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REPORT
OF THE
CITY AUDITOR

OF THE
RECEIPTS AND EXPENDITURES

OF THE
CITY OF BOSTON AND THE COUNTY OF SUFFOLK,
COMMONWEALTH OF MASSACHUSETTS

FOR THE FINANCIAL YEAR

1904-1905

FEBRUARY 1, 1904, TO JANUARY 31, 1905

(BOTH INCLUDED)

CITY DOCUMENT No. 4

Compliments of

J. Alfred Mitchell,

City Auditor.

1905

CITY INCOME.

Fire Department.

Heating Dover-street bath-house,	\$6,295 38
Licenses to sell fireworks and powder,	1,094 00
Sales of old material, etc.,	464 46
Damage to property,	116 28
Rents,	40 00

8,010 12

CITY PAYMENTS.

Fire Department.

Salaries to January 26, 1905,
inclusive:

Henry S. Russell, Commis- sioner,	\$4,986 28	
B. F. Underhill, Jr., Secretary,	2,493 40	
William T. Cheswell, Chief Engineer,	3,490 24	
Assistant and District Chiefs,	26,475 70	
Members of the various en- gine, hook-and-ladder and hose companies,	872,024 48	
Pensioners,	68,130 84	
Clerks and messenger in office,	5,833 88	
Extra service men,	1,229 58	
		\$984,664 40

Horses:

Hay, grain, and straw,	\$48,483 59	
Shoeing,	21,838 96	
Purchase and exchange of,	10,065 60	
Attendants at hospital, medi- cine, etc.,	7,271 17	
Horse-hire,	7,184 00	
Harnesses and repairs,	5,837 17	
		100,680 49

Repairs of apparatus, includ-
ing stock sent to repair-shop:

Mechanics,	\$25,936 19	
Materials, etc.,	38,558 44	
		64,494 63

Fuel, for houses and engines,	40,565 40
Repairs and alterations of houses,	17,352 14
Hose, pipes and repairs,	15,147 57

New apparatus:

Two engines,	\$8,507 97	
Combination ladder truck,	1,750 00	
Two hose wagons,	1,173 46	
Two District Chief's wagons,	440 00	
Supply wagon,	175 00	
Life net,	65 00	
Landing pad,	10 00	
		12,121 43

Tools and supplies,	11,629 61
Electric lighting,	9,819 14

Furniture and bedding,	\$3,512 06
Washing,	3,737 04

	7,249 10
Rents,	4,985 16
Gas,	2,333 69
Medical services,	1,482 68
Hats, badges, buttons and belts,	1,451 91
Printing,	1,264 32
Ice,	1,176 00
Chemicals,	1,115 26

Carried forward,

\$1,277,532 93 \$7,459,961 72

<i>Brought forward,</i>	\$1,277,532 93	\$7,459,961 72
Stationery,	616 36	
Janitor at headquarters,	602 40	
Advertising,	359 43	
Expenses of detailed men,	208 75	
Damages,	170 87	
Freights and small items,	144 37	
Reservoirs and hydrants,	91 30	
Rent of gas regulators,	72 00	

\$1,279,798 41

FIRE-ALARM TELEGRAPH.

Salaries: Brown S.

Flanders, Superin-

tendent, \$3,190 72

Operators, repair-

ers, etc., 34,827 17

\$38,017 89

Wire, cables, and conduits, 6,895 28

Repairs and alterations, 3,474 73

Instruments, tools, and repairs, 3,191 34

Electric power, 1,214 32

Telephone service, 696 25

Electric light and gas for

clocks, 340 84

Horse-keeping, 318 75

Car fares and travelling ex-

penses, 231 05

Maps and plans, 109 95

Trimming trees, 68 00

Repairs of clocks, 26 15

54,584 55

1,334,382 96

PAYMENTS FOR PENSIONS, Etc.

	Fire Department.
1872-73.....	
1873-74.....	
1874-75.....	
1875-76.....	
1876-77.....	
1877-78.....	
1878-79.....	
1879-80.....	
1880-81.....	
1881-82.....	
1882-83.....	
1883-84.....	
1884-85.....	\$595 50
1885-86.....	1,775 00
1886-87.....	1,905 00
1887-88.....	1,992 86
1888-89.....	3,641 28
1889-90.....	8,175 02
1890-91.....	12,348 05
1891-92.....	10,360 42
1892-93.....	13,524 89
1893-94.....	23,415 48
1894-95.....	27,951 99
1895-96.....	33,263 92
1896-97.....	34,901 28
1897-98.....	38,960 72
1898-99.....	44,319 14
1899-1900.....	47,062 78
1900-01.....	48,625 48
1901-02.....	53,879 47
1902-03.....	64,478 63
1903-04.....	64,800 29
1904-05.....	68,130 84
	\$604,108 04

CITY PROPERTY.

FIRE DEPARTMENT.

The following property is in charge of the Fire Commissioner:

ENGINE-HOUSES.

	LOCATION.	No. of feet in lot.	Remarks.
No. 1.....	Dorchester st.....	8,167	Municipal Court, Ward-room 15, in this building.
2.....	O and Fourth sts.....	4,000	
3.....	Bristol st. and Harrison av.	4,000	Ladder 3 in this building.
4.....	Bulfinch st.....	6,098	Chemical Engine 1, Lancers' Armory, and water-tower in this building.
5.....	Marion st.....	1,647	
6.....	Leverett st.....	2,269	
7.....	East st.....	1,893	
8.....	Salem st.....	2,568	
9.....	Paris st.....	4,720	Ladder 2 in this building.
10.....	River st.	1,886	
11.....	Saratoga and Byron sts....	10,000	Combination Co. 4 in this b'ld'g.
12.....	Dudley st.....	7,320	
13.....	Cabot st.....	4,832	
14.....	Centre st.	5,713	
15.....	Dorchester av., S. Boston..	2,803	
16.....	River st., Dorchester.....	12,736	Ladder 6 in this building.
17.....	Meeting House Hill.....	9,450	Ladder-house 7 on this lot.
18.....	Harvard st., Dorchester...	9,440	
19.....	Norfolk st., "	7,683	
20.....	Walnut st., "	9,000	Combination Co. 11 in this b'ld'g.
21.....	Columbia road, "	10,341	
22.....	Warren av.....	7,500	Ladder 13 in this building.
23.....	Northampton st.	3,445	
24.....	Warren and Quincy sts....	4,126	
25.....	Fort Hill sq.....	4,175	Ladders 8 and 14 in this b'ld'g.
26-35...	Mason st.....	5,623	
27.....	Elm st., Charlestown.	2,600	
28.....	Centre st., W. Roxbury....	10,377	Ladder 10 in this building.
29.....	Chestnut Hill av.....	14,358	Ladder 11 in this building.
30.....	Centre st., W. Roxbury....	12,251	Combination Co. 9 in this b'ld'g.
32.....	Bunker Hill st.....	8,188	
33.....	Boylston and Hereford sts.	5,646	Ladder 15 in this building.
34.....	Western av.	4,637	
36.....	Monument st.....	5,668	Combination Co. 5 in this b'ld'g.
37.....	Longwood and Brookline avs.....	5,231	Combination Co. 10 in this b'ld'g.
38-39...	Congress st., South Boston,	4,000	
40.....	Sumner st., East Boston...	4,010	
41.....	Harvard av., Brighton	6,112	Chemical Engine 6 in this b'ld'g.
42.....	Washington st., Egleston sq.....	3,848	Chemical Engine 5 in this b'ld'g.
43.....	Andrew sq.....	5,138	Combination Co. 3 in this b'ld'g.
45.....	In Ladder-house 16		

	LOCATION.	No. of feet in lot.	Remarks.
CHEMICAL ENGINE-HOUSES			
No. 2.....	Church st.....	3,412	
4.....	Shawmut av.....	889	
7.....	Saratoga st.	9,300	
8.....	B st.....	1,804	
10.....	Eustis st.....	1,790	

COMBINATION-HOUSES.

	LOCATION.	No. of feet in lot.	Remarks.
No. 1.....	Dorchester av., Ashmont..	4,875	
2.....	Fourth st.....	3,101	
6.....	Washington st., Dorchester,	6,875	
7.....	Winthrop st., Charlestown,	3,000	Armory in building.
8.....	North Grove st.....	3,918	

HOOK-AND-LADDER-HOUSES.

	LOCATION.	No. of feet in lot.	Remarks.
No. 1.....	Friend st.....	1,676	
2.....	Paris st.....		See Engine-house 9.
3.....	Harrison av.....		See Engine-house 3.
4.....	Dudley st.....	3,923	
5.....	Fourth st.....		See Engine-house 1.
6.....	River st., Dorchester.....		See Engine-house 16.
7.....	Meeting House Hill.....		See Engine-house 17.
8-14...	Fort Hill sq.....		See Engine-house 25.
9.....	Main st.....	4,290	Chemical 9 in this building.
10.....	Centre st., West Roxbury..		See Engine-house 28.
11.....	Chestnut Hill av.....		See Engine-house 29.
12.....	Tremont st.....	4,311	Chemical 12 in this building.
13.....	Warren av.....		See Engine-house 22.
15.....	Boylston, cor. Hereford st.,		Engine 33 in this building.
16.....	Roslindale.....	14,729	Engine 45 in this building.
17.....	Harrison av.....	2,134	
18.....	Pittsburgh st.....	8,964	

MISCELLANEOUS.

	LOCATION.	No. of feet in lot.	Remarks.
Repair-shop.....	Bristol st. }		
Fire Dept. Headquarters...	Bristol st. }	23,679	
Fuel-house.....	Salem st.....	417	
Fuel-house.....	Main st.....	2,430	
Fuel-house.....	Dorchester st.....	1,610	
Fuel-house.....	Washington st.....	1,007	

STEAM FIRE-ENGINES. — Forty-three in service, located as follows: Twelve in City proper, four in East Boston, six in South Boston, five in Roxbury, six in Dorchester, three in Charlestown, four in West Roxbury and three in Brighton.

FIRE-BOAT. — One in service, located India Wharf.

HORSE HOSE-WAGONS. — Forty-three in service, located as follows: Twelve in City proper, four in East Boston, six in South Boston, five in Roxbury, six in Dorchester, three in Charlestown, four in West Roxbury and three in Brighton.

HOOK-AND-LADDER CARRIAGES. — Eighteen in service, including five extension ladder trucks, located as follows: Seven in City proper, one in East Boston, two in Roxbury, two in South Boston, two in Dorchester, one in Charlestown, two in West Roxbury and one in Brighton.

COMBINATION TRUCKS. — Nine in service, located as follows: One in City proper, one in East Boston, one in Roxbury, two in South Boston, one in Charlestown, two in Dorchester and one in West Roxbury.

COMBINATION WAGONS. — Two in service, located as follows: One in Dorchester, one in Charlestown.

CHEMICAL ENGINES. — Ten in service, self-acting, located as follows: Three in the City proper, one in East Boston, one in Charlestown, one in South Boston, two in Roxbury, one in West Roxbury and one in Brighton.

WATER-TOWERS. — Three in service, two located in City proper and one in South Boston.

PORTABLE EXTINGUISHERS. — Carried on all of the ladder trucks and hose carriages, and located in the department houses.

HORSES. — Three hundred ninety.

VETERINARY HOSPITAL. — Atkinson street, on lot containing 64,442 square feet.

FUEL-WAGONS. — Thirty-nine, each capable of conveying about two tons.

WAGONS. — Eighteen for Chief of Department and District Chiefs (fourteen in service and four in reserve).

PUNGS. — Fifty-one, forty-three for carrying hose, two for jobbing, three for salting hydrants and three for Fire-alarm branch. District Chiefs' sleighs, seven.

FIRE-LADDERS. — Three hundred ten of different sizes.

HOSE. — One hundred eight thousand one hundred feet of leading and 1,262 feet of suction.

SPARE APPARATUS. — Eleven steam fire-engines, five hose-wagons, four hook-and-ladder carriages, four chemical engines and one fire-boat.

RESERVOIRS. — Two hundred five, of which twelve are located in East Boston, eighteen in South Boston, thirty-eight in Roxbury, eight in Dorchester, thirty-nine in Charlestown, fifteen in West Roxbury, one in Brighton and the balance in the different wards of the City proper. They contain from 15,000 to 55,000 gallons each.

REPAIR-SHOP. — In the repair-shop, one 25-horse power steam-engine, cylinder 9 by 31 inches, Putnam Machine Company; one 26-inch by 26-inch iron planer, 8-ft. table, 12-ft. bed; two 14-inch swing engine lathes, 6-ft. bed; one 14-inch swing engine lathe, 10-ft. bed; one No. 2 upright drill, four blacksmiths' forges, one furnace for heating tires, one 28-inch swing standard engine-lathe, one 14-inch speed lathe, 5-ft. bed; one 14-inch swing patent engine-lathe, 5-ft. bed; one 25-inch shaping machine, one 68-inch radial drill, one duplex and one Blake pump for feeding boilers, one Knowles triplex pump for testing hose, one patent goose-neck belt drill, one band-saw, one circular saw, one Monarch boring machine, together with numerous smaller tools and appliances, and also tools for repairing hose and harness.

Three upright tubular boilers, 100-horse power.

Two dynamos for lighting and fire-alarm, one tire upsetter in the blacksmith-shop, one No. 2 Blake pump in the hose and harness-shop, for testing hose.

HYDRANTS. — For supplying water in case of fire there are 7,615 public and 253 private hydrants, viz.: In the City proper 1,525, in South Boston 688, in East Boston 449, in Roxbury 1,807, in Dorchester 1,871, in West Roxbury 1,115, in Brighton 597, in Charlestown 366. There are also 48 hydrants in addition to the above, located as follows: On Deer Island 19, on Long Island 6, on Thompson's Island 2, on Gallop's Island 2, on Rainsford Island 5, Quincy 12, Brookline 2. The public hydrants are located at a distance of 250 to 300 feet from each other.

FIRE-ALARM BRANCH.

Telegraphic Fire-alarm Plant, the estimated value of which is \$190,000.

BELLS OWNED BY THE CITY.

LOCATION.	Material.	Weight in lbs.
<i>City Proper.</i>		
Berkeley Temple, Berkeley street	Composition.	2,941
Chapman School-house, stored by Public Buildings Department	Steel.	3,109
Faneull Hall	"	5,186
<i>Charlestown.</i>		
Bunker Hill School-house	Composition.	2,009
City Hall	"	3,600
Warren School-house	"	3,000
Winthrop (old) School-house, taken down and stored by Public Buildings Department	"	3,000
Van Nostrand's Brewery	"	818
<i>East Boston.</i>		
Adams School-house, Sumner street ..	Steel.	2,995
Princeton-street School-house	Composition.	2,470
Saratoga-street M. E. Church	Steel.	1,968
Trinity Church, Trenton street	Composition.	1,760
<i>South Boston.</i>		
Engine-house No. 1, Dorchester street	Composition.	2,911
Lawrence School-house, B street	Steel.	3,400
Lincoln School-house, Broadway	Composition.	3,110
Ticknor School-house, Dorchester street, taken down and stored by School Department	Steel.	2,995
<i>Dorchester.</i>		
Engine-house No. 16, Temple street	Composition.	4,149
Engine-house No. 17, Meeting House Hill	"	4,000
Engine-house No. 18, Harvard street	"	3,184
Engine-house No. 19, Mattapan	"	2,927
Engine house No. 20, Walnut street	"	3,061
Engine-house No. 21, Boston street	"	3,026
<i>Roxbury.</i>		
Hook-and-Ladder house No. 4, Dudley street	Composition.	3,509
Lewis School-house	"	3,104
Smith-street School-house ..	"	4,083
<i>West Roxbury.</i>		
Engine-house No. 28, Centre street	Composition.	4,000
Engine-house No. 30, Mt. Vernon street (old)	Steel.	1,000
Engine-house No. 45, Roslindale	Composition.	1,059
<i>Brighton.</i>		
Engine-house No. 29, Chestnut Hill avenue	Steel.	1,535
Engine-house No. 34, Western avenue ..	Composition.	1,501
Engine-house No. 41, Allston	"	800

PUBLIC CLOCKS.

City Proper. — Christ Church, Salem street; Odd Fellows' Hall, Tremont street; Old South Church; Suffolk County Jail; State-street

clock; St. Stephen's Church, Hanover street; Tremont-street M. E. Church; Young Men's Christian Union Building.

South Boston. — Gaston School-house, Lincoln School-house, Phillips Church, St. Augustine's Church, and one, formerly on Ticknor School-house, stored by School Department.

East Boston. — London-street Church, Lyceum Hall, Trinity Church, and Orient Heights Church.

Roxbury. — Winthrop-street Church; Boston Elevated Railroad house, Columbus avenue; Roxbury High School-house.

Dorchester. — Tileston School-house; Baker Memorial Church, Upham's Corner.

Charlestown. — City Hall and High School-house.

Brighton. — Bennett School-house.

Jamaica Plain. — Unitarian Church.

Roslindale. — Congregational Church.

West Roxbury. — South Evangelical Church.

TRUST FUNDS.

BOSTON FIREMEN'S RELIEF FUND.

By Chapter 107 of the Acts of 1880, the Mayor of the City of Boston for the time being (and his successors in office), the Fire Commissioner of the City of Boston for the time being (and his successors in office), were constituted a body corporate for the purpose of receiving and holding all sums of money, and real and personal estate, not exceeding in the aggregate two hundred thousand dollars, which may be given, granted, bequeathed, or devised to it for the benefit of members of the Boston Fire Department, or their families, requiring assistance, or for the benefit of any persons, or the families of any persons, who have been such members, requiring assistance. The property so held shall be known as the Boston Firemen's Relief Fund. The said body corporate shall have authority to manage and dispose of the same and the income thereof according to their best discretion, subject to the provisions of any and all trusts which may be created for the purposes aforesaid.

In accordance with the provisions of the foregoing act, the following-named persons, viz., the Mayor, Patrick A. Collins, Fire Commissioner Henry S. Russell, now constitute the Board of Trustees; Patrick A. Collins, Mayor, President; Henry S. Russell, Treasurer; Michael J. Lafferty, Secretary.

The following was the condition of the fund, January 31, 1905:

Eleven City of Boston Three and one-half per cent. Bonds .	\$79,000 00
Twelve City of Boston Four per cent Bonds	88,000 00
Eight Chicago, Burlington & Quincy R.R., Nebraska Division, Four per cent. Bonds	8,000 00
Cash on hand	9,927 51
Total	<u>\$184,927 51</u>