

## REPORT OF THE BOARD OF PUBLIC WORKS.

### REPORT OF THE HIGHWAY DEPARTMENT.

*To the Honorable Board of Public Works:*

Herewith my report for year ending December 31, 1920, showing amounts appropriated and expended under the supervision of this department.

#### GENERAL MAINTENANCE.

Appropriation,	\$95,000.00
Transferred from sidewalks and crossings repair,	.44
By Joint Resolution No. 436,	2,505.36
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	\$97,505.80

#### EXPENDITURES.

##### CENTRAL DISTRICT.

General maintenance:	
Labor,	\$17,729.41
Repairs,	135.37
Miscellaneous supplies,	960.59
Fences:	
Labor,	173.24
Lumber,	188.75
Iron,	2.40
Claim for damage to fence,	20.00
Signs:	
Labor,	1.76
Prescott Sign Co., painting and signs,	99.22
Iron braces,	18.00
Lumber,	16.00

## Bridges:

Labor, snowing,	\$13.31
Labor, cleaning,	8.66
Labor, cutting poles,	16.00
Labor, repairing,	191.68
Labor, weighting down,	8.06
Cement,	4.00
Ties,	16.28
Miscellaneous supplies,	5.84

## Culverts:

Labor, building,	145.69
Labor, cleaning,	123.69
Labor, repairing,	244.31
Labor, thawing,	98.04

Drinking fountains and watering  
troughs:

Labor, repairing,	77.45
Supplies for fountains,	202.59
Supplies for troughs,	19.33
Use of troughs,	32.00

## Gutters:

Labor, cleaning,	4,060.36
Labor, paving,	164.16
Labor, plowing,	1,038.74
Labor, repairing,	32.60

Breaking roads, labor, 1,470.26

## Plowing walks:

Labor,	1,321.50
Plows,	175.00

Leveling snow, labor, 1,518.36

## Sanding walks:

Labor,	912.46
Supplies,	7.00
Filling sand house,	164.82
Rent of sand shed,	48.00

Driveways, labor, 320.63

Dragging streets:	
Labor,	\$1,015.20
Supplies,	10.30
Resurfacing streets:	
Labor,	15,902.67
Supplies,	163.15
Sweeping streets, labor,	4,671.59
Repaving streets, labor,	337.39
Repairing macadam, labor,	1,262.41
Cleaning crossings, labor,	169.36
City teams:	
Grain,	2,417.05
Hay,	1,135.20
Horses,	1,185.00
Horses, freight on,	39.40
Shoeing,	464.80
Veterinary,	116.75
Harnesses, new and repair,	356.62
Miscellaneous supplies,	97.66
City stables:	
Repairs,	118.26
Lights,	50.60
Installing new light,	28.30
Coal,	315.17
Miscellaneous supplies,	50.87
Insurance on cars,	493.50
Gasoline and oil,	1,524.81
Buick roadster,	1,510.00
Repairs and supplies,	80.69
Concord truck, repairs and supplies,	342.00
International truck, repairs and supplies,	363.74
Tractor, repairs and supplies,	160.15
Office:	
Telephone,	14.65
Stationery,	132.45
Time books,	115.00

Express,	\$11.95
Miscellaneous supplies,	79.50
Dimond Hill-Davis contract,	5,958.20
Dimond Hill-Cobble gutters,	786.48
Bridge Street, Normandeau contract,	769.01
State Aid—Black Hill,	169.50
Garage,	2,437.00
Painting,	60.50
Miscellaneous supplies,	8.44
Scarifier,	950.00
Freight on,	12.83
Calcium chloride,	49.00
Freight on,	11.10
Use of horse,	52.00
Barrett Co., balance of account,	34.80
New tools,	410.68
Paint,	95.53
Supplies for tar machine,	42.73
Repairs to blacksmith shop,	55.44
Coal,	76.20
Trap rock,	57.81
Telephone service,	36.17
Supplies for crusher,	122.06
Power,	461.60
Supplies for steam roller,	190.49
Supplies for snow roller,	128.63
Travelling expenses,	13.04
	\$79,510.99

## PENACOOK DISTRICT.

General maintenance:	
Labor,	\$3,639.98
Supplies,	26.89
Signs, labor,	5.32
Fences:	
Labor,	51.75
Supplies,	4.73

Bridges:	
Labor,	\$80.77
Supplies,	98.56
Culverts:	
Labor, cleaning and repairing,	124.25
Labor, thawing,	12.14
Fountains and watering trough:	
Labor,	2.32
Supplies,	21.89
Plowing walks, labor,	293.95
Breaking roads, labor,	763.26
Leveling snow, labor,	528.11
Removing snow, labor,	124.45
Sanding walks, labor,	204.09
Filling sand house,	27.81
Gutters:	
Labor, plowing,	242.58
Labor, cleaning,	516.49
Labor, repairing,	79.01
Crossings, labor, cleaning,	76.05
Cleaning streets, labor,	529.46
Driveways, labor,	15.18
	\$7,469.04

## WEST CONCORD DISTRICT.

General maintenance:	
Labor,	\$1,430.93
Supplies,	.60
Culverts, labor cleaning,	28.71
Gutters:	
Labor, cleaning,	337.35
Supplies,	2.50
Labor, plowing,	56.48
Patching, labor,	23.00
Breaking roads, labor,	702.17
Plowing walks, labor,	140.97
Sanding walks, labor,	31.92
Leveling snow, labor,	415.36
	\$3,169.99

## EAST CONCORD DISTRICT.

General maintenance:		
Labor,	\$1,158.17	
Supplies,	12.69	
Bridges:		
Labor,	5.20	
Supplies,	51.75	
Culverts:		
Labor, cleaning,	11.50	
Labor, thawing,	17.72	
Gutters, labor cleaning,	51.55	
Dragging roads, labor,	60.50	
Breaking roads, labor,	451.87	
Plowing walks, labor,	51.94	
Leveling snow, labor,	255.47	
Sanding walks, labor,	26.08	
	<hr/>	\$2,154.44

## BLACK HILL DISTRICT.

Breaking roads, labor,	\$80.66	
Shoveling snow, labor,	7.78	
	<hr/>	88.44

## BURROUGHS DISTRICT.

General maintenance, labor,	\$7.78	
Breaking roads, labor,	115.01	
	<hr/>	122.79

## DIMOND HILL DISTRICT.

Breaking roads, labor,	345.67	
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## NUMBER FOUR DISTRICT.

General maintenance, labor,	\$187.99	
Breaking roads, labor,	207.28	
Leveling snow, labor,	219.78	
	<hr/>	615.05

## EGYPT DISTRICT.

General maintenance, labor,	\$3.61	
Breaking roads, labor,	740.57	
Leveling snow, labor,	176.20	
Culverts, labor,	27.22	
Gutters, labor plowing,	174.07	
	<hr/>	\$1,121.67

## HOIT DISTRICT.

General maintenance, labor,	\$170.33	
Breaking roads, labor,	451.92	
	<hr/>	622.25

## IRON WORKS DISTRICT.

Breaking roads, labor,		315.74
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## JORDAN DISTRICT.

General maintenance, labor,	\$27.61	
Breaking roads, labor,	348.82	
Shoveling snow, labor,	45.11	
Gutters, labor,	9.33	
	<hr/>	430.87

## PINE HILL DISTRICT.

General maintenance, labor,	\$118.07	
Breaking roads, labor,	28.20	
Leveling snow, labor,	38.11	
	<hr/>	184.38

## SANBORN DISTRICT.

General maintenance:		
Labor,	\$187.80	
Supplies,	3.20	
Breaking roads, labor,	562.22	
Leveling snow, labor,	222.10	
Culverts, labor,	13.89	
	<hr/>	989.21

## CITY OF CONCORD.

## VIRGIN DISTRICT.

General maintenance, labor,	\$74.48	
Breaking roads, labor,	196.71	
Shoveling snow, labor,	12.05	
Leveling snow, labor,	82.03	
		<u>\$365.27</u>
Total expenditures,		\$97,505.80

## CATCH BASINS.

Appropriation,	\$2,000.00	
By Joint Resolution No. 436,	1,494.22	
		<u>\$3,494.22</u>

## Expenditures—

## CENTRAL DISTRICT.

Cleaning, labor,	\$1,662.24	
Building, labor,	159.17	
Rebuilding, labor,	159.25	
Repairing, labor,	250.99	
Thawing, labor,	283.34	
Supplies:		
Brick,	120.00	
Bases, traps, etc.,	121.14	
Cement,	56.15	
Coal and wood,	9.14	
Pipe,	51.28	
Rubber boots,	19.16	
Steam hose,	45.00	
		<u>2,936.86</u>

## PENACOOK DISTRICT.

Building:		
Labor,	\$88.19	
Supplies,	25.35	
Cleaning, labor,	283.54	
Rebuilding, labor,	22.09	

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Repairing, labor,	\$49.90	
Thawing, labor,	10.87	
	<u>          </u>	\$479.94

## WEST CONCORD DISTRICT.

Cleaning, labor,	\$54.01	
Repairing, labor,	23.41	
	<u>          </u>	77.42

Total expenditures,		<u>\$3,494.22</u>
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## SIDEWALKS AND CROSSINGS, NEW.

Appropriation,	\$1,800.00	
By Joint Resolution No. 436,	59.91	
	<u>          </u>	\$1,859.91

Expenditures—

## CENTRAL DISTRICT.

Refund to Standard Oil Co.,	\$89.17	
Laying edgestone, labor,	547.38	
George F. Tandy:		
Walks,	1,166.96	
Crossings,	52.80	
	<u>          </u>	1,856.31

## PENACOOK DISTRICT.

Labor,		3.60
		<u>          </u>
Total expenditures,		\$1,859.91

## SIDEWALKS AND CROSSINGS, REPAIR.

Appropriation,	\$3,000.00	
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Expenditures—

## CENTRAL DISTRICT.

Repairing:		
Walks, labor,	\$231.92	
Crossings, labor,	17.57	

Relaying curbing, labor,	\$63.29	
Supplies, edgestone,	24.50	
George F. Tandy:		
Repairing walks,	2,126.23	
Repairing crossings,	173.73	
Repairing gutters,	25.93	
	<u>          </u>	\$2,663.17

## PENACOOK DISTRICT.

Repairing, labor,	255.37
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## WEST CONCORD DISTRICT.

Repairing, labor,	<u>81.02</u>
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Total expenditures,	\$2,999.56
Transferred to general maintenance,	<u>.44</u>
	\$3,000.00

## GARBAGE.

Appropriation,	\$14,500.00	
Deficiency to 1921,	2,208.18	
	<u>          </u>	\$16,708.18

## Expenditures—

Deficiency from 1919,	\$1,256.11	
Collecting garbage, labor,	8,416.71	
Collecting paper, labor,	1,158.61	
Leveling ashes, labor,	1,665.41	
Patrol carts, labor,	1,514.53	
Cleaning crossings, labor,	1,191.64	
Repairs to Peerless truck,	521.11	
Gasoline and oil,	840.98	
Cover for truck,	46.98	
Street brooms,	49.78	
Miscellaneous repairs and supplies,	46.32	
	<u>          </u>	\$16,708.18

## PENACOOK SPRINKLING PRECINCT.

Balance from 1919,	\$40.61	
Appropriation,	450.00	
	<hr/>	\$490.61
Expenditures—		
Sprinkling streets, labor,	\$355.74	
Repairing standpipes:		
Labor,	27.65	
Supplies,	11.75	
Miscellaneous labor,	52.81	
Supplies,	35.40	
	<hr/>	483.35
Balance to 1921,		7.26
		<hr/>
		\$490.61

## SPRINKLING.

Balance from 1919,	\$1,925.69	
Appropriation,	6,000.00	
	<hr/>	\$7,925.69
Expenditures—		
Sprinkling streets, labor,	\$2,687.63	
Flushing streets, labor,	159.76	
Repairing standpipes, labor,	169.65	
Painting carts, labor,	56.00	
Repairing carts, labor,	112.99	
Supplies:		
Carts,	108.58	
Paint and brushes,	76.20	
Victory nozzle,	36.00	
Hose,	189.20	
Standpipes,	85.12	
Road oil,	596.30	
Trucks:		
Use of,	825.00	
Gasoline and oil,	581.82	

Horns and pulley,	\$10.30	
Tires,	233.00	
Rear wheels,	71.40	
		\$5,998.95
Balance to 1921,		1,926.74
		\$7,925.69

## SALARY OF SUPERINTENDENT.

Appropriation,	\$2,500.00
Expenditures—	
Salary,	\$2,500.00

## TREES.

By Resolution No. 437,	\$435.93	
By Joint Resolution No. 436,	82.49	
		\$518.42
Expenditures—		
Collecting nests and removing trees,		
labor,	\$516.92	
Supplies,	1.50	
		\$518.42
Deposited with the city treasurer:		
State Aid, highways,	\$500.00	
Labor and crushed stone,	2,329.90	
Sidewalks and crossings, new,	803.51	
Sidewalks and crossings, repair,	14.54	
Catch basins,	3.00	
Trees,	82.49	
Garbage,	456.46	
		\$4,189.90

My judgment being that a financial report does not exactly show the activities of a department wish to call attention to the following facts:

## GENERAL MAINTENANCE.

Wages were advanced 13 per cent on May 10, 1920. The present wages are as follows for a nine-hour day:

Able-bodied men,	\$4.50
Other men,	\$3.96 to 4.18
Teamsters,	4.68

Holidays and overtime labor paid at the rate of time and one-half and Sundays at double time rate.

The rate of pay for hired double teams in the city was increased on March 29th to \$8.00 per day.

Approximately 84 miles of walks plowed after each storm; largest route 8.7 miles and shortest 4.8 miles. All plows in city proper run from city stables.

The sum of \$15,185.27 was spent for snow removal.

The sum of \$2,437.00 was spent for addition to garage at city lot.

Blacksmith and repair shop fitted up at city lot; all repair work, with few exceptions, is now being done by our own employees.

Resurfacing of our dirt and gravel streets with crushed screened gravel.

Tractor used in operating our road machines and drags in place of horses.

Improved pavements, so-called, repaired or patched by our own employees.

Started to drain, reshape, gravel and excavate side ditches on our country roads.

Driveways paved with granite block paving.

84,300 sq. yds. of improved pavement swept each day.

Guard fences on country roads rebuilt.

All drinking fountains in city proper repaired.

Streets and roads dragged after each storm.

Several bridges had stringers replaced, replanked and guard rail built.

The sum of \$6,747.21 spent on improvements on Dimond Hill and Bridge Street under the supervision of State Highway Department.

Gutters built on Dimond Hill; Federal and State Government paying for same.

Buick automobile, scarifier and four new horses added to our equipment at an expense of \$3,697.23.

White's Park ball grounds graded in co-operation with the White's Park Ball Grounds Committee.

Crushed stone sold to all that applied for it.

Seal coat of tar placed on trunk lines in co-operation with State Highway Department.

#### CATCH BASINS.

All basins in city proper located and mapped; blueprints showing location on file in this and city engineer's office.

March 8th the citizens of the city helped locate and clear gutters and basins.

Victory nozzle purchased allowing department to more quickly clear pipes from basins to sewers.

Basins cleaned out as soon as possible after each storm.

Nine new basins built and twenty-three repaired.

#### SIDEWALKS AND CROSSINGS, NEW AND REPAIR.

Specifications prepared by city engineer, adopted by your board and now in use in the department.

Number of square yards laid as follows:

<i>New.</i>	<i>Repair.</i>
48 sq. yds., crossings	130.98 sq. yds., crossings
658.21 sq. yds., sidewalks	3066.76 sq. yds., sidewalks
	23.57 sq. yds., gutters

#### GARBAGE.

Snow added to cost of collection.

Truck overhauled and painted by our own employees.

13,900 cu. yds. of ashes collected.

2,750 cu. yds. of paper collected.

#### SPRINKLING.

Streets in center of city flushed once each week.

Automobiles replaced horse drawn sprinklers.

Calcium chloride used on a part of Thorndike and North Spring Streets; no sprinkling necessary from August 2nd, date of application.

Automobile sprinklers used for dragging streets when not used sprinkling.

#### TREES.

This amount was spent gathering moth nests and removing several limbs.

#### CONCLUSION.

Believing that my recommendations should be made to your board in regular session, have prepared this report with the idea that an annual report is useful principally as a record of work performed.

Respectfully submitted,

O. W. HEAD,  
*Superintendent of Streets.*

**REPORT OF THE CITY ENGINEER.**

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*To the Board of Public Works:*

GENTLEMEN: The tenth annual report to your board showing the work done under the supervision of the Engineering Department, for your board, is herewith submitted.

**SEWERS.**

There was laid during the past season 198 feet of 33-inch segmental sewer in Beacon Street, replacing the old 12-inch pipe.

Scarcity of labor resulted in another delay in completing this much needed improvement, which should be started early next season to relieve this congested main. We were in the deepest portion of this work when compelled to stop work upon it, thus making additional expense in again opening up the ditch.

Flooded premises near the head of Walker Street were caused by the accumulation of boards, sticks, etc., in three manholes in Walker Street.

The boards were too long to have entered the sewer through any catchbasins or house connections. How these boards came into three manholes in this street, we are still guessing.

The sewer system was flushed and cleaned in the spring and fall as usual.

There was expended for new work the following amount:

BEACON STREET.

Paid for labor,	\$2,127.23
cement,	38.25
trucking,	148.30
lumber,	209.65
hardware,	4.25
gasoline and oil,	16.45
pump repairs,	15.29

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Paid for kerosene oil,	\$7.45
pump diaphragms,	3.60
blacksmith,	9.40
sharpening tools,	.50
shovels,	9.60

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 \$2,589.97

Average cost per foot, \$13.075.

Material excavated, sand and gravel.

The following amounts were paid for repairs:

Chandler Street,	\$10.50
Cleaning Bow Brook, near City Shed,	4.25
Bradley Street,	6.22
Pine Street,	1.16
Holly Street,	2.52
Summit Street,	11.75
Franklin Street,	12.51
Prospect Street,	19.00
Tahanto Street,	1.33
Badger Street,	36.61
Walker Street,	3.16
Highland Street,	25.00
Albin Street,	39.66
Pillsbury Street,	48.16
East of Main Street,	5.25
Tremont Street,	35.58
Rumford Street,	.75
Stone Street,	7.77
Ferry Street,	30.49

Total repairs,	\$301.67
Paid for flushing,	1,007.91
Paid for tools,	37.66
Paid for new work,	2,589.97

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 Total, \$3,937.21

Funds available,	\$10,022.34
Expended,	3,937.21
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Unexpended balance,	\$6,085.13

## Sewers built in the City Precinct to December 31, 1920:

6-inch Akron pipe,	3,088	feet.
8-inch Akron pipe,	25,657	"
10-inch Akron pipe,	55,870	"
12-inch Akron pipe,	38,879	"
12-inch cement pipe,	415	"
15-inch Akron pipe,	11,646	"
18-inch Akron pipe,	7,134	"
20-inch Akron pipe,	5,029	"
24-inch Akron pipe,	4,064	"
30-inch Akron pipe,	1,780.5	"
Brick, 12-inch x 14-inch,	2,758	"
14-inch x 22-inch,	350	"
16-inch x 24-inch,	1,848	"
20-inch x 32-inch,	2,527	"
24-inch x 36-inch,	17,937	"
Brick, 28-inch x 48-inch,	883	"
24-inch circular,	1,515.5	"
30-inch circular,	402	"
38-inch circular,	4,080	"
24-inch cast-iron,	1,576	"
30-inch cast-iron,	1,054.5	"
33-inch segmental block,	1,063	"
42-inch segmental block,	1,055	"
42-inch brick and concrete,	246	"
60-inch brick and concrete,	1,450	"
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Total,	192,307.5	feet.
Total miles in City Precinct, 36.241+.		

## WEST CONCORD PRECINCT.

There was expended in this precinct during the past season the following amounts:

Paid for flushing, labor,		\$51.00
teams,		12.44
		<hr/>
Total,		\$63.44
Appropriation,		\$125.00
Expended, overdraft 1919,	\$6.28	
Expended, 1920,	63.44	
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		69.72
		<hr/>
Balance on hand,		\$55.28

There has been built in this precinct, to date, the following:

8-inch Akron pipe sewer,	342 feet.
10-inch Akron pipe sewer,	7,210 "
12-inch Akron pipe sewer,	6,622 "
15-inch Akron pipe sewer,	2,155 "
20-inch Akron pipe sewer,	1,403 "
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Total,	17,732 feet.

Total miles in this precinct, 3.358+.

## SAINT PAUL'S SCHOOL PRECINCT.

No expenditures were made in this precinct during the past season, leaving the balance on hand the same as last year, viz: \$56.12.

The following pipe has been laid in this precinct to date:

6-inch Akron pipe,	3,008 feet.
8-inch Akron pipe,	448 "
10-inch Akron pipe,	2,868 "
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Total,	6,318 feet.

Total miles in this precinct, 1.196+.

## EAST CONCORD PRECINCT.

Appropriation,	\$200.00
Overdraft 1919,	62.14
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Balance,	\$137.86

There is laid in this precinct, to date, the following pipe:

10-inch Akron pipe,	1,766 feet.
Total miles in this precinct, 0.333+.	

## PENACOOK PRECINCT.

A short extension of the sewer in Center Street was laid the past season, which occasioned an overdraft of \$761.88.

The following sizes and amounts of pipe have been laid in this precinct to date:

6-inch Akron pipe,	160 feet.
8-inch Akron pipe,	7,083 "
10-inch Akron pipe,	8,976 "
10-inch cast-iron pipe,	76 "
12-inch Akron pipe,	4,124 "
15-inch Akron pipe,	2,263 "
18-inch Akron pipe,	2,437 "
24-inch Akron pipe,	726 "
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Total,	25,845 feet.
Total miles in this precinct, 4.894+.	

## MISCELLANEOUS.

A plan showing the section of Ward 1 covered by the petition for a sewer in West Main and Pine Streets was made for your board.

A set of 212 sheets, bound in loose leaf form, showing the location of catch-basins, stand-pipes and the valves controlling same, were made and delivered to the superintendent of streets.

The conditions existing last spring when we were covered deeply by snow, and much difficulty was found in locating catch-basins, will not occur in the future.

Maps of the city showing the sprinkling and garbage precincts, also maps showing snow plow routes were made for the street department.

Plans of the city stable and garage were made for the study of a heating plant to adequately serve these buildings.

The coal-tar sidewalks, laid and repaired, were measured monthly, and statements showing location, quantities and prices made and turned over to the departments or committees having the work in charge.

In company with one or both members of the committee on locating poles, I have attended to that duty, hearings and meetings of your board, and furnished such information from this department as called for.

For the co-operation of your board with this department, I wish to express my appreciation.

Respectfully submitted.

WILL B. HOWE,  
*City Engineer.*

## REPORT OF THE CITY CLERK.

FOR THE YEAR ENDING DECEMBER 31, 1920.

The undersigned herewith presents an account of the amount received from fees, licenses and other sources for the year ending December 31, 1920:

From fees of all kinds,	\$776.77
house rent, fire chief,	250.00
bowling alley and pool table licenses,	440.00
junk dealers licenses,	160.00
job team and passenger carriage licenses,	82.00
dog licenses,	1,538.22
county poor, Merrimack County,	15,016.44
dependent soldiers, Merrimack County,	1,192.98
land taken by state of New Hampshire for Camp Ground 1917,	135.00
state primary fees,	105.00
amount received from History Commis- sioner,	223.76
sale of wood at White's Park,	10.00
druggist's permits to sell liquor,	6.00
sale of histories and maps 1920,	51.75
bounty on wild cat,	5.00
sale of two buildings to Claus Johnson,	10.00
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	\$20,002.92

The foregoing amount has been paid into the city treasury.

Respectfully submitted,

ARTHUR E. ROBY,  
*City Clerk.*

## POOR DEPARTMENT.

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### FIFTY-THIRD ANNUAL REPORT OF THE OVERSEER OF THE POOR.

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FOR THE YEAR ENDING DECEMBER 31, 1920.

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*To the Board of Aldermen:*

The undersigned herewith submits the fifty-third annual report of expenditures for the poor, including Wards One and Two, for the year ending December 31, 1920:

CITY POOR.		
Appropriation,		\$3,000.00
Paid groceries,	\$218.38	
fuel,	238.93	
rents,	222.26	
care children,	697.65	
board and care,	1,369.00	
medicine,	30.50	
milk,	48.76	
shoes and clothing,	12.90	
miscellaneous,	8.00	
	<hr/>	\$2,846.38

COUNTY POOR.		
Paid groceries,	\$3,664.13	
milk,	337.65	
fuel,	2,707.26	
rents,	2,688.75	
care children,	2,987.83	
board and care,	2,064.00	
shoes and clothing,	423.69	

Paid burials,	\$50.00	
miscellaneous,	40.00	
transient account,	11.53	
	—————	\$14,974.84
Total amount paid for aid to poor,		\$17,821.22

## DEPENDENT SOLDIERS, COUNTY.

Paid groceries,	\$211.95	
fuel,	378.50	
rents,	177.00	
board and care,	317.00	
	—————	\$1,084.45

Respectfully submitted,

ARTHUR E. ROBY,  
*Overseer of the Poor.*

## REPORT OF TREE WARDEN.

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*To the Board of Aldermen:*

GENTLEMEN: I herewith submit the report of the tree warden for the year ending December 31, 1920.

With the appropriation of \$1,500 made in March and the \$1,000 appropriated later it was impossible to do any where near the amount of work on the trees for which there was a demand. No trimming was done except where very necessary and only the more dangerous trees were removed. No inspection for moth pests was made of the trees on private property or any notices sent as required by the state law. However some work was done on private property where requested and the money collected was deposited with the city treasurer. The total amount collected was \$222.25 of which \$200.22 was reappropriated to meet the deficiency in the appropriation leaving a balance of \$22.03 in the city treasury.

There were less brown-tail moth nests found than in previous years but the gypsy moth is still with us as well as the elm tree beetle. I do not think that they are increasing as in the past.

There has been a great call to have poplar trees removed especially at the south end of the city where they are causing property owners considerable trouble. There are a large number of old and dangerous trees that should be removed and new ones should be set out to take their place and a large amount of trimming is needed all over the city.

The amount appropriated for trees for a city the area of Concord and with so large a number of trees should be at least \$4,000. Cities of less size are expending more and if we wish to preserve the beauty which good shade trees give to any city and which I am sure add to the attractiveness of

ours there should be considerable done on them. At least the necessary work should be done each year on the old trees and new ones should be planted.

Respectfully submitted,

ALFRED CLARK,  
*Tree Warden.*

## REPORT OF SEALER OF WEIGHTS AND MEASURES.

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*To the Honorable Henry E. Chamberlain, Mayor of Concord:*

SIR: I have the honor to submit to you a report of the work done as city sealer since my appointment March 30, 1920.

I have found a ready co-operation with all those that I have had dealings with and the attitude of the average dealer is that he would welcome the sealer more than once a year for the satisfaction of knowing that his scales were correct.

I call attention to the small number of dry measures found; the merchants today finding it more satisfactory to sell all commodities by weight rather than measure.

Three complaints have been sworn out during the year. On one a conviction was secured, another is in the county solicitor's hands for service and the third, after a consultation of the defendant, the county solicitor and state commissioner of weights and measures, was not brought into court.

Beside the actual work of sealing and testing under the directions of the commissioner, a campaign of education is being conducted consisting of the distribution and display of conspicuous signs in public places and the distribution of pamphlets to the house-keeper.

I wish to thank your Honor for the many courtesies shown me and also Mr. Harold Webster, the commissioner, for the ever ready aid and encouragement received from his office.

Scales, all types,	251
Weights, avoirdupois,	511
Wagon bodies measured,	19
Gasoline pumps,	49

Liquid measures,	39
Dry measures,	19
Package re-weighings,	165
Coal re-weighings,	6
Wood re-measured,	9
Estimates on amount of coal in bins,	3
Capacity of ice-chests measured,	2
Barrels gauged,	2

J. P. FORSYTH,  
*City Sealer.*

## HEALTH DEPARTMENT.

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### REPORT OF THE BOARD OF HEALTH.

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*To the Board of Mayor and Aldermen:*

The Board of Health submits the following report for the year ending December 31, 1920. The organization of the board was as follows: Mayor Chamberlin, *ex officio*, chairman; Dr. Charles H. Cook, city physician, secretary, and Dr. Sibley G. Morrill, member. Mr. Charles E. Palmer served as sanitary officer. Regular meetings were held on the first Monday of each month at 4 o'clock p. m. These meetings were well attended and much interest was shown by the members in the matters presented for discussion. In the absence of emergencies the business transacted was largely of a routine nature. Members of the City Government and the general public should feel free to attend these meetings if interested in any matter pertaining to the public health.

The report of the sanitary officer to the Board of Health, which is herewith transmitted and made a part of this report, covers the ground so thoroughly and is so replete with detailed information concerning departmental activities as to make further comment almost needless.

However, we wish to call attention to that part of the report which refers to the lack of facilities for the proper care of small-pox or other pestilential diseases. We can think of nothing more forceful to say upon this subject than that which was said in our report for the year ending December 31, 1919, to which report you are respectfully referred. Realizing that something ought to be done to relieve the situation a conference of the hospital trustees, a committee from the City Government, the Board of Health and the sanitary officer was held last spring. At this

conference the whole matter was gone into at some length and various proposals were considered but definite action was deferred ostensibly on the ground of prohibitive cost of building. Here the matter rests and it is probable that no definite action will be taken until some emergency compels a definite and sharp realization of the city's needs in this regard. This is quite natural in view of the fact that cases of the nature in question are quite rare and that as a consequence any building devoted exclusively to handling of such would be practically an unused structure. If not devoted entirely to the care of such cases, in other words, if it was used part of the time for other cases, it might not be instantly available when needed and we should be no better off than we are now. It is a rather vexing problem and it would seem that it is one that could best be solved as a county problem rather than as a municipal one.

You will note there were over 800 cases of measles during the year with no deaths. There were, however, 3 deaths from pneumonia reported with measles given as a contributory cause. It is probable, also, that other deaths resulted indirectly from an attack of this disease. It is known, furthermore, that troubles of a serious nature are prone to follow even a mild attack of this exanthem. Thus suppuration of the middle ear often involving the mastoid cells is not uncommon and various ocular and nervous manifestations are met with from time to time. The above considerations among others that could be given should tend to discourage those parents and others who believe that a child should be exposed to measles so as to "have them over with." On the contrary the greatest care should be exercised at all times against exposing children, and adults for that matter, to infection of this nature. Measles is a serious disease and should be treated with the consideration due any disease fraught with such harmful possibilities.

#### WATER SUPPLY.

Concord is very fortunate in having a plentiful supply of pure water delivered to consumers largely by gravitation.

Penacook Lake or Long Pond is a beautiful body of water fed largely by springs. The catchment is remarkably free from possible sources of pollution. The gradual acquisition of the land around the shore and the inforestation of the same will serve to insure posterity a copious and clean supply of water. As pointed out in former reports of this board it may become advisable sometime in the future to install a chlorination plant for the purpose of taking care of any chance pollution.

#### TUBERCULOSIS IN CATTLE.

The question of bovine tuberculosis has been rather forcefully presented to the public through the newspapers and in other ways during the past year. At the time this is being written the question is receiving considerable attention in the state legislature, it being proposed to appropriate rather large sums for carrying on the work and for partly compensating owners for cattle killed. This board is now and has been for years very much interested in this matter and ready and anxious to cooperate in all ways that give reasonable promise of tending to free our meat and milk supply from this source of contamination.

However, it is thought that the present state of our knowledge with respect to this question is so incomplete and unclarified as to make it impossible to map out a proper course of action and inadvisable to expend large sums of money at this time. There can be no question about the advisability of destroying all cattle that are obviously tubercular or that can be demonstrated to be tubercular by the ordinary means of physical diagnosis. This is particularly true in the so-called open forms and still more particularly where the lacteal organs are known to be involved. When, however, it is proposed to destroy a herd of valuable cattle that has every appearance of health because the individuals composing the herd have shown a positive reaction to the tuberculin test we believe it advisable to make haste slowly as the authorities seem to differ as to the advisability or necessity of such a course of action. We do

not intend to raise the question as to whether we are justified in requiring that all cattle be tuberculin tested in view of the opinion held by some apparently good authorities that this procedure sometimes serves to make active latent tuberculosis thus appearing to introduce an active form of the disease where it was non-existent before the test was made. However this may be, there are some high authorities who go so far as to maintain that human tuberculosis is never caused by the ingestion of bovine tubercle bacilli. Others maintain that human infection may result from exposure to bovine tuberculosis but that such infection will be of a mild type and would serve to confer subsequent immunity to an attack of human tuberculosis!

We shall await with interest further developments in the hope that some of these conflicting opinions may be brought into harmony and a rational course of procedure suggested for the guidance of health officials.

Respectfully submitted,

HENRY E. CHAMBERLIN, *Mayor*,  
S. G. MORRILL,  
CHAS. H. COOK,

*Board of Health.*

**REPORT OF THE SANITARY OFFICER.**

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*To the Board of Health:*

GENTLEMEN: Herewith is submitted the report of the sanitary officer for the year ending December 31, 1920.

There were 485 deaths during the past year, 31 more than in 1919, myocarditis and pneumonia each claiming 51 or 14.56 per cent with the exclusion of the stillbirths. This was the largest number of deaths from any one cause. Estimating the population at 23,000 and excluding the non-resident deaths, 180, and the stillbirths, 19, the death-rate is 12.43 per cent. There were 271 deaths at the six public institutions and 214 in the nine wards of the city.

During the epidemic of influenza and continuing through 1919 there was almost no contagious disease, therefore it is not surprising that measles were again in evidence; the number reported was 805 with no deaths. There were 39 cases of scarlet fever, 13 cases of diphtheria, 1 death resulting, and 11 cases of typhoid fever with 3 deaths. Practically all of the cases of typhoid were traced back and the patients were found to have been taken sick while in some other locality.

Concord is more fortunate than most cities of its size in health facilities but it is again necessary to call the attention of the public to the fact that we are at present without an isolation hospital of any description for small-pox. Should there be a case of small-pox reported the Board of Health would be obliged to hold it regardless of its location.

There has been a tuberculosis clinic with a nurse in charge opened by the New Hampshire Tuberculosis Association which is under the supervision of the board and the total number of cases examined since the middle of August, when it was opened, is 190. This fills a long felt need and much benefit should be derived from it.

After the war there was an intensive campaign against venereal disease which has met with more favor each year, as the first duty was to educate the public. The advance

along these lines has been very marked during the year; the doctors have coöperated in reporting cases and in the latter part of November a clinic was organized under the direction of Dr. Weaver, Federal Officer of Venereal Disease Control for New Hampshire and the local Board of Health. During the month the clinic has been in operation 50 patients were examined and those requiring it were placed under treatment.

For the past two years the privilege of keeping a pig has been allowed by the board but complaints of abuse of this privilege necessitated a new ruling and by vote of the board, citizens were allowed to keep one pig, if the pen was 100 feet from any house and kept in a clean, sanitary condition. Since enforcing this rule I have had very few complaints from this source.

The care of the milk supply has been a very interesting feature of my work this year. Out of the 129 milk farms I have visited, 106 were in very good sanitary condition, 19 were fair and 4 were poor, the barns were dirty and the cows needed cleaning which I requested done at once. From the 82 samples of milk I collected from the various producers and had examined at the State Laboratory, 54 were above the minimum required standard of the state. There has been a great improvement in the milk supply over that of last year. Most of the producers have made special effort to have their milk clean and of good quality. The board voted to publish, every two months, the findings afforded by the examination at the State Laboratory of all samples of milk, thereby giving the public an opportunity to know the quality of milk they are using.

There have been the usual number of complaints and nuisances to be inspected and disposed of. These came chiefly from dead animals, odors from pigs, stables and rubbish, unsanitary plumbing, refuse and ashes in yards and general conditions of premises. By inspecting the alleyways in the rear of the business blocks weekly any accumulation of rubbish has been avoided.

Although there has been practically no building going on in Concord there were 61 plumbing permits issued and 99 inspections made.

The city water supply at Long Pond has been inspected regularly and I have found it to be in most excellent condition. Analysis shows the water to be of the usual fine quality.

The appropriation for the year was \$4,300 and the total expenditures were \$4,175.33 leaving a balance of \$124.67. In the care of contagious disease \$571.69 was expended; most cases requiring assistance by this department during quarantine were cared for at the Foster Ward, Margaret Pillsbury Hospital. One hundred and seventy-seven dollars was received from milk license fees and \$4.35 from fumigation.

The following tables show in detail the work of the department:

FINANCIAL STATEMENT OF THE BOARD OF HEALTH FOR THE  
YEAR ENDING DECEMBER 31, 1920.

APPROPRIATION.

Salary, sanitary officer,	\$2,000.00
Upkeep of automobile,	300.00
Fumigation supplies,	100.00
Contagious diseases,	700.00
Incidental expenses,	1,200.00
	<hr/>
Total,	\$4,300.00

EXPENDITURES.

Salary, sanitary officer,	\$1,924.95
Upkeep of automobile,	300.00
Fumigation supplies,	135.30
Contagious diseases,	571.69
Incidental expenses,	1,243.39
Balance,	124.67
	<hr/>
Total,	\$4,300.00

## RECEIPTS FOR THE YEAR 1920.

Milk license fees,	\$177.00
Sale of fumigation supplies,	4.35
Total,	\$181.35

## CONTAGIOUS DISEASES.

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

MONTHS.	Diphtheria.		Influenza.		Measles.		Ophthalmia neonatorum.		Scarlet fever.		Tuberculosis.		Typhoid fever.		Venereal diseases.		Whooping cough.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January..	2	...	...	...	54	..	2	...	8	...	1	2	1	..	..	..	1	...
February..	...	...	1	1	79	...	...	...	1	...	1	1	...	...	2	..	...	...
March....	..	...	...	...	94	...	...	...	5	...	..	..	..	..	3	..	3	...
April....	2	...	...	...	134	...	...	...	2	...	1	2	..	..	6	..	1	...
May.....	2	...	...	...	200	...	...	...	13	..	1	1	1	..	3	..	..	...
June.....	...	...	...	...	150	...	...	...	...	...	2	1	..	..	3	..	...	...
July.....	2	...	...	...	34	...	...	...	...	...	1	...	..	..	5	..	...	...
August...	2	...	...	...	1	..	..	..	3	...	7	2	1	..	4	..	2	...
September	...	...	...	...	...	...	...	...	2	...	2	2	4	3	8	...	...	...
October...	1	..	...	...	2	...	..	..	1	...	2	1	2	..	4	..	...	...
November	...	...	...	...	56	...	...	...	2	...	3	1	2	..	12	..	2	...
December	2	...	...	...	1	...	...	...	1	...	2	2	..	..	9	..	...	...
Total	13	...	1	1	805	...	2	...	38	...	23	15	11	3	59	..	9	...

## COMPARATIVE TABLE.

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

YEARS.	Ophthalmia neonatorum.		Whooping cough.		Infantile paralysis.		Diphtheria.		Scarlet fever.		Typhoid fever.		Measles.		Small-pox.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1890.	...	...	...	...	...	...	6	2	9	...	17	5	6	..	..	..	38	7
1891.	...	..	...	...	...	...	12	3	7	...	14	6	2	...	...	...	35	9
1892.	...	...	...	...	...	...	13	3	37	3	7	1	2	...	...	...	59	7
1893.	...	...	...	...	...	...	48	7	41	...	13	2	300	...	...	...	402	9
1894.	...	...	...	...	...	...	17	3	113	6	13	3	21	..	...	...	164	12
1895.	...	...	...	...	...	...	35	8	44	8	21	3	158	...	...	...	258	19
1896.	...	...	...	...	...	...	55	8	4	...	15	5	452	...	...	...	526	13
1897.	...	...	...	...	...	...	13	1	22	1	17	2	138	...	..	...	190	4
1898.	...	...	...	...	...	...	4	..	8	...	8	4	126	...	..	..	146	4
1899.	...	...	...	...	...	...	9	5	99	1	14	1	299	...	...	...	421	7
1900.	...	...	...	...	...	...	29	5	39	...	18	1	476	1	...	...	562	7
1901.	...	...	...	...	...	...	65	5	11	...	13	3	40	...	1	1	130	9
1902.	...	...	...	...	...	...	29	2	6	...	23	3	27	...	2	...	87	5
1903.	...	...	...	...	...	...	42	4	39	...	17	3	582	4	2	...	682	11
1904.	...	...	...	...	...	...	55	3	18	..	12	1	31	...	..	...	116	4
1905.	...	...	...	...	...	...	15	1	80	...	23	..	181	1	...	...	299	5
1906.	...	...	...	...	...	...	14	2	27	...	32	3	101	1	1	...	175	6
1907.	...	...	...	...	...	...	63	2	26	1	11	...	118	...	...	...	218	3
1908.	...	...	...	...	...	...	44	4	7	...	6	1	100	...	...	...	157	5
1909.	...	...	...	...	...	...	131	6	23	...	28	4	1168	1	...	...	1350	11
1910.	...	...	...	...	...	...	30	1	10	1	16	...	143	...	...	...	199	2
1911.	...	...	...	...	...	...	51	2	8	1	10	3	26	...	...	...	95	6
1912.	...	...	...	...	2	1	17	1	7	...	15	4	321	2	...	...	362	8
1913.	...	...	...	...	5	1	33	3	28	...	10	1	687	...	...	...	763	5
1914.	...	...	...	...	3	...	30	...	28	...	7	2	6	...	...	...	74	2
1915.	1	...	25	1	...	...	21	..	26	..	8	1	9	...	4	...	94	2
1916.	...	...	5	1	1	1	54	3	18	...	8	1	382	...	...	...	468	7
1917.	...	...	5	...	...	...	138	3	47	...	5	...	414	...	...	...	610	3
1918.	1	...	49	...	...	...	22	3	12	...	10	...	112	1	...	...	206	4
1919.	...	...	48	...	...	...	28	...	33	...	12	2	7	...	...	...	128	2
1920.	2	...	9	...	1	...	13	1	38	...	1	3	805	...	...	...	879	4

## DEATHS REPORTED BY WARDS AND PUBLIC INSTITUTIONS.

Ward 1,	34
Ward 2,	6
Ward 3,	10
Ward 4,	31
Ward 5,	31
Ward 6,	27
Ward 7,	43
Ward 8,	13
Ward 9,	19
New Hampshire State Hospital,	147
Margaret Pillsbury General Hospital,	79
New Hampshire Memorial Hospital,	35
New Hampshire Odd Fellows' Home,	5
New Hampshire Centennial Home for the Aged,	4
New Hampshire State Prison,	1

## DEATHS REPORTED BY AGE.

*Under 1 year,	42
From 1 to 5 years,	11
From 5 to 10 years,	4
From 10 to 15 years,	10
From 15 to 20 years,	4
From 20 to 30 years,	22
From 30 to 40 years,	30
From 40 to 50 years,	51
From 50 to 60 years,	50
From 60 to 70 years,	99
From 70 to 80 years,	90
From 80 to 90 years,	61
From 90 to 100 years,	11

Total number of deaths,	485
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\*Including 19 stillbirths.

## DEATHS DURING 1920 BY SEX, CONDITION AND NATIVITY.

Sex:	
Males,	248
Females,	237
Condition:	
Married,	190
Single,	137
Widowed,	136
Divorced,	12
Not stated,	10
Nativity:	
Concord,	96
New Hampshire,	171
Other states,	109
Foreign,	96
Not stated,	13

CAUSES OF DEATH FOR THE YEAR ENDING  
DECEMBER 31, 1920.

<i>Causes.</i>	<i>No. of Deaths.</i>
Abscess,	2
Accident, automobile,	5
burns,	1
drowning,	2
electrocution,	1
hit by locomotive,	2
poisoning,	2
shooting,	1
Acidosis,	1
Alcoholism,	1
Anemia, pernicious,	2
Angina pectoris,	9
Aortis insufficiency,	1
Apoplexy,	18
Appendicitis,	2

Arthritis deformas,	1
Asphyxia neonatorum,	1
Asthma,	1
Atelectasis,	2
Autointoxication intestinal,	1
Birth, injury of,	1
Bright's disease,	1
Bronchitis,	7
Burns,	1
Cancer,	3
breast,	5
duodenum,	1
face,	2
intestines,	1
lips,	1
liver,	3
lungs,	1
neck,	1
peritoneum,	1
stomach,	2
uterus,	5
Cardio-renal,	1
Congestion of kidney,	1
Convulsions,	1
Croup,	1
Cystitis,	1
Dementia,	1
senile,	1
Diabetes,	4
mellitus,	2
Diarrhea and enteritis,	2
Diphtheria,	1
Dysentery,	2
Edema of lungs,	1
Embolism,	1
pulmonary,	1
Empyema,	2
Encephalitis,	1

Endocarditis,	4
Enteritis gastro,	1
Epilepsy,	4
Erysipelas,	7
Foremen ovale, nonclosure of,	1
Fracture,	1
skull,	3
Gangrene,	3
senile,	2
Heart, disease of,	34
Hemiplegia,	1
Hemorrhage, cerebral,	25
pulmonary,	1
umbilical,	1
Hernia, strangulated,	1
Hysterectomy,	1
Inanition,	1
Influenza,	2
Injury from delivery,	1
Intestinal obstruction,	3
La Grippe,	2
Leukaemia,	1
Liver, cirrhosis of,	2
Lymphatic leuchaemia,	1
Mania,	8
Meningitis, acute,	2
infected,	1
Mitral insufficiency,	1
regurgitation,	3
Myasthenia gravis,	1
Myelitis,	1
Myocarditis,	51
Nephritis,	9
diffuse,	1
interstitial,	7
parenchymatous,	3
Paralysis of insane,	1
not insane,	1

Paresis,	21
Pericarditis,	2
Peritonitis,	4
appendicitis,	2
Pleurisy,	1
Pneumonia,	10
broncho,	14
croupous,	2
hypostatic,	4
lobar,	21
Prostate hypertrophy,	1
Premature birth,	8
Psychosis,	2
Pyelitis,	1
Pyephebitis,	1
Ptomaine poison,	1
Sclerosis-arterio,	21
Senility,	3
Septic absorption,	1
Septicemia,	6
Strangulation, intestinal,	1
Stillborn,	19
Stomach, dilatation of,	1
Suicide, illuminating gas,	1
shooting,	1
Surgical shock,	2
Tabes dorsalis,	1
Tetanus,	1
Thrombosis cerebral,	3
Tuberculosis,	
intestinal,	1
miliary,	1
pulmonary,	13
Typhoid fever,	3
Uraemia,	2
	<hr/>
Total,	485

Total number of deaths for the year 1920, 485, compared with 454 in 1919.

Average death-rate for the year 1920, 12.43, compared with 12.81 in 1919.

Total number of births for the year 1920, 428, compared with 350 in 1919.

Total number of marriages for the year 1920, 255, compared with 212 in 1919.

REPORT OF MILK EXAMINATIONS AND INSPECTION  
OF MILK FARMS.

Number of milk examinations made,	82
Number of examinations above standard,	54
Number of milk farms and milk rooms inspected,	129
Conditions good,	106
Conditions fair,	19
Conditions poor,	4
Improvements suggested,	23

SUMMARY.

Visits made to contagious diseases,	1,889
Burial permits issued,	614
Burial permits issued for interment of bodies brought here,	129
Transit permits issued,	207
Number of persons to whom milk licenses were issued,	221
Number of persons to whom garbage licenses were issued,	43
Number of reports of contagious disease sent to State Board of Health,	52
Number of reports sent to the surgeon-general, Public Health and Marine Hospital Service,	52
Number of samples of water and ice collected for analysis,	12
Number of nuisances, complaints and inspections,	174
Number of rooms, etc., fumigated,	207
Number of plumbing permits granted,	61

Number of inspections of plumbing,	99
Number of sewers connected,	18
Number of barber shops inspected,	15
Number of public halls inspected,	20
Number of restaurants and bakeries inspected,	10
Number of school buildings inspected,	20

I wish to express my thanks to the Mayor and the other members of the Board of Health, the Aldermen and all the city officials for their coöperation with me in the work of this department during the past year.

Respectfully submitted,

CHAS. E. PALMER,  
*Sanitary Officer.*

## REPORT OF BOARD OF EXAMINERS OF PLUMBERS.

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CONCORD, N. H., December 31, 1920.

*To the Board of Aldermen:*

The twenty-first annual report of this board is herewith submitted.

The membership of the board is as follows: Wilfred W. Brennan, a registered journeyman plumber, Charles H. Cook, M.D., and Will B. Howe, city engineer.

Mr. Brennan is chairman of the board and Will B. Howe, clerk.

One application for a master plumber's license was received, the applicant examined and licensed. Two applications for journeymen's licenses were received and the applicants examined and licensed.

Three meetings were held for examinations during the year.

Licenses and certificates were issued to the parties named on the attached list. This list shows the date of payment, amount paid, the date of issue, the date of examinations, and the class of license issued to those registered.

The total receipts of the board were \$27.50, for which amount the clerk of the board holds receipts of the city treasurer.

The total expenditure for all purposes was \$5.47.

PLUMBERS' LICENSES AND CERTIFICATES ISSUED AND RENEWED DURING 1920.

NAME.	License number.	Certificate number.	Class of plumber.	Date of renewal.	Date of expiration.	Fee.	Examination.
Brennan, Wilfred W.	71		Journeyman	March 22, 1920	March 31, 1921	\$0.50	
Brown, Arthur W.	70		Master	April 16, "	"	.50	
Bishop, William J.	27		"	April 3, "	"	.50	
Bateman, Charles W.	3		Journeyman	March 15, "	"	.50	
Bunten, Arthur W.	20		Master	" 27, "	"	.50	
Bean, W. Arthur.		1	"	" 16, "	"	.50	
Babb, Elmer E.	13		Journeyman	April 16, "	"	.50	
Berry, Charles H.	82	3	Master	April 6, "	"	.50	
Clark, Philip W.	34		Journeyman	July 9, "	"	1.00	December 13, 1920
Conlon, William H.	83		Journeyman	March 16, "	"	.50	March 4, 1920
Converse, Frederic F.	4		Master	July 16, "	"	.50	
Cherrier, Louis J.	23		"	" 16, "	"	.50	
Clifford, Mary Ellen.		14	"	" 24, "	"	.50	
Carlton, Walter A.	32		Journeyman	May 24, "	"	.50	
Dane, Nelson.	79		Master	March 15, "	"	.50	
Donovan, Edward F.	18		Journeyman	March 25, "	"	.50	
Donovan, Franklin F.	81		Master	April 9, "	"	.50	
Edgeworth, Edward F.	30		"	March 24, "	"	.50	
Fahey, John L.	28		Journeyman	April 23, "	"	.50	
Farrar, Merton D.	63		"	March 30, "	"	.50	
Griffin, C. Nelson	62		Master	April 23, "	"	.50	
Holland, Thomas H.	76		Journeyman	April 23, "	"	.50	
Hood, Seth R.		2	Master	March 30, "	"	.50	
Johns, William.	74		Master	April 6, "	"	.50	
Johnson, Thomas.	26		Journeyman	March 30, "	"	.50	
Keane, Robert F., Jr.	84		Master	April 29, "	"	1.00	September 4, 1920
Keenan, John C.	15		Journeyman	March 31, "	"	.50	
Kennedy, Harry H.		11	Master	April 29, "	"	.50	
Laure, Victor T.		12	"	" 29, "	"	.50	
Leary, P. H. D.	78		Master	April 1, "	"	.50	
Lee, Michael J.		10	"	April 3, "	"	.50	
Lee, William A.		4	Journeyman	March 10, "	"	.50	
Lamre, Aleard J.	64		Journeyman	March 10, "	"	.50	

EXAMINERS OF PLUMBERS.

Lee, Richard J.	16	6	Master	April 1, 1920	March 31, 1921	.50
Morgan, Manley W.	80	.....	Journeyman	August 2, "	"	.50
McGowan, John W.	69	.....	Master	March 23, "	"	.50
McDonald, Frank E.	2	.....	"	" 15, "	"	.50
Nichols, G. Arthur	29	.....	"	" 31, "	"	.50
O'Brien, Richard	24	5	"	April 1, "	"	.50
Orr, Benjamin H.	.....	.....	"	April 12, "	"	.50
Parmenter, Harris S.	.....	3	"	March 18, "	"	.50
Robbins, Willis H.	52	.....	Journeyman	" 25, "	"	.50
Robinson, Arthur W.	33	.....	Master	April 8, "	"	.50
Robinson, George E.	11	.....	"	March 16, "	"	.50
Roberts, Albert E.	31	.....	"	" 18, "	"	.50
Small, George L.	11	.....	Journeyman	April 1, "	"	.50
Smith, John C.	59	.....	"	March 31, "	"	.50
Stanley, William H.	60	.....	Master	" 16, "	"	.50
Sread, Clarence J.	7	11	"	April 1, "	"	.50
Trotter, William	.....	.....	"	March 25, "	"	.50
Trask, A. S.	.....	.....	"	"	"	.50
Total	.....	.....	.....	.....	.....	\$27.50

Respectfully submitted,

WILFRED W. BRENNAN,  
 CHAS. H. COOK, M. D.,  
 WILL B. HOWE,  
*Board of Examiners of Plumbers.*

## REPORT OF THE CITY PHYSICIAN.

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*To the Board of Mayor and Aldermen:*

Following is the report of the city physician for the year ending December 31, 1920:

Number of house calls, city poor,	96
Number of office calls, city poor,	45
Number of house calls, Board of Health,	15
Number of office calls, Board of Health,	27
Vaccinations and examinations for same,	123
Number of calls at police station,	17
Number of school children inspected,	110

The city physician is an ex officio member of the Board of Health and has served as its secretary during the last year as he has for many years in the past.

Respectfully submitted,

CHAS. H. COOK,  
*City Physician.*

## REPORT OF THE CITY SOLICITOR.

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CONCORD, N. H., January 24, 1921.

*To the Board of Aldermen:*

I herewith submit to the board my tenth annual report relative to legal matters in which the city has been interested during the past year.

*Mabel G. Tyrrell v. Concord* was an action brought for the death of a horse which was alleged to have gone through a culvert on the Canterbury Road. This case has been settled for \$50 without costs.

*Irving J. Sargent v. Concord* was an action brought for the death of a horse caused by said horse breaking through a bridge in the Snaftown District. This case likewise has been settled for \$50 without costs.

*Annie Ford v. Concord*, a claim for \$3,000, for damages to lands and buildings has been settled for \$250.

I have attended the trial of the Gas Company consolidation case at the direction of the board. Through the kindness of the Public Service Commission, I was enabled to work with their engineers and with their expert, Mr. Hubbell. The hearings were finished before my term of office expired and the case is now awaiting decision by the Public Service Commission.

The Concord Street Railway rate case was a petition for increase of fares. While there was no expert assigned to this case by the Public Service Commission, their regular engineers worked on it and I was given access to the files of the Commission and to the work of the Commission's said engineers. Hearings were held by the Commission which I attended at the direction of the board. The hearings in this case have likewise been terminated and the matter is now before the board for decision. Meanwhile

the proposed increase in fares has been suspended pending a decision of the case.

*Leon F. Savoy v. Concord* is a petition to the Superior Court for leave to file a statement of claim for damages alleged to have been caused by injuries received on one of the highways of the city.

*Philippe St. Pierre v. Concord* is a suit claiming \$1,000 damages for the destruction of an automobile alleged to have gone over an embankment, due to a defective railing. This case will be in order at the next April term.

*DeWitt C. Howe, Executor of Estate of Mary A. Norris v. Concord, Herbert G. Sargent, Thomas W. Cragg* is an action for the death of Mary A. Norris alleged to have been caused by the joint negligence of the city and the two other defendants on the main highway near Penacook. Damages in the sum of \$10,000 are asked in this case and the case is returnable at the next April term.

*St. Mary's School for Girls v. Concord* is a petition for abatement of taxes assessed upon real estate of the school corporation and is returnable at the next April term.

In closing, I desire to express my appreciation of the uniform courteous treatment received by me from the various members of the board, and in fact from the members of all the boards I have served during the period since July, 1910. My one recommendation would be that the salary of the office be increased so that the city solitor will not feel that he is using valuable time for inadequate pay. In view of the responsibilities a solicitor must assume in the many important matters arising, in which the city is vitally interested, it is my opinion that with the present day scale of prices, the salary provided for this office is inadequate, and it was solely for that reason that I was not a candidate for re-election.

Respectfully submitted,

ALEXANDER MURCHIE,  
*Solicitor.*