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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

1907-1908

FEBRUARY 1, 1907, TO JANUARY 31, 1908

(BOTH INCLUDED.)

CITY DOCUMENT No. 4

Compliments of

J. Alfred Mitchell,

City Auditor.

1908

CITY INCOME.

Fire Department.

Heating Dover-street bath-house,	\$7,500 00	
Damages to engine-house, East Boston, by reason of abolition of grade crossing,	1,291 75	
Licenses to sell fireworks and powder,	912 00	
Sales of old material, etc.,	486 43	
Sale of three horses,	400 00	
Sale of automobile,	175 00	
Sale of badges,	54 00	
Rents,	24 00	
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		10,843 18

Fitzgerald Firemen's Gold Medal Fund.

Income,	30 00
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CITY PAYMENTS.

Fire Department.

Salaries to January 23, 1908, inclusive :

Benjamin W. Wells, Commis- sioner,	\$4,986 28	
B. F. Underhill, Jr., Secretary,	2,493 40	
John A. Mullen, Chief En- gineer,	3,988 92	
Assistant and District Chiefs,	27,904 72	
Members of the various en- gine, hook-and-ladder and hose companies,	975,001 02	
Pensioners,	88,479 16	
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<i>Carried forward,</i>	\$1,102,853 50	<hr/>
		\$9,476,463 54

<i>Brought forward,</i>	\$1,102,853 50		\$9,476,463 54
Clerks and messenger in office,	7,083 74		
Extra service men,	396 00		
		\$1,110,333 24	
Horses :			
Hay, grain and straw,	\$51,650 22		
Shoeing,	23,689 34		
Purchase and exchange of,	16,121 05		
Attendants at hospital, medicine, etc.,	8,205 13		
Harnesses and repairs,	5,841 69		
Horse-hire,	5,355 75		
		110,863 18	
Repairs of apparatus, including stock sent to repair shop:			
Mechanics,	\$29,158 19		
Materials, etc.,	39,451 75		
		68,609 94	
Fuel for houses and engines,		43,356 77	
Tools and supplies,		21,313 83	
Repairs and alterations of houses,		18,424 68	
New apparatus :			
Three engines,	\$13,116 57		
Two automobiles,	3,450 00		
Sixty-two extinguishers,	1,358 00		
		17,924 57	
Hose, pipes and repairs,		13,282 64	
Electric lighting,		12,620 30	
Furniture and bedding,	\$8,402 87		
Washing,	4,077 75		
		12,480 62	
Rents,		7,787 50	
Printing,		2,010 04	
Medical services,		1,979 96	
Gas,		1,730 16	
Chemicals,		1,224 52	
Stationery,		957 42	
Hats, badges, buttons and belts,		683 86	
Janitor at headquarters,		602 40	
Ice,		504 25	
Installing stock and cost system,		200 00	
Travelling expenses,		112 30	
Damages,		80 18	
Rent of gas regulators,		72 00	
Reservoirs and hydrants,		67 09	
Freights,		60 56	
Old Home Week parade,		54 50	
Expenses of detailed men,		52 70	
Refreshments,		39 45	
Advertising,		14 00	
		\$1,447,442 66	
FIRE-ALARM TELEGRAPH.			
Salaries: Brown S.			
Flanders, Superintendent,	\$3,190 72		
Operators, repairers, etc.,	45,148 01		
	\$48,338 73		
Repairs and alterations,	4,479 92		
Instruments, tools and repairs,	3,753 84		
<i>Carried forward,</i>	\$56,572 49	\$1,447,442 66	\$9,476,463 54

<i>Brought forward,</i>	\$56,572 49	\$1,447,442 66	\$9,476,463 54
Wire, cables and conduits,	2,611 66		
Electric power,	1,754 80		
Telephone service,	1,355 70		
Use of duct in East Boston Tunnel,	337 77		
Car fares and travelling expenses,	335 93		
Maps and plans,	323 60		
Horse-keeping,	318 10		
Electric light and gas for clocks,	269 40		
Repairs of clocks,	1 75		
		63,881 20	
		<u>\$1,511,323 86</u>	

ENGINE 6 HOUSE, ADDITION.

Payments on account.

Contractors, M. F. McDonald & Son, \$3,221 50

ENGINE 7 HOUSE, ADDITION.

Payments on account.

Contractors:

Carpentry, M. F. McDonald & Son, \$1,143 86

Roofing, Hugh Mealey, 250 00

\$1,393 86

LADDER 1 HOUSE, REBUILDING.

Payments on account.

Contractor, John J. Flynn, \$2,000 00

NEW FIRE BOAT.

Payments on account.

Architect, William T. Keough, \$1,856 98

RECAPITULATION.

Fire Department,	\$1,511,323 86
\$75.07 of this amount drawn for but not paid.	
Engine 6 house, addition,	3,221 50
Engine 7 house, addition,	1,393 86
Ladder 1 house, rebuilding,	2,000 00
New fire boat,	1,856 98
	<u>1,519,796 20</u>

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 street.....	8,167	Municipal Court, Ward-room 15, in this building.
2.....	O and Fourth streets.....	4,000	
3.....	Bristol st. and Harrison av.	4,000	Ladder 3 in this building.
4.....	Bulfinch street.....	6,098	Chemical Engine 1, Lancers' Armory and water-tower in this building.
5.....	Marion street.	1,647	
6.....	Leverett street.....	2,269	
7.....	East street.	1,893	
8.....	Salem street.....	2,568	
9.....	Paris street.....	4,720	Ladder 2 in this building.
10.....	River street....	1,886	
11... ..	Saratoga and Byron sts....	10,000	Ladder 21 in this building.
12.....	Dudley street.....	7,320	
13.....	Cabot street.....	4,832	
14.....	Centre street....	5,713	
15.....	Dorchester av., S. Boston..	2,803	
16.....	River street, 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	Ladder 27 in this building.
21.....	Columbia road "	10,341	
22.....	Warren avenue.....	7,500	Ladder 13 in this building.
23.....	Northampton street.	3,445	
24.....	Warren and Quincy sts....	4,186	
25.....	Fort Hill square	4,175	Ladders 8 and 14 in this building.
26-35..	Mason street.....	5,623	
27.....	Elm street, Charlestown....	2,600	
28.....	Centre st., W. Roxbury ...	10,377	Ladder 10 in this building.
29.....	Chestnut Hill avenue.....	14,358	Ladder 11 in this building.
30.....	Centre st., W. Roxbury	12,251	Ladder 25 in this building.
32.....	Bunker Hill street.....	8,188	
33.....	Boylston and Hereford streets.....	5,646	Ladder 15 in this building.

ENGINE-HOUSES. — *Concluded.*

	LOCATION.	No. of feet in lot.	Remarks.
No. 34.....	Western avenue.....	4,637	
36.....	Monument street.....	5,668	Ladder 22 in this building.
37.....	Longwood and Brookline avenues.....	5,231	Ladder 26 in this building.
38-39...	Congress st., South Boston,	4,000	
40.....	Summer st., East Boston...	4,010	
41.....	Harvard av., Brighton.....	6,112	Chemical Engine 6 in this b'ld'g.
42.....	Washington st., Egleston square..	3,848	Chemical Engine 5 in this b'ld'g.
43.....	Andrew square	5,133	Ladder 20 in this building.
45.....	In Ladder-house 16.		
46.....	Dorchester av., Ashmont..	4,875	
CHEMICAL ENGINE-HOUSES			
2.....	Church street.....	3,412	
3.....	Winthrop st., Charlestown.	3,000	Armory in this building.
4.....	Shawmut avenue.....	889	
7.....	Saratoga street.....	9,300	
8.....	B street.....	1,804	
10.....	Eustis street.....	1,790	

HOOK-AND-LADDER HOUSES

No. 1.....	Friend street.....	1,676	See Engine-house 9.
2.....	Paris street.....		See Engine-house 3.
3.....	Harrison avenue.....		
4.....	Dudley street.....	3,923	
5.....	Fourth street.....		See Engine-house 1.
6.....	River street, Dorchester...		See Engine-house 16.
7.....	Meeting House Hill.....		See Engine-house 17.
8-14...	Fort Hill square.....		See Engine-house 25.
9.....	Main street.....	4,290	Chemical 9 in this building.
10.....	Centre st., West Roxbury..		See Engine-house 28.
11.....	Chestnut Hill avenue		See Engine-house 29.
12.....	Tremont street.....	4,311	Chemical 12 in this building.
13.....	Warren avenue.....		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 avenue.....	2,134	
18.....	Pittsburgh street.....	8,964	Tower 3 in this building.
19.....	Fourth street.....	3,101	
23.....	Washington st., Dorchester,	6,875	
24.....	North Grove street.....	3,918	

MISCELLANEOUS.

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

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

FIRE-BOAT. — One in service, located at Central Wharf.

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

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

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

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-eight.

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 (fifteen in service and three in reserve).

PUNGS. — Forty-eight; thirty-nine for carrying hose, three for jobbing, three for salting hydrants and three for Fire-alarm Branch. District Chiefs' sleighs, seven.

FOUR AUTOMOBILES.

FIRE-LADDERS. — Three hundred twenty-three of different sizes.

HOSE. — One hundred three thousand two hundred ninety feet of leading and one thousand six hundred sixty-one feet of suction.

SPARE APPARATUS. — Seven steam fire-engines, six hose-wagons, seven 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; one buzz planer; 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 boring machine, one sewing machine, one hose-expander machine, one upsetting 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, one grinder, one bolt cutter, one combination tool, shears and punch, 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.

HYDRANTS. — For supplying water in case of fire there are 7,837 public and 291 private hydrants, viz.: In the City proper 1,476, in South Boston 597, in East Boston 429, in Roxbury 1,317, in Dorchester 1,926, in West Roxbury 1,155, in Brighton 603, in Charlestown 334. There are also 48 hydrants in addition to the above, located as follows: On Deer Island 20, on Long Island 7, 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
Faneuil Hall.....	"	5,186
<i>Charlestown.</i>		
Bunker Hill School-house.....	Composition.	2,009
City Hall.....	"	3,600
Warren School-house.....	"	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
<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>		
Ladder-house No. 4, Dudley street.....	Composition.	3,509
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. — Court House, Christ Church, Salem street, Odd Fellows' Hall, Tremont street, Old South Church, Old State House, Suffolk County Jail, 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.

* All public clocks formerly in care of this Department were turned over to Public Buildings Department, May 20, 1907.

Charlestown. — City Hall and High School-house

Brighton. — Bennett School-house.

Jamaica Plain. — Unitarian Church.

Roslindale. — Congregational Church.

West Roxbury. — South Evangelical Church.

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 (amended to four hundred thousand dollars, by Chapter 170 of the Acts of 1906), 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 acts, the following named persons, viz., the Mayor, George A. Hibbard, and Fire Commissioner Samuel D. Parker, now constitute the Board of Trustees; George A. Hibbard, Mayor, President; Samuel D. Parker, Treasurer; Michael J. Lafferty, Secretary.

The following was the condition of the fund, January 31, 1908:

Fourteen City of Boston Three and one-half per cent. Bonds	\$102,000 00
Thirteen City of Boston Four per cent. Bonds	94,000 00
Eight Chicago, Burlington & Quincy R.R., Nebraska Division, Four per cent. Bonds	8,000 00
Cash on hand	992 87
Total	<u>\$204,992 87</u>

FITZGERALD FIREMEN'S GOLD MEDAL FUND.

Bequest of JOHN E. FITZGERALD, the income to be collected by the City Treasurer and paid annually to the Fire Commissioner, to be used yearly in buying a gold medal to be presented to the fireman who, in the judgment of the Fire Commissioner, had performed the most meritorious act, and whose conduct has called for special mention.

Invested in one registered certificate of indebtedness of the Commonwealth of Massachusetts, due January 1, 1941, interest at Three per cent. per annum	<u>\$1,000 00</u>
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