in place of 6-inch cement-lined, lowered on account of change of grade.

On blow-offs,

6 feet 4-inch pipe.

Summary of the Foregoing.

<i>Pipes.</i>	<i>Hydrants.</i>	<i>Stop-Gates.</i>
1-in., 1,375 feet.	Penacook St., city, 3	4-in., 17
2-in., 2,313 "	Dunklee " 1	6-in., 16
4-in., 7,255 "	Hammond " 1	10-in., 1
6-in., 5,233 "	Turnpike " 2	
8-in., 767 "	Rockingham " 1	
10-in., 925 "	Mill road, St. Paul's School, 2	
	Penacook St., Pen- acook, 1	
	11	34
17,868 feet, —equal to 3.38 miles		
Total length of main- and distribution- pipes now in use, 289,922 feet, —equal to 54.90 miles.	Total number of hy- drants now in use, 239.	Total number of gates now in use, 664.

SERVICE-PIPES.

There have been laid during the year, and connected with the main-pipe, 142 service-pipes, consisting of,—

137 1-inch,	3,466 feet.
3 2-inch,	66 "
2 6-inch,	24 "
142	3,556 "

Whole number of service-pipes, 2,970; number discontinued, 13; number in use at the present time, 2,957.

Whole number feet, 69,601, equal to 13.18 miles.

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

January,	172.65	July,	174.45
February,	172.50	August,	173.40
March,	172.30	September,	172.40
April,	174.20	October,	171.60
May,	174.35	November,	170.90
June,	174.60	December,	170.40

The lowest point reached was December 1, being 170.40 ; the highest was June 6, 174.90 ;—mean height, 172.81, which was .57 foot lower than that for the year 1893.

We have been able to continue the record of the previous six years, and report that all the water-rents have been collected without shutting off a single supply for non-payment.

On account of the change of grade at the west end, ordered by the board of aldermen, we were obliged to expend much labor and money on this section ; 250 feet of 14-inch and 130 feet of 12-inch pipe were lowered on High street ; and on School street, new 8-inch and 10-inch pipe was laid from Holt to Giles street, a distance of 1,015 feet.

We have set 78 meters during the year, placing them on business blocks and other consumers according to your directions.

We have made two inspections through the city from house to house, and we are assured of good results from this work by the fact that, notwithstanding the low water in Penacook lake, the pressure has been higher than for several years. We are confident that it will increase still more as more supplies are metered.

The management of the pumping station has continued to be very satisfactory, and your attention is called to the engineer's report showing the excellent working of the pump.

According to your directions, we have purchased a lathe and water motor, and fitted them up so that nearly all the repairing of the department can be done by our engineer. There is always considerable expense for machine work in the way of repairing meters, tools, and machinery in general, and we shall now reduce that outlay.

On the 14th day of March, Mr. Elmer L. Gove, foreman of this department for the past five years, passed away after an ill-

ness of several weeks. His term of service was a faithful one, always in the interest of the water-works, and his thorough knowledge of the city and good judgment made him a worthy and valuable employé.

In closing this report, I wish to express my sincere thanks to all the employés of the department for the hearty coöperation they have shown in the work of the year.

Respectfully submitted :

V. C. HASTINGS,
Superintendent.

REPORT OF THE ENGINEER OF THE PUMPING STATION.

PUMPING STATION, CONCORD WATER-WORKS.

V. C. HASTINGS, *Superintendent* :

SIR: I would report that the machinery at the pumping station is in good working condition.

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

Statement.

98 tons, 1,346 lbs. Pocahontas coal, 57 gallons of oil.
 44 tons, 1,307 lbs. Cumberland coal, 35 lbs. of waste.

ENGINE RECORD.

DATE.	Pumping time. <i>h. m.</i>	Water pumped.	Daily average pumped.	*Total coal burned.	Daily average coal burned.	*Gallons pumped per pound of coal.
January	174:20	14,267,260	460,234	33,054	1,066	431
February...	153:15	12,951,120	462,540	30,406	1,085	425
March	150:	12,712,245	410,072	26,527	855	479
April.....	120:15	10,133,025	337,747	20,206	673	501
May.....	153:45	13,211,310	426,171	26,325	849	501
June.....	167:15	14,396,585	479,886	27,234	907	528
July.....	167:30	14,947,170	482,167	28,939	933	516
August	167:45	14,704,900	474,351	29,166	940	504
September.	136:15	12,086,690	402,889	23,684	789	510
October.....	142:45	13,062,350	421,366	26,379	850	472
November..	128:	11,095,665	369,855	23,090	769	480
December..	132:15	11,572,960	382,798	25,723	830	449
Total....	1,793:20	155,141,280	422,304	320,733	878	483
Daily Average..	4:52	422,304	.....	878	.....	.....

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

Amount of coal consumed per thousand gallons pumped, 2.06 pounds.

HENRY A. ROWELL,
Engineer.

AUDITOR'S REPORT.

CONCORD, N. H., January 1, 1895.

To the Board of Water Commissioners:

I hereby certify that I have examined the books showing the receipts of the Concord Water-Works from January 1, 1894, to December 31, 1894, and find the same correct, and that the total amounts given therein correspond with the amounts of receipts given by the superintendent, V. C. Hastings, in his report for the year.

ARTHUR H. CHASE,
Auditor.

TREASURER'S REPORT.

W. F. THAYER, *Treasurer,*

In account with CONCORD WATER-WORKS.

RECEIPTS.

Balance on hand Jan. 1, 1894, . . .	\$1,589.96	
Bonds,	170,000.00	
" premium,	4,728.00	
" interest,	773.15	
Note,	15,000.00	
Income of water-works,	53,230.10	
		\$245,321.21

EXPENDITURES.

Interest on water-works bonds, . . .	\$28,011.00	
" " notes,	1,325.08	
Maintenance and extension,	21,073.07	
Notes,	55,000.00	
Bonds,	127,000.00	
Balance on hand Jan. 1, 1895,	12,912.06	
		\$245,321.21

APPENDIX.

A.

Receipts for each Year since the Completion of the Works.

For the year ending January 31, 1874,	. . .	\$4,431.10
For fifteen months ending April 1, 1875,	. . .	17,535.00
For the year ending April 1, 1876,	. . .	16,921.24
“ “ 1877,	. . .	19,001.07
“ “ 1878,	. . .	20,763.03
“ “ 1879,	. . .	21,869.86
“ “ 1880,	. . .	22,451.53
“ “ 1881,	. . .	26,744.58
For nine months ending December 31, 1881,	. . .	25,534.01
the year “ 1882,	. . .	27,243.06
“ “ 1883,	. . .	28,255.48
“ “ 1884,	. . .	28,915.65
“ “ 1885,	. . .	30,222.54
“ “ 1886,	. . .	30,862.64
“ “ 1887,	. . .	34,047.52
“ “ 1888,	. . .	38,441.32
“ “ 1889,	. . .	40,237.53
“ “ 1890,	. . .	42,133.41
“ “ 1891,	. . .	46,075.16
“ “ 1892,	. . .	48,351.52
“ “ 1893,	. . .	52,299.66
“ “ 1894,	. . .	53,230.10
Total receipts for twenty-two years,	. . .	\$675,567.01

B.

Mean Height of the Water Each Year.

1873, . . .	175.86	1884, . . .	178.18
1874, . . .	179.50	1885, . . .	176.80
1875, . . .	180.00	1886, . . .	178.10

1876, . . .	180.28	1887, . . .	179.04
1877, . . .	176.46	1888, . . .	181.96
1878, . . .	179.50	1889, . . .	180.91
1879, . . .	179.74	1890, . . .	181.90
1880, . . .	175.30	1891, . . .	180.00
1881, . . .	174.70	1892, . . .	174.32
1882, . . .	179.15	1893, . . .	173.38
1883, . . .	176.40	1894, . . .	172.81

C.

Water Is Now Supplied for the Following Uses.

3,555 families,	2 undertakers,
2,574 water closets,	127 meters,
661 bath-tubs,	1 tannery,
990 wash-bowls,	3 bakeries,
252 heating-apparatus,	117 offices,
7 water motors,	96 stores,
7 elevators,	12 drug stores,
60 urinals,	27 grocery stores,
1,034 yard-hydrants,	14 markets,
239 fire hydrants,	3 restaurants,
29 private fire-hydrants,	9 fountains,
4 drinking-fountains,	3 green-houses,
10 public water-troughs,	14 barber shops,
22 stand-pipes,	29 mechanic shops,
18 churches,	7 plumber shops,
2 libraries,	25 stationary engines,
13 public schools,	6 printing establishments,
3 private schools,	1 organ and piano manufactory,
8 city buildings,	3 carriage manufactories,
1 state-house,	3 book-binderies,
1 post-office,	1 silver manufactory,
1 Masonic hall,	1 harness manufactory,
1 Odd Fellows' hall,	5 photographers,
4 banks,	1 cotton-mill,
4 hotels,	1 dye-house,
2 railroads,	5 laundries,
1 gas-works,	10 livery stables,

WATER DEPARTMENT.

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3 foundries,
1 street railway,
7 stone yards,
3 polishing-works,
2 marble shops,
2 coal yards,

911 horses,
170 cattle,
17 saloons,
1 jail,
1 state prison,
6 cemeteries.

