

AUDITOR OF ACCOUNTS'
ANNUAL REPORT

OF THE

RECEIPTS AND EXPENDITURES

OF THE

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

FOR THE FINANCIAL YEAR

1876-77.

(No. 65 OF THE SERIES.)

MAY 1, 1876, TO APRIL 30, 1877.

(BOTH INCLUDED.)

CITY DOCUMENT No. 52.



BOSTON:
ROCKWELL AND CHURCHILL, CITY PRINTERS,
No. 39 ARCH STREET.
1877.

FIRE DEPARTMENT.

The following property is in the charge of the Board of Commissioners of the Fire Department:—

ENGINE HOUSES.

No.	Location.	No. of feet in lot.	Remarks.
1	Dorchester street	5,698	Addition built, 1874. Municipal Court, S. Boston, armory and two classes Bigelow School, in building.
2	Fourth street	3,101	Remodelled, 1870.
3	Bristol street and Harrison ave.	4,000	Hook & Ladder No. 3 in this building.
4	Bulfinch street	6,098	Chemical Engine No. 1, and Lancers' Armory in this building.
5	Marion street	1,647	
6	Wall street	1,372	
7	East street	1,893	
8	Salem street	2,568	
9	Paris street	4,000	
10	River street	1,886	
11	Sumner street	4,010	Remodelled, 1870. Hook & Ladder No. 2 in this building.
12	Cor. Winslow and Dudley sts. .	3,923	
13	Cabot street	4,305	
14	Centre street	5,627	Remodelled, 1870.
15	Dorchester avenue	2,843	
16	River street, Dorchester Dist. .	12,736	Hook & Ladder No. 6 in this building,
17	Meeting House Hill	
18	Harvard street	10,225	Old Engine-house on this lot.
19	Norfolk street	7,683	
20	Walnut street, Dorchester Dist.	9,000	
21	Boston street	9,355	'
22	Dartmouth street	4,463	
23	Northampton street	3,445	
24	Corner Warren and Quincy sts.	4,186	
25	Fort Hill square	4,175	Hook & Ladder No. 8 in this building.
26	Mason street	6,385	Altered from School-house.
27	Elm street, Charlestown Dist. .	2,600	Armory in building.
28	Centre, street, West Roxbury District	10,377	Hook & Ladder No. 10 in this building.
29	Chestnut Hill avenue, Brighton District	14,356	Hook & Ladder No. 11 in this building.
	Poplar street, cor. Washington, West Roxbury District . . .	14,729	Occupied by Chemical Engine No. 4.
	Washington street, between Atherton and Beethoven . . .	3,848	" " " " 5.
	Harvard avenue, near Cambridge street, Brighton Dist. .	6,112	" " " " 6.
	Mount Vernon street, West Roxbury District	16,276	" " " " 7.
	Centre street, near Highland station, West Roxbury Dist.	1,682	

HOSE HOUSES.

No.	Location.	No. of feet in lot.	Remarks.
2	Main street, Charlestown Dist.	1,592	Armory in building.
3	Winthrop street "	5,230	
4	Bunker Hill street, cor. Tufts st., Charlestown District	
5	Shawmut avenue	889	
6	Chelsea street	1,346	See Bunker Hill st. School-house.
7	Tremont street	4,350	
8	North Grove street	3,918	
9	B street	1,804	
10	Washington Village	1,610	Bell tower erected in 1873.
12	Cor. of O and Fourth streets . .	4,000	
	Cor. Longwood and Brookline avenues	5,400	
	Church street	3,412	

HOOK AND LADDER HOUSES.

No.	Location.	No. of feet in lot.	Remarks.
1	Friend street	1,676	Hose No. 1 in this building. Formerly occupied by Hook & Ladder No. 3, now used as a repair shop. Formerly occupied by Hook & Ladder No. 4.
4	Dudley street	7,161	
5	Fourth street	2,469	
7	Meeting House Hill	
9	Main street, Charlestown Dist.	2,430	
	Harrison avenue	3,765	
	Eustis street	760	

Fuel House, Salem street, 417 feet of land.

" " Washington street, near Dover, 1,007 feet of land.

STEAM FIRE ENGINES. — Twenty-nine, located as follows, viz.: nine in city proper; three in East Boston; three in South Boston; five in Roxbury District; six in Dorchester District; and one each in Charlestown, West Roxbury and Brighton Districts.

FIRE BOAT. — One, located north side Central wharf.

HORSE HOSE CARRIAGES. — Thirty, located as follows, viz.: twelve in city proper; two in East Boston; three in South Boston; four in Roxbury District; two in Dorchester District; five in Charlestown District; one in West Roxbury District; and one in Brighton District; seventeen of which are located in engine-houses.

HOOK AND LADDER CARRIAGES. — Eleven, located as follows, viz.: three in city proper; one in East Boston; one in Roxbury District; one in South Boston; two in Dorchester District; and one each in Charlestown, West Roxbury and Brighton Districts.

CHEMICAL ENGINES. — Seven self-acting, located as follows: two in the city proper; one in Roxbury District; three in West-Roxbury District; and one in Brighton District.

PORTABLE EXTINGUISHERS. — Carried on four of the Hook and Ladder Carriages.

HORSES. — One hundred and thirty-seven.

FUEL WAGONS. — One fuel wagon kept at the old Hose-house, on Salem street; one at Engine-house No. 25, Fort Hill square; one at Engine-house No. 11, on Sumner street, East Boston; one at Engine-house No. 13, on Cabot street, Roxbury District; one at Engine-house No. 16, Lower Mills, Dorchester District; one at Engine-house No. 21, Upham's corner, Dorchester District; one at coal depot No. 2, Washington near Dover street; one at Hook and Ladder House No. 5, South Boston; one at Engine-house No. 19, Mattapan, Dorchester District; one at Engine-house No. 20, Neponset, Dorchester District; one at Engine-house No. 4, Bulfinch street; one at Engine-house No. 23, Northampton street; one at Engine-house No. 18, Harvard street, Dorchester District; one at Engine-house No. 24, Warren street, Roxbury District; one at Engine-house No. 27, Charlestown District; and one at Engine-house No. 28, West Roxbury District; each capable of conveying about two tons, to be used in case of large fires, when more fuel is needed than is carried on the engines.

WAGONS. — Six engineers', four supply (two in service and two in reserve), one commissioners' buggy.

PUNGS. — Thirty-five; thirty-three for carrying hose, and two for jobbing. Engineers' sleighs, five.

FIRE LADDERS. — Two hundred and eighty-two of different sizes, one Skinner Ladder Truck, with four ladders. One aerial ladder and seven patent Bangor ladders.

HOSE. — About 76,000 feet of leading, and 1,000 feet suction.

SPARE APPARATUS. — Four Steam Fire Engines, and three unserviceable; one Small Hose jumper at Deer Island and 850 feet cotton Hose; also one Hose Carriage in Engine-house No. 25, and one at Apparatus Repair Shop, Harrison avenue, with 450 feet hose; one at old Hook and Ladder House, Enslis street; one Hand Hose Carriage at Engine-house No. 8, Salem street; one Hand Engine at West Roxbury District, also one Hand Engine and one Chemical Engine at the House of Hose 7, Tremont street.

RESERVOIRS. — Two hundred and forty-six, of which thirteen are located at East Boston, eighteen at South Boston, forty-one in Roxbury District; eleven in the Dorchester District; thirty-eight in Charlestown District; twenty-four in West Roxbury District; three in Brighton District, and the balance in the different wards of the city proper. They contain from 15,000 to 55,000 gallons each, and are supplied with the Cochituate and Mystic water, except in West Roxbury and Brighton Districts.

REPAIR SHOP. — In the repair shop, one 15-horse power steam-engine, cylinder, 9 by 31 inches, Putnam Machine Co.; one 20-horse power upright tubular boiler; one 26-inch by 26-inch iron planer, 8-ft. table, 12-ft. bed; one 24-inch swing engine lathe, 10-ft. bed; one 16-inch swing engine lathe, 9½-ft. bed; two 14-inch swing engine lathes, 6-ft. bed; one 13-inch swing hand lathe, 7½-ft. bed; one 13-inch swing hand lathe, 9-ft. bed; one No. 2

upright drill ; one Sturtevant Pressure Blower ; three blacksmith's forges ; one furnace for heating tires, together with numerous smaller tools and appliances, and also tools for repairing hose and harness.

THE ENGINES, HOSE, HATS, AXES, LADDERS and all the other apparatus used by the Fire Department, are owned by the city, and are under the care and control of the Board of Fire Commissioners.

HYDRANTS. — For supplying water in cases of fire, 4,029, viz. : in the city proper, 1,282 ; in South Boston, 474 ; in East Boston, 285 ; in Roxbury District, 761 ; in Dorchester District, 608 ; West Roxbury District, 246 ; Brighton District, 174 ; in Charlestown District, 188 ; and 16 on Deer Island. The hydrants are located at an average distance of 250 feet from each other.

TELEGRAPHIC FIRE ALARM.

Magnetic Fire-Alarm Apparatus, the whole cost of which is over \$100,000. Working lines of wire, about 250 miles ; Signal Boxes in use, 244 ; Striking Machines, 50 ; Large Gongs, 52 ; Small Gongs, 42 ; Tappers, 56 ; Vibrators, 17 ; Clocks — one electric watch clock ; two repeating three dial clocks for striking signals ; Magneto-Electric Machine, for striking bells, 1, loaned to Tufts College ; Relay Magnets, 15 ; Ten Pen Register, 1 ; Office Bells, 17 ; Telegraph Keys, 18 ; Dial instruments, 16 ; 13 Sounders and Keys, in charge of District Engineers.

STOCK AND FURNITURE. — 1 switch board ; 1 large galvanometer, for spare and local battery ; 15 small do., for signal batteries ; 2 portable rheotropes ; 1 chronometer ; 1 set telegraphic apparatus in Superintendent's house ; 5 sets telegraphic apparatus in assistants' houses ; 1 set alarm apparatus in use in West Roxbury ; 1 repeating instrument, 1 small switch board from Charlestown ; 851 cups, battery in use ; 1,200 lbs. sulphate of copper ; 200 lbs. zinc ; 300 battery coppers ; 100 lbs. sulphate of zinc ; brackets, wire insulators, etc. ; office furniture, bedsteads, bedding and sundry other articles.

BELLS.

Faneuil Hall, steel, 6,816 lbs.

Boylston market, corner Washington and Boylston streets, composition, 529 lbs.

Boylston School-house, Washington, near Dover street, composition, 818 lbs.

Castle-street Church, corner Washington and Castle streets, composition, 1760 lbs.

Saratoga street M. E. Church, East Boston, steel, 1,968 lbs.

Adams School-house, Sumner street, East Boston, steel, 2,995 lbs.

Chapman School-house, Eutaw street, East Boston, steel, 3,309½ lbs.

Dean School-house, Wall street, composition, 712 lbs.

Hose No. 12, South Boston, composition, 800.

Princeton street School-house, East Boston, composition, 2,470 lbs.

Everett School-house, Northampton street, composition, 1,501 lbs.

Franklin place School-house, corner Tremont street and Franklin place, Roxbury District, composition, 2,958 lbs.

George street School-house, Roxbury District, composition, 4,160 lbs.

Lawrence School-house, B street, South Boston, steel, 3,400 lbs.

Lewis School-house, Dale street, Roxbury District, composition, 3,104 lbs.

Engine-house No. 29, Chestnut Hill avenue, Brighton District, steel, 1,535 lbs.

Chemical Engine-house No. 6, Harvard avenue, Brighton District, composition, about 400 lbs.

Lincoln School-house, Broadway, South Boston, composition, 3,110 lbs.

Quincy School-house, Tyler street, composition, 2,941 lbs.

Rice School-house, Appleton street, composition, 3,042 lbs.

Sharp School-house, Anderson, corner Pinckney street, composition, 900 lbs.

Smith street School-house, Roxbury District, composition, 4,083 lbs.

Andrew School-house, Dorchester street, Washington Village, steel, 2,995 lbs.

Wells School-house, Blossom street, composition, 1,675 lbs.

Engine-house No. 1, Dorchester street, South Boston, composition, 2,911 lbs.

Engine-house No. 11, Orleans, corner of Sumner street, East Boston, composition, 817 lbs.

Engine-house No. 12, Warren street, Roxbury District, composition, 3,509 lbs.

Engine-house No. 16, Temple street, Dorchester District, composition, 4,149 lbs.

Engine-house No. 17, Meeting House Hill, Dorchester District, composition, 4,000 lbs.

Engine-house No. 18, Harvard street, Dorchester District, composition, 3,184 lbs.

Engine-house No. 19, Mattapan, Dorchester District, composition, 2,927 lbs.

Engine-house No. 20, Walnut street, Dorchester District, composition, 3,061 lbs.

Engine-house No. 21, Boston street, Dorchester District, composition, 3,026 lbs.

Hancock School-house, Parmenter street, composition, 4,090 lbs.

Repair Shop, corner of Harrison avenue and Wareham street, steel, 1,000 lbs.

City Hall, Charlestown District, composition, 5,600 lbs.

Rubber Factory, Charlestown District, composition, 999 lbs.

Bunker Hill School-house, Charlestown District, 2,009 lbs.

Warren School-house, Charlestown District, composition, 3,000 lbs.

Frothingham School-house, Charlestown District, composition,
3,000 lbs.

Engine-house, Centre street, West Roxbury District, composition.

PUBLIC CLOCKS.

Old South Church, Washington street, corner Milk.

Old State House, State street.

Lynde-street Church, corner Lynde and Cambridge streets.

Suffolk County Jail, corner Cambridge and Charles streets.

Andrew School-house, South Boston.

Gaston School-house, South Boston.

Charles-street Church.

Tremont M. E. Church, corner Tremont and Concord streets.

Christ Church, Salem street.

Lincoln School-house, Broadway, South Boston.

Phillips Church, Broadway, South Boston.

Bigelow School-house, corner Fourth and E streets, South Boston.

Methodist Church, Winthrop street, Roxbury District.

Odd Fellows' Building, Tremont street.

Boston Young Men's Christian Union Building, Boylston street.

St. Stephen's Church, corner of Hanover and Clark streets.

Dudley street, Roxbury District.

Warren-street M. E. Church, Roxbury District.

Metropolitan Stables, Tremont street, Roxbury District.

City Hall, Charlestown District.

High School, Charlestown District.

Bennett School-house, Brighton District.

Orthodox Church, West Roxbury District.

CITY COLLECTOR'S ACCOUNT. — *Continued.*

Cr.

1877.	<i>Brought forward</i>				\$1,350,411 69
April 30	Evergreen Cemetery.				
	Sale of Lots.....			\$800 00	
	" Graves.....			130 00	
	Care of Lots..... 35			322 00	
					1,252 00
	Fort Hill Improvement.				
	Betterments:—				
	Purchase Street.....		\$700 00		
	Sturgis ".....		200 00		
				900 00	
	Instalments on Bonds.....		4,716 11		
	Interest on do..... 36		1,690 20		
				6,406 31	
	Foster Street, Old Ward 19.				7,306 31
	Betterments.....			158 33	
	Interest on do..... 37			7 91	
					166 24
	Fire Department.				
	Sale of Old Horses.....			274 40	
	" " Engines.....			1,452 25	
	" " Material.....			97 01	
	" Manure.....			675 00	
	Loan of Hose.....			18 50	
	Service of Steamers.....			626 25	
	Rent of Hose House No. 6.....		137 50		
	" Engine House No. 2,				
	Church Street.....		150 00		
	" Engine House, No. 6, All-				
	ston Street.....		183 37		
	" Engine House No. 3, Long-				
	wood.....		166 70		
	" Engine House No. 5, Eg-				
	leston Square.....		183 36		
	" Chemical Engine House.				
	No. 7..... 38		91 69		
				862 62	
	Fire Alarm Telegraph.				4,006 03
	Sale of old Wire..... 39				18 50