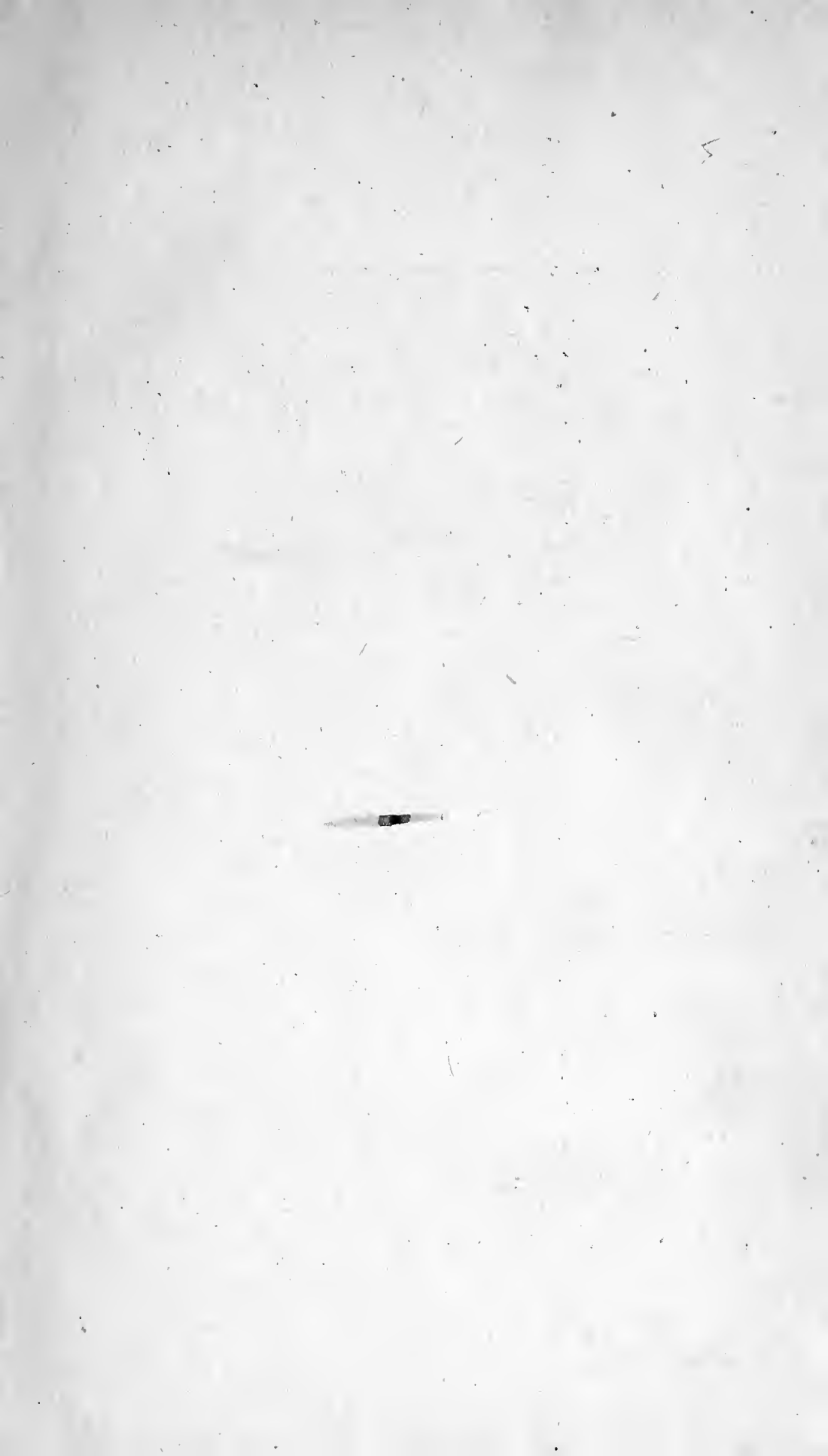



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SEVENTH ANNUAL REPORT

OF THE

WATER COMMISSIONER

FOR THE YEAR ENDING JANUARY 31, 1902.

OFFICE OF THE WATER COMMISSIONER,
CITY HALL, BOSTON, April 1, 1902.

HON. PATRICK A. COLLINS,
Mayor of Boston :

DEAR SIR, — Section twenty-four of chapter three of the Revised Ordinances requires that every officer in charge of a department shall within thirty days after the close of the financial year transmit to the Mayor a report containing a statement of the acts and doings and receipts and expenditures of the department for such financial year. I did not assume the duties of Water Commissioner until after the expiration of the fiscal year ending January 31, 1902, having been appointed on March 17, 1902, to fill the vacancy caused by the death of Commissioner Augustus P. Martin. I therefore submit herewith, under head of "Seventh Annual Report of the Water Commissioner," a statement showing the financial condition of the Water Department at the end of said fiscal year, together with detailed reports of the City Engineer and the several Superintendents.

Respectfully,

EUGENE S. SULLIVAN,
Water Commissioner.

The receipts and disbursements of the department for the year were as follows:

Total receipts of the Water Works, from all sources, for the year ending January 31, 1902:

Sales of water	\$2,188,050 42	
Shutting off and letting on water, and fees, Elevator, fire and service pipes, sale of old materials, etc.	5,673 97	
City's proportion of entrance fees of other cities and towns into Metropolitan water system	60,808 44	
Interest on Water Works fund	37,362 78	
Interest on \$7,531,000 paid by Commonwealth of Mass.	59,172 58	
Use of West Roxbury pumping-station leased by Metropolitan Water Board	237,948 80	
	920 00	
	<hr/>	
	\$2,589,936 99	
Commonwealth of Massachusetts, balance of amount for purchase of a portion of Water Works	7,531,000 00	
	<hr/>	
		<u>\$10,120,936 99</u>

Total expenditures of the Water Works, for the year ending January 31, 1902:

From revenue:

Current expenses, and extensions	\$869,994 24
Interest on funded debt	549,215 53
Metropolitan water assessment	1,169,105 62
Refunded water rates	1,621 60
	<hr/>
	\$2,589,936 99

From amount received from Commonwealth:

Water debt cancelled	\$608,356 70	
Other city debt cancelled	6,922,000 00	
Premium and interest on investments purchased	643 30	
	<hr/>	
	7,531,000 00	
	<hr/>	
		<u>\$10,120,936 99</u>

COST OF CONSTRUCTION AND CONDITION OF THE WATER DEBT.

Cost of construction of Water Works to February 1, 1901	\$23,054,387 81
Cost of construction of Water Works to February 1, 1902	15,782,616 80
¹ Decrease during the year	<u>\$7,271,771 01</u>
Stock on hand February 1, 1901	\$148,815 92
Stock on hand February 1, 1902	132,494 51
Decrease during the year	<u>\$16,321 41</u>
The outstanding Water Loans February 1, 1901, were	\$11,960,273 98
The outstanding Water Loans February 1, 1902, were	11,351,917 28
Decrease during the year	<u>\$608,356 70</u>
The Water Sinking-Fund February 1, 1901, was	\$10,144,647 08
The Water Sinking-Fund February 1, 1902, was	10,422,449 77
Increase during the year	<u>\$277,802 69</u>
Net Water Debt February 1, 1901	\$1,815,626 90
Net Water Debt February 1, 1902	929,467 51
Decrease during the year	<u>\$886,159 39</u>

The outstanding Water Loans on this date, February 1, 1902, are as follows :

	Loans.	Date of Maturity.	Amount.
5	per cent. Sterling Loan (£399,500),	Due Oct., 1902	\$1,850,917 28
6	“ “ Currency,	“ April, 1903	886,000 00
6	“ “ “	“ Jan., 1904	8,000 00
6	“ “ “	“ Jan., 1905	3,000 00
6	“ “ “	“ April, 1905	53,700 00
6	“ “ “	“ July, 1905	10,000 00
6	“ “ “	“ Oct., 1905	6,000 00
5	“ “ Gold Loan,	“ Oct., 1905	973,000 00
6	“ “ Currency,	“ Jan., 1906	82,550 00
6	“ “ “	“ April, 1906	8,750 00
5	“ “ Gold Loan,	“ April, 1906	549,000 00
5	“ “ “	“ Oct., 1906	1,991,000 00
6	“ “ Currency,	“ Oct., 1906	4,000 00
6	“ “ “	“ Jan., 1907	8,000 00
6	“ “ “	“ April, 1907	5,000 00
6	“ “ “	“ July, 1907	1,000 00
5	“ “ Currency Loan,	“ Oct., 1907	1,000 00
5	“ “ “	“ April, 1908	12,000 00
	<i>Carried forward,</i>		<u>\$6,452,917 28</u>

¹ Decreased by crediting \$7,531,000, amount of final payment by the State for works taken January 1, 1898.

Loans.			Date of	Amount.
<i>Brought forward,</i>			Maturity.	
per cent.	Loan,		Due	
4			July, 1909	\$6,452,917 28
4 $\frac{1}{2}$	"	"	Oct., 1909	82,000 00
4	"	"	April, 1910	268,000 00
4	"	"	April, 1912	277,000 00
4	"	"	Oct., 1913	324,000 00
4	"	"	Jan., 1914	56,000 00
4	"	"	April, 1914	459,000 00
4	"	"	Oct., 1914	18,500 00
4	"	"	April, 1915	16,000 00
4	"	"	Oct., 1915	45,700 00
4	"	"	Jan., 1916	23,000 00
4	"	"	April, 1916	8,000 00
4	"	"	Oct., 1916	28,500 00
4	"	"	Jan., 1917	11,300 00
3 $\frac{1}{2}$	"	"	April, 1917	21,000 00
4	"	"	April, 1917	275,000 00
4	"	"	July, 1917	6,000 00
4	"	"	Oct., 1917	7,000 00
4	"	"	Jan., 1918	158,700 00
4	"	"	April, 1918	20,000 00
3 $\frac{1}{2}$	"	"	July, 1918	6,300 00
4	"	"	Oct., 1918	100,000 00
4	"	"	April, 1919	95,000 00
3 $\frac{1}{2}$	"	"	Oct., 1919	200,000 00
4	"	"	Oct., 1919	6,000 00
3 $\frac{1}{2}$	"	"	Nov., 1919	215,000 00
3 $\frac{1}{2}$	"	"	Jan., 1920	122,000 00
4	"	"	Oct., 1920	120,000 00
4	"	"	April, 1921	303,000 00
4	"	"	Oct., 1921	100,000 00
4	"	"	Jan., 1922	162,500 00
4	"	"	April, 1922	100,000 00
4	"	"	Oct., 1922	75,000 00
4	"	"	Oct., 1923	202,000 00
4	"	"	Oct., 1924	26,275 00
3 $\frac{1}{2}$	"	"	Oct., 1927	526,225 00
3 $\frac{1}{2}$	"	"	July, 1929	25,000 00
				410,000 00
Total				<u>\$11,351,917 28</u>

SUMMARY.

3 $\frac{1}{2}$	per cent. Loans	. . . . .	\$1,058,000 00
4	" " " "	. . . . .	3,573,000 00
4 $\frac{1}{2}$	" " " "	. . . . .	268,000 00
5	" " Currency Loans	. . . . .	13,000 00
5	" " Gold " "	. . . . .	3,513,000 00
5	" " Sterling " "	. . . . .	1,850,917 28
6	" " Loans	. . . . .	1,076,000 00
Total			<u>\$11,351,917 28</u>

Cochituate Water Sinking-Fund Receipts.

[SINCE THE ESTABLISHMENT OF THE BOARD OF SINKING-FUND COMMISSIONERS IN 1871.]

WATER DEPARTMENT.

YEAR.	From Tax Levy of City Income.	Interest on Investments.	Interest on Bank Deposits.	Water Rates, etc.	Premiums on Loans.	Other Sources.	Totals.
1871. April 30, received from Committee on Reduction of Debt...	\$1,100,000 00						\$1,100,000 00
1871-72.....	14,325 00 Taxes, 9,375 00	\$61,000 00	\$349 67				85,049 67
1872-73.....	9,000 00	70,137 50	1,017 80				80,155 30
1873-74.....	30,090 00	76,799 60	2,072 65				108,962 25
1874-75.....	75,973 28	82,842 25	2,121 13				160,936 66
1875-76.....	65,554 00	85,470 00	3,617 55			\$386 00	155,027 55
1876-77.....	234,814 00	86,245 66	4,119 47	\$26,480 18		915 46	352,574 77
1877-78.....	Taxes, 214,500 00	85,830 85	10,809 31	27,099 92			338,240 08
1878-79.....	Taxes, 207,456 00	93,264 49	6,181 26	177,195 91		9,874 21	493,971 87
1879-80.....		90,472 42	5,687 62	214,707 24		4,411 64	315,278 92
1880-81.....		86,460 00	167 32	195,668 90		1,762 04	284,058 26
1881-82.....		96,546 35	2,767 90	193,840 36		494 08	293,648 69
1882-83.....		105,129 51	8,486 33	219,581 72		1,241 04	331,438 60
1883-84.....	Taxes 973 00	188,120 90	2,268 22				141,362 12
1884-85.....		143,049 45	7,510 40	209,258 39			359,818 24

1885-86	156,694 01	5,804 31	120,129 12	442 27	283,069 71
1886-87	181,264 89	2,644 70	297,928 95	5,061 12	562,415 66
1887-88	199,883 90	4,178 16	221,620 11		425,682 17
1888-89	213,048 22	8,958 69	256,013 57	\$11,552 50	489,572 98
1889-90	228,000 83	11,730 60	300,903 00	36,092 50	576,726 93
1890-91	229,509 17	29,763 94	242,675 22	36,530 00	538,478 33
1891-92	175,808 33	22,560 16	275,014 05	78,865 00	552,247 54
1892-93	260,506 20	30,148 34	240,435 00	16,413 50	547,503 04
1893-94	298,224 44	18,133 03	299,467 27	14,621 75	630,446 49
1894-95	312,332 05	18,524 22	297,518 29	9,894 12	638,268 68
1895-96	378,819 55	5,892 29	205,791 00	64,690 00	655,192 84
1896-97	403,840 02	5,225 08	194,740 00	616 50	604,421 60
1897-98	421,928 45	8,337 21	193,395 00	15,877 86	648,372 02
1898-99	417,142 02	5,806 85	193,395 00	8,016 00	624,359 87
1899-1900	383,662 97	7,632 45	209,824 00	2,148 90	633,104 02
1900-1901	397,985 35	15,948 83	206,489 00		620,423 18
1901-1902	325,030 96	31,199 25		* 609,000 00	965,230 21
	\$2,037,556 28	\$289,664 74	\$5,016,171 20	\$218,569 45	\$14,596,038 25

* Water Works Fund.

Cochituate Water Debt, Gross and Net,

At the Close of Each Fiscal Year.

Fiscal Year.	Gross Debt.	Sinking-funds.	Net Debt.
1847-48	¹ \$2,129,056 32	.....	\$2,129,056 32
1848-49	3,787,328 98	.....	3,787,328 98
1849-50	4,463,205 56	.....	4,463,205 56
1850-51	4,955,613 51	.....	4,955,613 51
1851-52	5,209,223 26	.....	5,209,223 26
1852-53	5,972,976 11	.....	5,972,976 11
1853-54	5,432,261 11	.....	5,432,261 11
1854-55	5,403,961 11	.....	5,403,961 11
1855-56	5,230,961 11	.....	5,230,961 11
1856-57	5,031,961 11	.....	5,031,961 11
1857-58	4,724,961 11	.....	4,724,961 11
1858-59	4,754,461 11	.....	4,754,461 11
1859-60	3,846,211 11	.....	3,846,211 11
1860-61	3,455,211 11	.....	3,455,211 11
1861-62	3,012,711 11	.....	3,012,711 11
1862-63	2,992,711 11	.....	2,992,711 11
1863-64	2,992,711 11	.....	2,992,711 11
1864-65	2,942,711 11	.....	2,942,711 11
1865-66	3,152,711 11	.....	3,152,711 11
1866-67	3,370,711 11	.....	3,370,711 11
1867-68	3,867,711 11	.....	3,867,711 11
1868-69	5,107,711 11	.....	5,107,711 11
1869-70	5,731,711 11	.....	5,731,711 11
1870-71	6,482,711 11	\$1,100,000 00	5,382,711 11
1871-72	6,812,711 11	1,185,049 67	5,627,661 44
1872-73	6,912,711 11	1,268,234 97	5,644,476 14
1873-74	7,863,711 11	1,372,953 62	6,490,757 49
1874-75	8,123,711 11	1,533,890 28	6,589,820 83
1875-76	9,735,711 11	1,560,917 83	8,174,793 28
1876-77	11,548,711 11	1,709,492 60	9,839,218 51
1877-78	11,545,273 98	2,043,764 73	9,501,509 25
1878-79	11,753,273 98	2,143,847 85	9,609,426 13
1879-80	11,697,273 98	1,771,692 92	9,925,581 06
1880-81	11,631,273 98	1,989,300 88	9,641,973 10
1881-82	11,631,273 98	2,281,857 89	9,349,416 09
1882-83	11,955,273 98	2,607,768 46	9,347,505 52
1883-84	12,882,273 98	2,746,505 58	10,135,768 40
1884-85	13,045,473 98	3,106,323 82	9,939,150 16
1885-86	13,491,473 98	3,385,201 26	10,106,272 72
1886-87	14,142,273 98	3,947,616 92	10,194,657 06
1887-88	14,741,273 98	4,373,304 09	10,367,969 89
1888-89	14,941,273 98	4,864,092 54	10,077,181 44
1889-90	15,696,273 98	5,440,819 47	10,255,454 51
1890-91	16,267,773 98	5,979,297 80	10,288,476 18
1891-92	16,423,773 98	6,471,545 34	9,952,228 64
1892-93	16,758,773 98	7,019,058 38	9,739,715 60
1893-94	17,055,273 98	7,649,504 87	9,405,769 11
1894-95	17,761,273 98	8,444,773 55	9,316,500 43
1895-96	18,261,273 98	9,099,966 39	9,161,307 59
1896-97	18,261,273 98	9,704,387 99	8,556,885 99
1897-98	17,911,273 98	9,852,760 01	8,058,513 97
1898-99	17,121,273 98	9,487,119 88	7,634,154 10
1899-1900	17,306,273 98	9,870,223 90	7,436,050 08
1900-1901	11,960,273 98	10,144,647 08	1,815,626 90
1901-1902	11,351,917 28	10,422,449 77	929,467 51

¹ No account taken of amounts borrowed temporarily from 1846 to 1852 and afterwards funded by the issue of the water bonds that figure in this statement.

DETAILED EXPENDITURES UNDER THE APPROPRIATION.

FEBRUARY DRAFT, 1901, to FEBRUARY DRAFT, 1902.

(*From Revenue.*)

Salaries and wages :		
Commissioner	\$5,000 00	
Assistant Commissioners (two),	6,000 00	
Secretary	3,000 00	
Employees	557,166 31	
		\$571,166 31
Water pipes and other castings		137,885 98
Lead and lead pipe		18,754 80
Repairs of buildings, streets and other structures,		16,949 82
Tools, machinery and repairs of same, iron, steel		
and hardware		16,390 92
Horses, purchase of	\$1,565 00	
Hay, grain, straw, etc.	7,375 82	
Vehicles and repairs of same	2,728 22	
Horse shoeing, veterinary services,		
etc.	2,486 74	
Harnesses, etc., and repairs	1,062 48	
		15,218 26
Lumber		9,953 26
Teaming and freights		8,466 10
Travelling expenses and transportation of em-		
ployees		5,446 20
Fuel		4,227 09
Printing		3,880 11
Blasting and excavating pipe trenches		3,614 36
Gravel and crushed stone		3,095 61
New meters	\$1,000 00	
Repairs and extra parts	1,931 29	
		2,931 29
Salt		2,626 40
Stationery, postage, etc.		2,224 82
Telephone service		1,317 93
Professional and expert services		1,121 72
Oils		858 66
Board of injured man		782 17
Bricks		762 06
Rents		690 00
Cement and sand		478 61
Waterproof clothing		463 43
Gas		371 42
Taxes		363 00

Carried forward,

\$830,040 33

<i>Brought forward,</i>		\$830,040 33
Advertising		191 85
Salt hay		149 53
Furniture		115 99
Ice		63 60
Drain pipe		34 59
Premium on bonds of employees		25 00
		<hr/>
		\$830,620 89
Damages		22,452 52
Special counsel on claim against the State for taking of water works,	\$15,000 00	
Expert services	1,920 83	
	<hr/>	16,920 83
		<hr/>
		\$869,994 24

The following amounts were also expended from revenue :

Refunded water rates	\$1,621 60	
Interest on loans	549,215 53	
Metropolitan water assessment	1,169,105 62	
	<hr/>	1,719,942 75
		<hr/>
		<u>\$2,589,936 99</u>

There was also expended by the Water Department, under an order of the City Council of July 3, 1901, appropriating \$5,000 from the Reserve Fund for "Ice for drinking fountains," the sum of \$3,177.52.

Contracts Made and Pending during Year Commencing February 1, 1901, and ending January 31, 1902.

Contracts Marked thus (*) are completed.

DATE.	CONTRACTORS.	WORK.	AMOUNT.	PAID ON CONTRACT.		
				Previous Year.	Year 1901-1902.	Total.
1900.						
*Feb. 2,	{ Warren Foundry and Machine Company, Phillipsburg, N. J.....	{ 200 tons 30-inch pipe, A 500 " 16-inch " A 700 " 12-inch " A 330 " 12-inch " B 150 " 10-inch " B 500 " 8-inch " B 600 " 6-inch " B 15 " 4-inch " B 2,995 " pipe 5 " special castings	@ \$26.00 per ton, 2,000 lbs.....	\$79,059 53	\$664 24	\$79,723 77
*March 9,	Owen Nawn & Co.....	{ Teaming water pipes and materials for year ending March 15, 1901.....	@ 44.00 " " " "	1,708 88	455 99	2,164 87
*July 11,	{ Sessions Foundry Com- pany, Bristol, Conn....	{ Small iron castings, for 5 months to January 31, 1901	{ 38 cents per ton, 2,240 lbs., for short haul..... 80 cents per ton, 2,240 lbs., for long haul.....	8,421 78	4,541 87	12,963 65
*Aug. 10,	J. H. McCafferty & Co.,	Composition castings.....	{ No. 1 @ 2.35 cents per lb. No. 2 @ 1.10 " " " "	3,330 53	1,043 21	4,373 74
*Nov. 9,	Coffin Valve Company,	Thirty 16-inch water gates.....	@ \$86.00 each		2,580 00	2,580 00
* " 17,	John J. Kelley	Blasting, Folsom street, Dorchester.....	@ \$2.99 per cubic yard.....		69 97	69 97
* " 26,	Thomas Burke.....	" Tuckerman street, South Boston...	@ \$2.98 " " " "		47 98	47 98
1901.						
*Jan. 9,	John J. Kelley.....	" Oswald street, Roxbury.....	@ \$3.19 " " " "		30 62	30 62

Contracts Made and Pending during Year Commencing February 1, 1901, and ending January 31, 1902.—Concluded.

Contracts marked thus (*) are completed.

DATE.	CONTRACTORS.	WORK.	AMOUNT.	PAID ON CONTRACT.		
				Previous Year.	Year 1901-1902.	Total.
1901.						
*July 1,	Thomas Burke.....	Blasting Half Moon street, Dorchester.....	@ \$3.00 per cubic yard.....	.....	\$42 00	\$42 00
Aug. 1,	J. H. McCafferty & Co.	{ Composition castings from August 1, 1901, to February 1, 1902.....	{ No. 1 @ 21 $\frac{1}{2}$ cents per lb..... No. 2 @ 20 $\frac{1}{2}$ " " "..... No. 3 @ 16 " " ".....	.....	7,528 02	7,528 02
" 1,	Foxboro Foundry Co...	{ Small iron castings from August 1, 1901, to February 1, 1902.....	{ No. 1 @ 2 $\frac{57}{100}$ cents per lb..... No. 2 @ 1 $\frac{50}{100}$ " " ".....	.....	12,464 09	12,464 09
Aug. 10,	Osgood & Witherly.....	{ 10 24-inch sleeves 10 48-inch "	@ \$1.67 per 100 lb.....	.....	77 94	77 94
* " 20,	John J. Kelley.....	Blasting Union avenue, West Roxbury.....	@ \$2.74 per cubic yard.....	.....	135 36	135 36
* " 23,	Coffin Valve Company..	{ Finishing and assembling 50 Bachelde'r hydrants. City to furnish all materials...}	@ \$18 each (\$6.83 deducted from bill) .....	.....	893 17	893 17
* " 29,	{ Charles River Ice Com- pany	{ Furnishing ice in block form to drinking fountain, cor. Ashland and Washington streets, Roslindale.....	@ \$2.50 per ton, 2,000 lbsf.....	.....	5 88	5 88
* " 30,	John Varnerin.....	Blasting, Chisholm Park, Roxbury.....	@ \$2 per cubic yard.....	.....	211 80	211 80
*Sept. 5,	James McGovern.....	Blasting, Richview street, Dorchester.....	@ \$2.69 per cubic yard.....	.....	44 39	44 39
* " 20,	Coffin Valve Company..	{ Construct and assemble and deliver at Albany street yard, 40 12-inch valves}	@ \$25.50 each.....	.....	1,020 00	1,020 00
Oct. 2,	{ J. H. Long Machine Company	Furnishing 20 16-inch valves	@ \$69.50 each .....	.....	695 00	695 00

*Nov. 12,	Gardner T. Voorhees...	{ Covering 20 service pipes, Atlantic avenue, opposite Mercantile Wharf, with Voorhees patent insulation. Water Department to do necessary digging..... }	\$800 (extra work, \$19)	819 00	819 00
* " 20,	Thomas Burke.....	Blasting, Cornell street, Dorchester.....	@ \$3.18 per cubic yard... ..	125 61	125 61
Dec. 2,	Walburg & Sherry.....	{ Scraping, cleaning and painting inside of stand-pipe at Orient Heights; painting to consist of two coats of red lead paint and one coat of "Smith's Durable Metal Coating"..... }	\$187.00.....	.....	.....
* " 5,	Thomas Burke.....	Blasting, Robinwood avenue, W. Roxbury..	@ \$3.50 per cubic yard.....	146 65	146 65
" 9,	Robert R. Rose... ..	{ Scraping, cleaning and painting inside of stand-pipe at Mount Bellevue. (Same as required at Orient Heights)	\$224.00.....	.....	.....
" 17,	Osgood & Witherly.....	Furnishing 10 30-inch sleeves.....	@ 2 1/4c. per lb.....	.....	.....

† Paid from special appropriation.

REPORT OF INCOME DIVISION.

CITY HALL, BOSTON, February 1, 1902.

GEN. AUGUSTUS P. MARTIN,

Water Commissioner:

SIR: — Herewith please find annual report of the Income Division, Water Department. The report of the Meter Service covers the financial year ending January 31, 1902; the remainder of the report is rendered for the calendar year ending December 31, 1901, it being impracticable, owing to the nature of the accounts, to render an entire report for the financial year.

Respectfully submitted,

J. H. CALDWELL,

General Superintendent Income Division.

Table I.

Statement of Water Rates — January 1, 1902.

Account of year.	Amount assessed.	Amount abated.	Amount collected.	Balance outstanding.
1894.....	\$2,163,625 70	\$51,615 19	\$2,112,006 01	\$4 50
1895.....	2,266,519 08	55,409 78	2,211,008 55	100 75
1896.....	2,568,246 04	*95,157 39	2,473,083 65	5 00
1897.....	2,630,413 37	53,864 09	2,576,549 28	
1898.....	2,342,793 38	†235,414 43	2,107,378 95	
1899.....	2,414,731 72	†257,930 16	2,156,246 26	555 30
1900.....	2,197,011 24	45,905 24	2,149,995 89	1,110 11
1901.....	†2,263,753 66	23,113 73	1,968,216 35	272,423 58

Above amounts for years 1894, 1895, 1896, and 1897 include both Cochituate and Mystic supply accounts. The contracts to supply Chelsea, Somerville, and Everett with Mystic water were abrogated by the Metropolitan Water Act on January 1, 1898.

*This amount includes certain City Department accounts, abated by order of the Mayor.

† These amounts include abatements of City Department accounts, under order of the City Council approved by the Mayor on March 5, 1900.

‡ No City Department accounts in this amount, such charges having been abolished by an order of the City Council approved by the Mayor on March 5, 1900.

Table II.*Number of Classified Water Takers during 1901.*

	Number.
By annual rates	94,821
By meter rates.....	4,554
City supplies of all kinds	8,664
Total	108,039

Table III.*Kind and Number of Fixtures in Use January 31, 1902.*

	Number.
Bath-tubs	75,484
Bowls.....	110,120
Foot-tubs.....	280
Sinks.....	181,409
Taps	28,881
Urinals, automatic.....	6,007
" otherwise	412
Wash-tubs	120,339
Water-closets.....	167,041
Total fixtures.....	889,973

Table IV.

Water by Annual Rates.

CLASSIFICATION.	Number.	Amount Assessed.
Armories.....	1	\$43 00
Bakeries.....	285	3,813 67
Bath-houses.....	2	72 00
Building purposes.....	1,038	10,886 07
Cemeteries.....	5	30 33
Churches.....	246	2,849 91
Circus.....	1	65 17
Clubs.....	197	2,980 35
Depots.....	55	1,137 25
Dispensaries.....	2	39 00
Dwelling-houses.....	54,682	794,688 99
Fountains.....	7	58 00
Filling tank.....	3	20 00
Freight-houses.....	17	183 00
Greenhouses.....	60	1,058 99
Grove.....	1	8 75
Gymnasium.....	1	46 50
Halls.....	156	2,451 17
Hand-hose.....	9,271	46,355 00
Hospitals and asylums.....	51	3,770 33
Hotels.....	4	464 87
Laboratories.....	1	50 00
Laundries.....	524	10,131 79
Libraries and museums.....	1	33 50
Manufactories.....	11	108 50
Model houses.....	11,560	248,354 57
Motors.....	8	100 00
Offices.....	2,118	18,833 91
Paving.....	49	1,059 08
Photographers.....	37	1,023 75
Puddling trenches.....	29	1,834 25
Razing buildings.....	11	91 00
Restaurants and lunch rooms.....	555	9,012 08
Saloons.....	544	20,679 59
Schools.....	75	1,468 00
Shops.....	3,133	29,003 96
Shipping.....	12	106 20
Stables.....	3,469	24,643 12
Steam engines.....	167	2,837 49
Stores.....	6,413	68,864 04
Street watering.....	15	455 91
Theatres.....	3	68 00
Washing Subway.....	1	40 50
Totals.....	94,821	\$1,309,821 59

Table V.

Water by Meter Rates.

CLASSIFICATION.	Number.	Quantity of Water Consumed. Cubic Feet.	Amounts Assessed.
Bakeries.....	18	2,114,000	\$2,716 55
Bath-houses.....	6	600,000	814 85
Boarding-houses.....	49	2,450,000	3,373 00
Bottling establishments.....	54	2,869,000	3,909 02
Breweries.....	23	27,234,000	33,249 00
Cemeteries.....	3	566,000	717 60
Chemicals.....	10	1,969,000	2,480 75
Club-houses.....	36	7,979,000	10,001 40
Distilleries.....	6	1,276,000	1,629 90
Electrical companies.....	17	32,160,000	33,264 40
Elevators and motors.....	521	42,924,000	55,994 35
Factories.....	236	40,567,000	51,369 85
Fish-houses.....	33	1,925,000	2,539 10
Gas-works.....	15	6,137,000	7,598 30
Greenhouses.....	11	735,000	1,000 10
Halls.....	26	4,918,000	6,182 23
Hospitals.....	17	6,206,000	7,683 75
Hotels.....	138	74,405,000	91,818 10
Iron-works.....	33	7,792,000	9,898 90
Laundries.....	26	11,139,000	13,939 25
Markets.....	5	374,000	511 60
Mills and engines.....	78	13,446,000	14,843 50
Model houses.....	1,114	75,797,000	103,171 30
Navy Yard and barracks.....	7	13,461,000	12,697 44
Offices, stores and shops.....	1,203	141,412,000	173,974 73
Oil-works.....	9	892,000	1,185 40
Public institutions.....	8	12,376,000	13,563 00
Saloons and restaurants.....	307	23,453,000	30,993 33
Schools.....	35	7,046,000	9,026 30
Slaughtering-houses.....	4	2,251,000	2,796 50
Stables.....	319	15,470,000	21,327 90
Steam and street railways.....	73	157,314,000	156,168 50
Stone-works.....	12	1,403,000	1,831 60
Sugar refineries.....	1	27,702,000	23,785 60
Tanneries.....	4	220,000	305 00
Theatres.....	16	3,096,000	3,975 90
Warehouses.....	12	3,495,000	4,399 10
Wharves and shipping.....	69	30,465,000	38,102 51
Totals.....	4,554	805,638,000	\$952,839 61

Table VI.*Number and Amounts of Abatements Allowed during the Year 1901.*

ON ACCOUNT OF ASSESSMENTS FOR YEAR.	Number.	Amount.
1896.....	1	\$29 30
1898.....	2	97 90
1899.....	37	561 72
1900.....	2,245	22,217 39
1901.....	3,172	23,113 73
Total.....	5,457	\$46,020 04

The abatements allowed on account of 1901 assessments, amounting to \$23,113.73 were due to changes in occupancy of premises, changes in ownership, vacancies, errors in valuations and assessments, inaccuracy of meters as proved by tests, underground leaks for which the owner could not be held entirely responsible, and for other reasons, which, in the judgment of the General Superintendent, entitled the water-taker to consideration.

The abatements on account of 1896, 1898, 1899, and 1900, were due to bills uncollectible, changes of ownership, failures, shut-off for non-payment, cleaning up old accounts.

Table VII.*New Elevator, Motor, Fire and Service Pipes.*

Elevator pipes	19
Motor pipes.....	10
Fire pipes	17
Service pipes	1,618
Total.....	1,664

Table VIII.*Turning Water Off and On.*

For repairs of mains	1,042
“ “ “ services.....	3,743
“ non-payment of water bills.....	2,267
“ waste	8
Turned on first time.....	1,353
Vacancies	3,814
Total.....	12,227

Table IX.

Off and On Receipts.

Received for turning water off and on for repairs, deposited with City Collector.....	\$1,804 00
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Table X.

ELEVATOR, MOTOR, AND FIRE PIPE SERVICE, FOR YEAR ENDING DECEMBER 31, 1901.

Elevators.

Under supervision, December 31, 1900	545	
Discontinued during the year	7	
Changed to electric	4	
	—	11
		—
		534
New elevators inspected and accepted during the year		33
		—
Under supervision, December 31, 1902		567
Changed to tank and metered water during year, and still under supervision		53
Inspections made		602
Accuracy tests made		164
Registering inaccurately and repaired by owners		40
Wasting water and repaired by owners		31
Clock cord broken, or out of place, and repaired by owners		29
Clock hands off, glass broken and repaired by owners		18

Motors.

Under supervision, December 31, 1900	120	
Discontinued	5	
Placed on meter	1	
Changed to electric during the year	1	
	—	7
		—
		113
New motors added to service during the year		11
		—
Under supervision, December 31, 1901		124
Motors on meter		10
Inspections made		261
Measured		120
Tested		126
Registering inaccurately and repaired by owners		15
Not registering and repaired by owners		5
Wasting water and repaired by owners		69

Fire Service.

Premises under inspection, December 31, 1900	422
Supervision discontinued	17
	<hr/>
	405
Premises equipped during the year	20
	<hr/>
Premises under supervision, December 31, 1901	425
Inspection of premises	2,185
Total number of inspections of outlet valves	28,832
Total number of hydrant inspections	575
Total number of valves sealed and resealed	2,120
Total number of hydrants sealed and resealed	76

By-passes.

Meter by-passes under supervision, December 31, 1900,	32
By-passes, additional	6
	<hr/>
Under supervision, December 31, 1901	38
Inspections made	90
Resealed	12

METER SERVICE.

Table XI.

Statement of Meters for Year ending January 31, 1902.

Meters belonging to department January 31, 1901	5,199
Purchased during year	4
Found, not reported last year (Crown, 1; Worth, 1)	2
	<hr/>
	5,205
Condemned during year	54
2-inch Worth meter, found to be private	1
	<hr/>
	55
	<hr/>
Meters belonging to department, January 31, 1902	5,150
	<hr/> <hr/>

Table XII.

Distribution of Meters, January 31, 1902.

In service	4,473
At department shop	677
	<hr/>
	5,150
	<hr/> <hr/>

Table XIII.

General Statement of Work Performed on Meters during Year ending January 31, 1902.

	Meters.	Boxes.
Applied	231	62
Discontinued	204	
Changed.....	981	
" location.....	15	
Tested	2,254	
Repaired at shop.....	1,068	
" " factory.....	109	
" in service.....	414	166
Abandoned.....		17
Examined.....	219	
Hayed.....	1,402	
Condemned.....	54	
Meters in service.....	4,473	
Purchased.....	4	
At department shop	677	
Found in service.....	2	
Private meters in service.....	44	

Table XIV.

Meters Condemned.

	DIAMETER IN INCHES.					Totals.
	4	2	1	$\frac{3}{4}$	$\frac{1}{2}$	
Worthington.....	1	6	32	12	.....	51
Ball & Fitts.....				2	1	3
Totals.....	1	6	32	14	1	54

Table XV.

Meters Applied.

	DIAMETER IN INCHES.								Totals.
	6	4	3	2	1½	1	¾	⅝	
Worthington		3	1	10	12	17	17	.....	60
Crown.....	1	4	7	5	13	16	13	46	105
Hersey.....	2	.....	.....	1	2	4	2	.....	11
Metropolitan.....	.....	.....	.....	.....	.....	4	36	.....	40
B. W. W.....	.....	.....	.....	.....	.....	.....	10	.....	10
Lambert.....	.....	.....	.....	.....	1	2	.....	.....	3
Gem.....	.....	1	.....	.....	.....	.....	.....	.....	1
Thomson.....	.....	.....	.....	.....	.....	.....	1	.....	1
Totals.....	3	8	8	16	28	43	79	46	231

Table XVI.

Meters Discontinued.

	DIAMETER IN INCHES.								Totals.
	6	4	3	2	1½	1	¾	⅝	
Crown.....	1	2	5	3	5	7	22	69	114
Worthington.....	1	9	3	22	10	.....	45
Hersey.....	2	7	.....	9
Metropolitan.....	2	.....	3	24	.....	29
Lambert.....	1	.....	.....	.....	1
B. W. W.....	2	.....	2
Gem.....	1	.....	.....	.....	.....	.....	.....	1
Empire.....	1	.....	.....	.....	1
Thomson.....	1	.....	1
Disc.....	1	.....	.....	.....	.....	.....	1
Totals.....	1	3	7	14	10	34	66	69	204

Table XVII.
Meters Purchased.

	DIAMETER IN INCHES.	Totals.
	1½	
Hersey.....	4	4
Totals.....	4	4

Table XVIII.
Meters Repaired at Factory.

	DIAMETER IN INCHES.								Totals.
	6	4	3	2	1½	1	¾	⅝	
Crown.....	1		3	1	6	11	10	66	98
Worth.....					4				4
Hersey.....							3		3
Lambert.....				1					1
Nash.....							2		2
Disc.....			1						1
Totals.....	1		4	2	10	11	15	66	109

Table XIX.
Meters Repaired in Service.

CAUSE OF REPAIRS.	Number.	CAUSE OF REPAIRS.	Number.
Leak at spindle.....	95	<i>Brought forward.....</i>	374
“ “ connections.....	64	Ratchet broken.....	7
“ “ stopcock.....	2	Clock loose.....	7
“ “ body.....	2	Did not mesh.....	2
Clock train stuck.....	8	Nipple broken.....	1
Cover broken.....	55	Spindle “.....	3
Glass “.....	66	Dial “.....	1
Clock “.....	49	Not registering, cause unknown,	7
Gear loose.....	7	Gear broken.....	1
Cover “.....	2	Piston stuck.....	2
Hands stuck.....	14	Fish in meter.....	3
Clock defaced.....	9	Spindle loose.....	1
Valve broken.....	1	No force.....	1
<i>Carried forward.....</i>	374	Totals.....	414

Table XX.
Meters Changed.

CAUSE.	Number.	CAUSE.	Number.
For test.....	507	<i>Brought forward.....</i>	890
Not registering, cause unknown,	99	Piston shaft worn.....	2
No force.....	16	Clock defaced.....	4
Stoppage.....	27	“ detached.....	2
Rust.....	50	Relocation.....	8
Solder.....	15	Intermittent.....	1
Dirt.....	19	Train stuck.....	8
Frost.....	15	Spindle loose.....	1
Heat.....	15	Piston rod loose.....	1
Enlargement.....	25	Leak at connection.....	3
Leak at body.....	14	Lever broken.....	1
“ “ spindle.....	17	Hands stuck.....	4
Clock broken.....	22	Cover broken.....	3
Ratchet “.....	4	Pawl stuck.....	3
Spindle “.....	9	Fish in meter.....	3
Piston “.....	6	Intermediate broken.....	41
Gear “.....	3	Hands broken.....	3
Intermediate worn.....	5	Gear loose.....	2
Gears did not mesh.....	13	Service reduced.....	1
Piston stuck.....	9		
<i>Carried forward.....</i>	890	Totals.....	981

Table XXI.

Meters in Service, January 31, 1902.

	DIAMETER IN INCHES.								Totals.
	6	4	3	2	1½	1	¾	⅝	
Worthington.....	2	17	31	133	123	498	337	.....	1,141
Crown.....	10	43	51	83	169	362	413	1,167	2,298
Hersey.....	2	4	12	19	38	77	165	16	333
Metropolitan.....				1	16	104	493	3	617
B. W. W.....							33	.....	33
Lambert.....				2	2	2	3	5	14
Thomson.....							1	3	4
Disc.....			2		4	2			8
Gem.....	1	4							5
Nash.....					1	2			3
Empire.....					7	4	2		13
Ball & Fitts.....			1						1
Trident.....						2			2
Torrent.....	1								1
Totals.....	16	68	97	238	360	1,053	1,447	1,194	4,473

Table XXII.

Private Meters in Service, January 31, 1902.

	DIAMETER IN INCHES.								Totals.
	6	4	3	2	1½	1	¾	⅝	
Crown.....	1	2	2	5	9	2	2	4	27
Worthington.....			2	5		3		2	12
Hersey.....			1	1					2
Gem.....	2								2
B. W. W.....							1		1
Totals.....	3	2	5	11	9	5	3	6	44

TABLE XXIII.

Meters at Department Shop, January 31, 1902.

	DIAMETER IN INCHES.								Totals.
	6	4	3	2	1½	1	¾	⅝	
Worthington.....		4	2	18	4	76	68	7	179
Crown.....		2	4	3		18	60	158	245
Hersey.....		2	1	8	8	4	20	4	47
Metropolitan.....				3	4	28	121	}	172
“ (incomplete).....							16		
B. W. W.....							9		9
Lambert.....					1		1	1	3
Thomson.....							1	3	4
Empire.....						1			1
Gem.....	1	1	4	2					8
Nash.....							2	2	4
Rogers.....							1		1
Ball & Fitts.....				1			1		2
Champion.....							1		1
Disc.....			1						1
Totals.....	1	9	12	35	17	127	301	175	677

WASTE DETECTION.

TABLE XXIV.

Water Inspection.

	Number.
Waste reports.....	6,045
Reëxaminations.....	7,144
First reëxamination.....	6,120
Second “.....	1,354
Third “.....	7
Fine notices issued.....	8

TABLE XXV.
Defective Fixtures and Waste.

	Number.
Tank fixtures leaking.....	4,624
Faucets leaking.....	1,963
Water-closets leaking.....	199
Bursts.....	249
Wilful waste.....	22

INVENTORY OF PROPERTY OF INCOME
DIVISION.

AT CITY HALL.

1 black walnut counter, 47½ feet long.	16 miscellaneous racks for books, etc.
1 black walnut counter, 12 feet long.	21 connected wardrobes.
1 walnut roll-top desk, two cases overhead.	15 connected wardrobes.
6 walnut roll-top desks.	6 connected wardrobes.
4 oak roll-top desks.	1 single wardrobe.
3 double oak standing desks, 9 feet 9 inches long.	13 footstools.
2 single walnut standing desks.	2 desk platforms.
1 double walnut standing desk.	13 high desk chairs.
8 triple walnut desks, each 9 feet long, low.	1 9-drawer card cabinet.
1 flat-top walnut desk.	2 high stools.
5 oak flat-top desks.	36 low swivel chairs.
1 typewriter desk.	6 cane-seat armchairs.
1 shelf desk.	5 upholstered armchairs.
1 2-foot standing desk.	1 low stool.
1 large walnut table.	1 Smith Premier typewriter.
2 small walnut tables.	1 Bar-lock typewriter.
1 10-foot standing desk.	1 safe.
3 large walnut bookcases.	3 clocks.
2 walnut slide-door cases.	2 iron umbrella racks.
1 large oak stationery case.	1 large wooden umbrella rack.
1 oak letter-book case.	1 folding stepladder.
1 letter-press stand.	1 combined thermometer and barometer.
1 letter-file case.	1 large rug.
1 roll-door cabinet.	2 rubber mats.
1 oak bill case.	2 oil cloths.
3 large book-racks.	2 letter-presses.
1 2-drawer card case.	2 fibre mats.
1 20-drawer card cabinet.	23 waste baskets.
1 45-drawer card cabinet.	25 cuspidors.
8 7-inch by 7-inch wooden boxes.	11 storm windows.
2 telephone booths.	32 fibre boxes for bills.
1 toilet booth.	3 electric fans.
	1 drawing board.
	1 waterpail.
	7 picks.

PROPERTY IN OFFICE.

1 large oak case, 24 drawers, with cards.	2 pine wardrobes.
1 small oak case, 9 drawers, with cards.	2 mahogany tables.
3 oak roll-top desks.	3 window shades.
2 oak standing desks.	3 window screens.
4 oak arm chairs, adjustable.	1 door screen.
2 oak high chairs, adjustable.	1 Bar-lock typewriter, with table.
2 oak arm chairs.	1 feather duster.
1 German mirror.	3 cuspidors.
2 pine tables, with drawers and closets.	1 time clock.
	1 whisk broom.

PROPERTY IN STABLE.

12 blankets.	3 sponges.
6 brushes.	5 surcingles.
6 combs.	1 sleigh, old.
5 halters.	3 wrenches.
2 horses, driving.	2 whips.
3 horses, working.	2 wagons, Concord.
3 harnesses, working sets.	3 wagons, express.
2 harnesses, driving sets.	2 weights.
6 robes.	

PIPE FITTINGS, METER PARTS, TOOLS, ETC., AT SHOP.

Axe,	1	Couplings, male, 2 inches,	12
Boxes, wooden, large,	25	“ “ 1½ “	32
Boxes, “ small,	25	“ “ 1-inch,	30
Boxes, counter,	203	“ “ ¾ “	98
Boxes, iron gate,	8	“ “ ⅝ “	21
Boxes, rosin,	3	“ comb., 2 inches,	121
Boxes, tool,	3	“ “ 1½ “	27
Bolts, flange,	28	“ “ 1-inch,	26
Bolts, meter body,	7,507	“ “ ¾ “	3
Board, leather, lbs.,	114	“ brass, 2 inches,	11
Buffers, rubber,	267	“ “ 1½ “	29
Binders, Worthington,	123	“ “ 1¼ “	23
Bars, crow,	3	“ “ 1-inch,	14
Bars, pinch,	3	“ “ ¾ “	17
Boots, rubber,	3	“ bent, 2 inches,	14
Brooms,	3	“ “ 1½ “	21
Bottoms, meter,	40	“ “ 1-inch,	16
Brackets, wooden,	16	Clocks, meter,	263
Bags, tool,	3	Chisels, cold,	14
Bushings, brass, 2 inches,	19	Cans, oil,	5
“ “ 1½ “	3	Covers, fish-box,	59
“ “ 1¼ “	18	Cutters, pipe,	3
“ “ ¾-inch,	91	Couplings, iron, 3 inches,	2
Bolts, stretching,	12	“ “ 2 “	12
Covers, counter, box,	559	“ “ 1½ “	10
“ frame,	70	“ “ 1¼ “	18
Connection pieces,	36	“ “ 1-inch,	19
Callipers,	2	“ “ ¾ “	10
Couplings, female, 2 inches,	24	Drills, breast,	1
“ “ 1-inch,	14	“ twist,	168
“ “ ¾ “	19	“ tap,	12
“ “ ⅝ “	75	Dials, clock,	1,062

PIPE FITTINGS, ETC., AT SHOP. — *Concluded.*

Discs,	12	Pipe, brass, feet, $\frac{3}{4}$ inches,	32
Elbows, brass, 2 inches,	8	“ iron, feet, $1\frac{1}{4}$ “	13
“ “ $1\frac{1}{2}$ “	18	“ “ “ 1-inch,	35
“ “ $1\frac{3}{4}$ “	16	Packings, leather,	178
“ “ 1-inch,	9	“ cork,	552
“ “ $\frac{3}{4}$ “	16	Reducers, $\frac{3}{8}$ to $1\frac{1}{4}$ inches,	880
“ galv. 2 inches,	4	Ratchets, meter,	429
“ “ $1\frac{1}{2}$ “	7	Shovels,	2
“ “ 1-inch,	38	Stoves,	1
“ “ $\frac{3}{4}$ “	20	Shelves, wooden,	104
Extensions, clock,	10	Stands, wooden,	18
Forks, hay,	2	Strainers, fish box,	26
Files,	11	Solder, lbs.,	128
Flanges, 8 × 3 inches,	8	Saws,	2
“ 8 × 4 “	28	Sleeves, 6 inches,	3
“ 9 × 3 “	7	Seals, meter,	4
“ 9 × 4 “	12	Stop cocks, 1-inch,	14
“ pipe, 6 “	11	“ “ $\frac{3}{8}$ “	12
“ “ 4 “	16	“ “ $\frac{5}{8}$ “	32
“ “ 3 “	27	Shafts, piston,	342
Frames, meter,	28	Tongs,	1
Gears, intermediate,	483	Trowels,	3
Gears, clock,	4,569	Tees, $\frac{3}{8}$ -inch, × $1\frac{1}{2}$ inches,	116
Gears, spindle,	2,567	Tops, meter,	5
Gauges, pressure,	2	Torches, flash,	3
Glands, rubber,	270	Tampins,	3
Glasses, clock,	437	Traps, fish, 6 inches,	1
Hammers,	12	“ “ 4 “	19
Hatchets,	2	“ “ 3 “	41
Irons, soldering,	5	“ “ 2 “	15
Knives, chipping,	4	Unions, brass, 2 inches,	9
Levers, meter,	267	“ “ $1\frac{1}{2}$ “	7
Lead, pig, lbs,	450	“ “ 1-inch,	8
Ladles, solder,	2	“ galv. 2 inches,	10
Nipples, 2 inches,	67	“ “ $1\frac{1}{2}$ “	3
“ $1\frac{1}{2}$ “	92	“ “ 1-inch,	19
“ 1-inch,	309	“ “ $\frac{3}{4}$ “	5
“ $\frac{3}{4}$ “	166	Valves, check, $1\frac{1}{2}$ inches,	5
“ $\frac{5}{8}$ “	40	“ “ 1-inch,	8
“ solder, 2 inches,	40	“ “ $\frac{3}{4}$ “	1
“ “ $1\frac{1}{2}$ “	21	“ Chapman, 4 inches,	4
“ “ 1-inch,	110	“ “ 3 “	3
“ “ $\frac{3}{4}$ “	13	“ “ 2 “	11
“ “ $\frac{5}{8}$ “	12	“ “ $1\frac{1}{2}$ “	5
“ close, brass, 2 inches,	41	“ Worthington,	188
“ “ “ $1\frac{1}{2}$ “	35	“ seats,	129
“ “ “ $1\frac{3}{4}$ “	22	Wire cutters,	2
“ “ “ 1-inch,	7	Wrenches, monkey,	13
“ “ “ $\frac{3}{4}$ “	15	“ Stillson,	8
Plates, circular,	4	“ fork,	25
Picks,	2	“ service,	9
Pots solder,	3	Crane, block and fall,	1
Pumps, force,	2	3-way cock, $1\frac{1}{2}$ inches,	1
Punches,	1	3 “ “ 1-inch,	1
Pliers,	4	Large iron tank and scale,	1
Pails,	4	Small “ “ “ “	1
Pipe, substitute,	6	Iron horses,	2
“ brass, feet, 2 inches,	14	Screw drivers,	12
“ “ “ $1\frac{1}{2}$ “	14	S W. uprights,	7
“ “ “ $1\frac{3}{4}$ “	12	Offsets,	9
“ “ “ 1-inch,	27	Vises,	3

REPORT OF THE DISTRIBUTION DIVISION.

OFFICE OF THE SUPERINTENDENT,
710 ALBANY STREET, February 1, 1902.

GENERAL A. P. MARTIN,
Water Commissioner:

SIR,—I herewith submit in tabular form the annual report of the Distribution Division for the year ending January 31, 1902.

Respectfully yours,

WILLIAM J. WELCH,
Superintendent.

Statement of Location, Size and Number of Feet of Main Pipe Extended during the Year ending January 31, 1902.

NOTE.—C. P. indicates City Proper; Rox., Roxbury; W. R., West Roxbury; Bri., Brighton; Dor., Dorchester; So. B., South Boston; E. B., East Boston; Chsn., Charlestown.

LOCATION.		District.	High or Low Service.	Size.	Length.
Washington st....	Between Talbot ave. and Walton st.....	Dor.	H.	30-in.	792
Columbia road....	Between Ceylon and Quincy sts...	"	H.	24-in.	606
Boylston st.....	At Brookline ave.....	Rox.	L.	20-in.	6
Causeway st.....	" Haverhill st.....	C. P.	L.	16-in.	23
Boylston st.....	" Brookline ave... ..	Rox.	L.	"	3
Columbia road....	" Douglass st.....	So. B.	L.	"	119
" "	Between Douglass and G sts.....	"	L.	"	180
" "	" I and Douglass sts.....	"	L.	"	494
" "	" O and Q sts.....	"	L.	"	913
" "	" N and Ninth sts.....	"	L.	"	144
Miller st.....	" Main st. and Rutherford ave	Chsn.	L.	"	5
Total, 16-inch.....					1,886

Statement of Main Pipe Extended.— *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.
Cambridge st.....	At Hancock st.....	C. P.	H.	12-in.	8
Devonshire st.....	North from Milk st.....	"	H.	"	16
High st.....	Between Congress and Pearl sts...	"	H.	"	253
India st.....	" Custom House and Milk sts.....	"	H.	"	95
Milk st.....	" Pearl st. and Sewall pl....	"	H.	"	559
Portland st.....	" Causeway and Traverse sts.....	"	H.	"	87
"	At Sudbury st.....	"	H.	"	102
Sudbury st.....	" Portland st.....	"	H.	"	18
Washington st. (west side).....	Between Canton and Union Park sts.....	"	L.	"	778
Brookline ave.....	At Bellevue st.....	Rox.	L.	"	5
Gainsboro' st.....	Between St. Stephen and Hemenway sts.....	"	L.	"	600
Lansdowne st.....	From Ipswich st.....	"	L.	"	316
Wait st.....	Between Hillside st. and Parker Hill ave.....	"	H.	"	443
Wensley st.....	Between Bickford and Bucknam sts.	"	H.	"	89
Baker st.....	Between Temple st. and Martin Luther's Orphan Home.....	W. R.	H.	"	1,825
Burlingame way..	Off Montclair ave.....	"	H.	"	207
Forest Hills st....	From Washington st.....	"	H.	"	57
Laselle st.....	Between Perham and Harwood sts.	"	H.	"	596
Montclair ave.....	Between Burlingame way and Fletcher st.....	"	EX.H	"	132
Montebello road..	From Washington st.....	"	H.	"	54
Pelton st.....	From Irving st.....	"	H.	"	187
Barry st.....	Between Quincy and Hamilton sts.	Dor.	H.	"	345
Blue Hill av.....	Opposite Norfolk st. (Connection between Blue Hill ave. and Norfolk st.).....	"	H.	"	80
" " "	Opposite Rockville st. (Connection between 12-in. and 6-in. mains.)..	"	H.	"	74
Codman st.....	At Washington st.....	"	H.	"	45
Columbia road....	Between Hamilton st. and Wales pl.	"	H.	"	44
Freeland st.....	From Standard st.....	"	H.	"	108
Normandy st.....	At Grove st.....	"	H.	"	13
Rosewood st.....	Off Oakland st.....	"	H.	"	62
					7,198
<i>Carried forward.....</i>					

Statement of Main Pipe Extended. — Continued.

LOCATION.		District.	High or Low Service.	Size.	Length.
	<i>Brought forward</i>				7,198
Southern ave.....	Between Talbot ave. and Whitfield st.....	Dor.	H.	12-in.	133
C st.....	Between Congress and Fargo sts..	So. B.	L.	"	355
Eighth st.....	At Columbia road.....	"	L.	"	177
Fargo st.....	Between C and D sts.....	"	L.	"	158
N st.....	" Columbia road and Eighth st.....	"	L.	"	217
P st.....	" Columbia road and Sixth st.....	"	L.	"	222
Stillings st.....	Off Congress st.....	"	L.	"	612
Driveway (B. & M. R.R.).....	Off Austin st. and opposite Front st.	Chsn,	L.	"	12
Boardman st.	From Ford st.....	E. B.	L.	"	451
Orient ave.....	Between Park and Lafayette sts...	"	L.	"	186
	Total 12-inch.....				<u>9,721</u>
Devonshire st....	South from Milk st.....	C. P.	H.	10-in.	38
Mountford st.....	At Audubon road.....	Rox.	L.	"	48
Sterling st.....	Between Westminster and Warwick sts.....	"	L.	"	251
Colberg ave.....	Between Arden and Rexhame sts..	W. R.	H.	"	57
Railroad st.....	" Corey and Willow sts.....	"	H.	"	853
Westbourne road,	" Cornell and Beech sts.....	"	H.	"	132
Willow st.....	At Railroad st.....	"	H.	"	13
Holmes ave.....	West from Marshall terrace.....	Bri.	L.	"	286
Newcastle road...	From Hobson st.....	"	H.	"	106
Milton st.....	Between Adams and Granville sts.	Dor.	L.	"	435
Von Hillern st....	" Mt. Vernon and Locust sts.	"	L.	"	351
Dorchester ave. ..	At Foundry st.....	So. B.	L.	"	64
	Total 10-inch.....				<u>2,634</u>
Arch st.....	Between Franklin and Summer sts.	C. P.	H.	8-in.	244
Chambers st.....	" Brighton and Ashland sts.	"	L.	"	323
Congress st.....	" Franklin and Milk sts. ...	"	H.	"	328
Post Office sq.	(East side.) From Milk st.	"	H.	"	197
Bynner st.....	Between Day and Creighton sts....	Rox.	H.	"	354
Carlow st.....	" Chadwick and Albany sts.	"	L.	"	124
	<i>Carried forward</i>				1,570

Statement of Main Pipe Extended. — *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.
	<i>Brought forward</i>				1,570
Chisholm pk	Off Warren st.....	Rox.	H.	8-in.	461
Darling st.....	At Iroquois st.....	"	H.	"	4
Farnham st.	East from Gerard st.....	"	L.	"	262
Grove st.....	From Blue Hill ave.....	"	H.	"	524
Iroquois st.....	Between Wait and Darling sts.	"	H.	"	218
Sterling st.....	From Washington st.	"	L.	"	257
Worthington st....	Off Riverway.	"	L.	"	286
Asticou road.....	" Walk Hill st.....	W. R.	H.	"	39
Atlantis st.....	At Laselle st.....	"	H.	"	4
Chocorua st.	Off Asticou road.....	"	H.	"	200
Clarendon pk.....	" Poplar st.....	"	H.	"	132
Dent st.....	At Laselle st.....	"	H.	"	8
Harwood st.	" " "	"	H.	"	5
Ifley road.....	From Washington st.	"	H.	"	52
Malcolm st.....	" Colberg ave.....	"	Ex.H	"	83
Patten st	Between Rodman and Bourne sts..	"	H.	"	84
Union ave.....	Between Washington and Green sts.....	"	H.	"	191
Brooks st. (east side).....	Between Parkman st. and B. & A. R.R.....	Bri.	H.	"	38
Brooks st. (west side).....	Between Parkman st. and B. & A. R.R.	"	H.	"	29
Colwell ave.....	Off Chestnut Hill ave.	"	H.	"	247
Everett st.....	Southerly approach to bridge over B. & A. R.R.....	"	L.	"	133
Hobson st.	Between Faneuil and Hobart sts...	"	H.	"	1,083
Ballou ave... ..	South from Jones ave.....	Dor.	H.	"	43
Blue Hill ave.....	Opposite Almont st., connection between 16-inch and 6-inch mains.	"	H.	"	95
" " "	Opposite Dyer ave., connection be- tween 16-inch and 6-inch mains ..	"	H.	"	57
" " "	Opposite Tileston ave., connection between 16-inch and 6-inch mains.	"	H.	"	101
Bradshaw st.....	Between Glenway and Gleason sts.	"	H.	"	60
Ceylon st.....	At Columbia road.....	"	H.	"	41
Denny st.....	Between Savin Hill ave. and Savin Hill Beach.....	"	H.	"	125
	<i>Carried forward</i>				6,432

Statement of Main Pipe Extended. — *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.
	<i>Brought forward</i>				6,432
Grove st.....	Between Grove pk. and Normandy st.....	Dor.	H.	8-in.	174
Leonard st.....	Between Adams and Duncan sts...	"	L.	"	172
Maxwell st.....	" Nelson and Capen sts....	"	H.	"	281
Minot st.....	" Adams and Fredericka sts	"	L.	"	409
Phipps ave.....	" Mascoma and Perth sts...	"	H.	"	233
Salisbury st.....	From Greenbrier st.....	"	H.	"	378
Thane st.....	Between School and Athelwold sts,	"	H.	"	331
Torrey st.....	Between Chipman and Wentworth sts.....	"	H.	"	235
Unnamed st.....	Off Norfolk st., between Capen and Nelson sts.....	"	H.	"	34
Broadway Extension.....	At Dorchester ave.....	So. B.	L.	"	123
Dupont st.....	Between Chelsea and Decatur sts..	Chs'n.	L.	"	148
Roland st.....	" Stark and Crafts sts.....	"	L.	"	609
Stark st.....	" Cambridge and Roland sts.	"	L.	"	64
Montmorenci ave.	Off Orient ave.....	E. B.	H.	"	50
	Total 8-inch.....				<u>9,673</u>
Back st.....	Between Otter and Beaver sts.....	C. P.	L.	6-in.	110
Dillon st.....	At Lenox st.....	"	L.	"	21
" "	Between Sawyer and Lenox sts...	"	L.	"	98
Lincoln place....	Off Worcester st.....	"	L.	"	40
Otter st.....	Between Back and Beacon sts.....	"	L.	"	194
Grove pk.....	Off Grove st.....	Rox.	H.	"	127
" "	" " "	"	H.	"	19
Plymouth ct.....	" Harrison ave.....	"	L.	"	44
Quincy terrace...	" Quincy st.....	"	H.	"	163
Roseland st.....	Between Beacon and Medfield sts..	"	L.	"	295
Chauncy place....	From Washington st.....	W. R.	H.	"	20
Gilman st.....	At Sutton st.....	"	H.	"	40
Linden st.....	Between Cornell and Beach sts...	"	H.	"	254
Robinwood ave...	" Enfield and Centre sts....	"	H.	"	518
Sutton st.....	At Gilman st.....	"	H.	"	187
Bothwell road....	From Hobson st.....	Bri.	H.	"	127
	<i>Carried forward</i>				<u>2,257</u>

Statement of Main Pipe Extended. — *Continued.*

LOCATION.	District,	High or Low Service.	Size.	Lengths.
				2,257
Brooks st. (west side).....	Brought forward			
	Between Parkman st. and B. & A. R.R.....	Bri.	H. 6-in.	244
Donnybrook road,	From Hobson st.....	"	H. "	107
Empire st.....	South, from North Harvard st.....	"	L. "	473
Feneno terrace....	Off Holmes ave	"	L. "	157
Fiske terrace	" " "	"	L. "	144
Marshall terrace..	" " "	"	L. "	144
Bird st.....	At Hancock st.....	Dor.	H. "	39
Blue Hill ave (west side).....	Between Norfolk st. and N.Y., N.H. & H. R.R.....	"	H. "	845
Blue Hill ave (west side).....	Between Walk Hill and Tileston sts,	"	H. "	354
Coffey st.....	Between Newhall st. and Neponset ave.....	"	L. "	42
Columbia road	Between Quincy and Ceylon sts...	"	H. "	618
Cornell st.....	Off Bellevue st.....	"	H. "	197
Dyer st.....	Between Capen and Evans sts.....	"	H. "	331
Frances court.....	Off Greenmont st.....	"	L. "	167
Freeland st.....	From Standard st.....	"	H. "	8
Freeport st.....	At Hancock st.....	"	H. "	23
Half Moon st.....	From Hooper st.....	"	H. "	154
Harvest st.....	Off Willowwood st.....	"	H. "	41
Helen st.....	Between Bernard st. and Talbot ave	"	L. "	323
Kineo st.....	Between Magnolia and Mascoma sts	"	H. "	112
Malvern st.....	At Milton st.....	"	L. "	41
Richview st.....	Off Hillsdale st.	"	H. "	182
Sturbridge st.....	Between Monson and River sts....	"	H. "	180
Ufford st.....	At Dyer st.....	"	H. "	6
Wales st	Between Harvard and Nightingale sts.....	"	H. "	275
Broadway Extension	At Dorchester ave	So. B.	L. "	72
Covington st.....	" Dixfield st.	"	L. "	11
Dixfield st.....	Between Old Harbor and Covington sts.....	"	L. "	66
Douglass st.....	At Columbia road	"	L. "	69
	<i>Carried forward</i>			7,682

Statement of Main Pipe Extended. — *Concluded.*

LOCATION.		District.	High or Low Service.	Size.	Lengths.
	<i>Brought forward</i>				7,682
Hamlin st.....	At Columbia road.....	So. B.	L.	6-in.	37
Leeds st.....	Between Dorchester ave. and Woodward st.....	"	L.	"	221
Lovis st.....	Between Gold and Fifth sts.....	"	L.	"	149
Tudor st.....	" E and Dorchester sts.....	"	L.	"	124
Call st.....	" Park and Chelsea sts.....	Chsn.	L.	"	93
Carter st.....	From Roland st.....	"	L.	"	36
Collins st.....	West from Bayswater st.....	E.B.	L.	"	81
Paris place.....	Off Paris st.....	"	L.	"	179
Fiske terrace.....	Off Holmes ave., Brighton.....	Br'kline.	L.	"	34
Marshall terrace...	" " " ".....	"	L.	"	42
Atlantic st.....	At Squantum st.....	Quincy.	H.	"	4
	Total 6-inch.....				8,682
Pratt court.....	Off Weston st.....	Rox.	L.	4-in.	177
Unnamed way....	Off Hereford st., rear of Station 16,	"	L.	"	24
	Total 4-inch.....				201

Statement of Location, Size, and Number of Feet of Main Pipe Relaid during the Year ending January 31, 1902, and Former Size of the Same.

LOCATION.		District.	High or Low Service.	Size.	Length.	Former Size.
Brookline ave....	At Bellevue st.....	Rox.	L.	40-in.	25	40-in.
Bowdoin st.....	Between Beacon st. and Ashburton pl.	C.P.	L.	30-in.	420	30-in.
Southampton st...	Over N. Y., N. H. & H. R.R.....	So.B.	L.	20-in.	182	30-in.
Allen st.....	Between Charles and Blossom sts.....	C.P.	L.	16-in.	611	6 and 8-in.
Bowdoin st.....	Between Beacon st. and Ashburton pl.....	"	H.	"	397	16-in.
	<i>Carried forward</i>				1,008	

Statement of Main Pipe Relaid.— *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.	Former Size.
	<i>Brought forward</i>.....	.....	.....	.....	1,008	
Canal st.....	At Causeway st.	C.P.	L.	16-in.	19	16-in.
Causeway st.....	Between Medford and Wall sts.	"	L.	"	1,383	12-in.
Leverett st.	" Spring and Willard sts.	"	L.	"	37	"
Lowell st.....	Between Causeway and Willard sts	"	L.	"	816	6 and 8-in.
Lowell st.....	At Causeway st.....	"	L.	"	56	6-in.
Merrimac st.....	" " "	"	L.	"	92	12-in.
Spring st.	" Allen st.....	"	L.	"	36	6 in.
" "	Across Chambers st.....	"	L.	"	17	"
" "	Between Leverett and Allen sts	"	L.	"	688	6 and 12-in.
Staniford st.	At Merrimac st.....	"	L.	"	40	8-in.
" "	Between Green and Cambridge sts.....	"	L.	"	431	6-in.
" "	Between Green and Merrimac sts.	"	L.	"	460	8-in.
" "	Across Green st.	"	L.	"	90	6 and 8-in.
Willard st.	Between Lowell and Leverett sts.	"	L.	"	354	6-in.
Blue Hill ave.....	Between Maywood and Holborn sts.....	Rox.	H.	"	839	8-in.
Boylston st.....	At Brookline ave.....	"	L.	"	16	16-in.
Brookline ave. ...	" Bellevue st.....	"	L.	"	13	12-in.
Quincy st.....	Across Blue Hill ave.	"	H.	"	32	6 and 8-in.
Blue Hill ave. (east side).....	At Fremont st.....	Dor.	H.	"	55	12-in.
Blue Hill ave. (east side).....	Between Walk Hill and Collins sts.	"	H.	"	1,183	"
Columbia road...	Between I and Douglass sts.....	So.B.	L.	"	433	6-in.
" "	" O and Q sts.....	"	L.	"	5	16-in.
I st.....	At Columbia road.....	"	L.	"	26	6-in.
Bow st.	" Mason st.	Chsn.	L.	"	4	"
Front st.	" " "	"	L.	"	4	8-in.
Mason st.	Between Front and Bow sts.....	"	L.	"	219	4-in.
Miller st.....	Between Main st. and Rutherford ave.	"	L.	"	695	6-in.
	Total 16-inch .....	.....	.....	.....	9,051	

Statement of Main Pipe Relaid. — *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.	Former Size.
Allen st	Between Charles and Blossom sts	C. P.	L.	12-in.	202	6 and 8-in.
Appleton st	At Tremont st	"	L.	"	66	6-in.
Avon pl	Between Washington and Chauncy sts	"	L.	"	18	8-in.
Berkeley st	Between Stanhope and Boylston sts	"	L.	"	444	12-in.
" "	At Warren ave	"	L.	"	31	"
Boylston st	Between Gloucester and Hereford sts	"	L.	"	447	6-in.
Canton st	Between Albany and Washington sts	"	L.	"	1,282	"
" "	Between Washington and Tremont sts	"	L.	"	1,126	"
Charter st	Between Commercial and Snowhill sts	"	L.	"	70	"
Clarendon st	At Warren ave	"	L.	"	109	"
Corning st	Between Tremont and Porter sts	"	L.	"	137	"
" "	Between Wheeler st. and Shawmut ave	"	L.	"	128	"
Dartmouth st	Between Columbus ave. and Harwich st	"	L.	"	337	"
" "	Between Huntington ave. and N.Y., N. H. & H. R.R.	"	H.	"	475	"
Friend st	At Causeway st	"	L.	"	25	"
Hancock st	Between Cambridge and Derne sts	"	H.	"	635	4 and 6-in.
" "	At Mt. Vernon st	"	H.	"	53	12-in.
Haverhill st	Between Causeway and Charlestown sts	"	L.	"	968	6-in.
High st	Between Summer and Federal sts	"	L.	"	204	"
India st	Between Atlantic ave. and Milk st	"	L.	"	610	12-in.
" "	Between Milk and Central sts ..	"	L.	"	203	"
Mason st	From West st	"	H.	"	215	6-in.
Matthews st	At Congress st	"	L.	"	24	"
Milford st	Between Shawmut ave. and Tremont st	"	L.	"	672	"
Milk st	At Atlantic ave	"	L.	"	96	8-in.
	<i>Carried forward</i>				8,577	

Statement of Main Pipe Relaid.—Continued.

LOCATION.		District.	High or Low Service.	Size.	Length.	Former Size.
	<i>Brought forward</i>				8,577	
Mt. Vernon st.....	Between Joy st. and Hancock ave.....	C. P.	H.	12-in.	159	12-in.
Newbury st.....	Between Gloucester and Fairfield sts.....	"	L.	"	514	6-in.
Portland st.....	Between Causeway and Traverse sts.....	"	L.	"	547	"
Rutland sq. (south side).....	Between Tremont st. and Columbus ave.....	"	L.	"	824	"
Shawmut ave.....	Across Canton st.	"	L.	"	65	"
" "	Between Newton and Cherry sts.....	"	L.	"	3,070	"
State st.....	At Atlantic ave.....	"	L.	"	137	8 and 12-in.
Snowhill st.....	Between Prince and Charter sts.....	"	L.	"	833	6-in.
Tremont st.....	At Lenox st.....	"	L.	"	6	12-in.
Tyler st.....	Between Oak and Harvard sts..	"	L.	"	596	6-in.
Union Park st.....	Across Washington st.....	"	L.	"	63	"
" " "	At Shawmut ave.....	"	L.	"	46	"
Waltham st.....	" " "	"	L.	"	78	12-in.
Warren ave.	Between Berkeley st. and Columbus ave.....	"	L.	"	2,336	6-in.
Washington st....	Between Adams sq. and Hanover st.	"	L.	"	241	8-in.
Washington st. (east side).....	Between Canton and Union Park sts.....	"	L.	"	716	6-in.
Worcester sq.....	Between Harrison ave. and Washington st.....	"	L.	"	666	"
Worcester st.....	Between Washington and Tremont sts.....	"	L.	"	1,212	"
Brookline ave.	At Bellevue st.....	Rox.	L.	"	4	12-in.
Gainsboro' st.....	Between St. Stephen and Hemenway sts.....	"	L.	"	3	"
Hemenway st.	Between Boylston st. and Westland ave.....	"	L.	"	1,072	6-in.
Massachusetts ave.	At Huntington ave.....	"	L.	"	22	8 and 12-in.
*Quincy st.....	" Dacia st.....	"	H.	"	20	8-in.
*St. Alphonsus st..	" Smith st.....	"	L.	"	20	6-in.
Corey st.....	" Railroad st.....	W. R.	H.	"	19	12-in.
Forest Hills st....	From Washington st.....	"	H.	"	5	8-in.
Glen road.....	At Washington st.....	"	H.	"	11	12-in.
	<i>Carried forward</i>				21,862	

* Also raised; see statement of Main Pipe Raised, Lowered and Moved Laterally.

Statement of Main Pipe Relaid. — *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.	Former Size.
	<i>Brought forward</i>				21,862	
Laselle st.	Between Perham and Harwood sts.	W.R.	H.	12-in.	5	12-in.
Montclair ave.	At Burlingame way.	"	H.	"	4	"
Pelton st.	" Irving st.	"	H.	"	5	"
Washington st.	" Boylston st.	"	H.	"	24	"
Brooks st. (east side)	Between Parkman st. and B. and A. R. R.	Bri.	H.	"	250	"
Barry st.	Between Quincy and Hamilton sts.	Dor.	H.	"	5	"
Blue Hill ave. (east side)	Between Fremont and Norfolk sts.	"	H.	"	634	"
Columbia road.	Between Hamilton st. and Wales pl.	"	H.	"	511	"
Fremont st.	At Blue Hill ave.	"	H.	"	142	"
Glendale st.	" Hancock st.	"	H.	"	36	6-in.
Glenway	" Bradshaw st.	"	H.	"	8	12-in.
Nelson st.	" Norfolk st.	"	H.	"	51	6 and 12-in.
Norfolk st.	Between Edson st. and N. Y., N. H. & H. R. R.	"	H.	"	2,371	6-in.
Normandy st.	At Grove st.	"	H.	"	8	12-in.
Oakland st.	" N. Y., N. H. & H. R. R.	"	H.	"	12	"
Richfield st.	" Columbia road.	"	H.	"	34	"
Rockville st.	" Blue Hill ave.	"	H.	"	9	"
*Spencer st.	" Wheatland ave.	"	H.	"	22	6-in.
West Selden st.	Between Morton st. and proposed st.	"	L.	"	479	12-in.
G st.	Between Eighth st. and Columbia road.	So. B.	L.	"	21	6-in.
H st.	Between Eighth st. and Columbia road.	"	L.	"	294	8-in.
Austin st.	Between Lynde st. and Charles river.	Chsn.	L.	"	198	"
" "	Between Lynde st. and Charles river.	"	L.	"	348	"
Cambridge st.	At Carter st.	"	L.	"	8	8 and 12-in.
" "	" Rutherford ave.	"	L.	"	38	8-in.
" "	Between Rutherford ave. and Carter st.	"	L.	"	411	"
Front st.	Across Austin st.	"	L.	"	28	"
Atlantic st.	At Squantum st.	Q'y.	H.	"	7	12-in.
	Total 12-inch.				27,825	

* Also raised; see statement of Main Pipe Raised, Lowered and Moved Laterally.

Statement of Main Pipe Relaid. — *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.	Former Size.
Avon pl.....	Between Washington and Chauncy sts.....	C. P.	L.	10-in.	389	6-in.
Beverly st.....	At Causeway st.....	"	L.	"	16	"
Blossom st.....	" Allen st.....	"	L.	"	24	8-in.
Brighton st.....	" " ".....	"	L.	"	25	6-in.
" ".....	Across Chambers st.....	"	L.	"	17	"
Brookline st.....	" Shawmut ave.....	"	L.	"	64	"
Canton st.....	" Warren ave.....	"	L.	"	118	"
Chestnut st.....	Between Charles and West Cedar sts.....	"	L.	"	189	"
Church st.....	At Tremont st.....	"	L.	"	21	"
Concord st.....	Between Washington st. and Harrison ave.....	"	L.	"	644	"
Cooper st.....	At Salem st.....	"	L.	"	26	"
Dartmouth st.....	Between Huntington ave. and Boylston st.....	"	L.	"	369	"
" ".....	Across Marlboro' st.....	"	L.	"	64	"
Dedham st.....	" Shawmut ave.....	"	L.	"	68	"
" ".....	At Washington st. (east side)...	"	L.	"	19	"
" ".....	" " " (west side)...	"	L.	"	21	"
Kirkland st.....	Between Corning and Pleasant sts.....	"	L.	"	441	"
Lenox st.....	Between Tremont st. and Shawmut ave.....	"	L.	"	1,019	"
Nashua st.....	At Causeway st.....	"	L.	"	54	"
Parkman st.....	" North Russell st.....	"	L.	"	15	"
St. Botolph st.....	Between Massachusetts ave. and Newton st.....	C. P. and Rox.	L.	"	1,274	"
Stillman st.....	At Salem st.....	C. P.	L.	"	19	"
Stuart st.....	Off Dartmouth st.....	"	H.	"	13	"
West Cedar st.....	Between Pinckney and Chest- nut sts.....	"	L.	"	661	"
Cabot st.....	At Sterling st.....	Rox.	L.	"	4	"
Falmouth st.....	Between Massachusetts ave. and Norway st.....	"	L.	"	582	"
Massachusetts ave.	At St. Botolph st.....	"	L.	"	4	8-in.
Sterling st.....	Between Warwick and Cabot sts.....	"	L.	"	174	6-in.
	<i>Carried forward</i>				6,334	

Statement of Main Pipe Relaid. — *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.	Former Size.
	<i>Brought forward</i>				6,334	
Sterling st.....	Between Westminster st. and Shawmut ave	Rox.	L.	10-in.	271	6-in.
“ “	Between Westminster and Warwick sts.....	“	L.	“	106	“
Colberg ave.....	Between Arden and Rexhame sts.....	W. R.	H.	“	5	10-in.
*School st.....	Across Washington st.....	“	H.	“	85	6-in.
Westbourne road .	Between Cornell and Beech sts.....	“	H.	“	5	10-in.
Hobart st.....	Between Raneleigh road and Brooks st.....	Bri.	H.	“	429	6-in.
Holmes ave	West from Marshall terrace....	“	L.	“	16	10-in.
Newcastle road ...	From Hobson road.....	“	H.	“	5	“
Milton st	Between Adams and Granville sts.....	Dor.	L.	“	47	6 and 10-in.
Dorchester ave	At Foundry st.....	S. B.	L.	“	100	6-in.
First st.....	Between A and B sts.....	“	L.	“	654	“
	Total 10-inch				8,057	
Barton st	Across Chambers st.....	C.P.	L.	8-in.	40	“
Billerica st.....	At Causeway st.....	“	L.	“	49	“
Bradford st.....	“ Shawmut ave	“	L.	“	48	“
Brookline st.....	“ Warren ave.....	“	L.	“	76	“
Chambers st.....	Between Ashland and Poplar sts.....	“	L.	“	421	“
“ “	Between Brighton and Ashland sts.....	“	L.	“	196	4 and 6-in.
Chestnut st.....	Between Walnut and Spruce sts.. ..	“	H.	“	527	6-in.
Commercial wharf (north side)....	East of Atlantic ave	“	L.	“	195	6 and 8-in.
Commercial wharf (north and east sides).....	“ “ “ “	“	L.	“	199	“
Common st.....	Between Washington and Tremont sts.....	“	L.	“	439	6-in.
Commonwealth ave. (north side)	At Arlington st.....	“	L.	“	30	“
Commonwealth ave. (south side)	“ “ “	“	L.	“	20	“
	<i>Carried forward</i>				2,240	

*Also moved; see statement of Main Pipe Raised, Lowered and Moved Laterally.

Statement of Main Pipe Relaid.—Continued.

LOCATION.		District.	High or Low Service.	Size.	Length.	Former Size.
	<i>Brought forward</i>				2,240	
Congress st.....	Between Franklin and High sts.	C.P.	L.	8-in.	480	6-in.
Cumberland st ...	Between Huntington ave. and N. Y., N. H. & H. R.R.....	"	L.	"	572	"
Custom House st..	At India st.....	"	L.	"	16	"
Dwight st.....	" Shawmut ave.....	"	L.	"	20	"
Essex pl.....	Between Essex and Tufts sts...	"	L.	"	237	4-in.
Franklin st. (formerly Bread st.)	At India st.....	"	L.	"	16	6-in.
Groton st.....	" Shawmut ave.....	"	L.	"	49	"
Grove st.....	Between Revere and Myrtle sts.	"	H.	"	118	"
Hanson st.....	At Shawmut ave.....	"	L.	"	24	"
India st.....	Between Atlantic ave. and Milk st.....	"	L.	"	93	4-in.
James st.....	At Concord st.....	"	L.	"	19	6-in.
Lancaster st.....	" Causeway st.....	"	L.	"	26	"
Lincoln st.....	Between Kneeland and Beach sts.....	"	L.	"	373	"
Lowell st.....	Between Causeway and Willard sts.....	"	L.	"	6	8-in.
Lyman st.....	At Staniford st.....	"	L.	"	41	6-in.
Malden st.....	" Washington st.....	"	L.	"	5	8-in.
Marlboro' st.....	Between Arlington and Berkeley sts ..	"	L.	"	650	6-in,
"	Between Clarendon and Berkeley sts ..	"	L.	"	689	"
"	At Massachusetts ave.....	"	L.	"	85	"
Milton st	" Spring st.....	"	L.	"	22	4-in,
Morton st.....	" Salem st.....	"	L.	"	19	"
Newbury st.....	" Arlington st.....	"	L.	"	21	6-in.
Newland st.....	Across Canton st.....	"	L.	"	72	4-in.
North Russell st...	Between Cambridge and Eaton sts.....	"	L.	"	414	6-in.
Pembroke st	At Shawmut ave.....	"	L.	"	19	"
" "	" Warren ave.....	"	L.	"	93	"
Pinckney st.....	Across West Cedar st.....	"	L.	"	40	"
Poplar st.....	" Spring st.....	"	L.	"	36	"
Prospect st.....	At Merrimac st.....	"	L.	"	37	"
	<i>Carried forward</i>				6,532	

Statement of Main Pipe Relaid. — *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.	Former Size.
	<i>Brought forward</i>				6,532	
Revere st.....	Between Irving and Grove sts.,	C. P.	H.	8-in.	608	6-in.
Sears st.....	At India st.....	"	L.	"	38	"
Springfield st....	Between Harrison ave and Washington sts.....	"	L.	"	669	"
Temple st.....	Between Cambridge and Derne sts.....	"	H.	"	636	"
Tufts st.....	Between South and Utica sts...	"	L.	"	159	"
Union Park st....	Across Washington st.....	"	L.	"	7	8-in.
Union st.....	Between Hanover and Haymarket sq.....	"	L.	"	375	6-in.
Upton st.....	At Shawmut ave.....	"	L.	"	18	"
Walnut st.....	" Mt. Vernon st.....	"	H.	"	35	"
Wharf st.....	" India st.....	"	L.	"	15	"
Astor st.....	" Hemenway st.....	Rox.	L.	"	13	"
Carlow st.....	Between Chadwick and Albany sts.....	"	L.	"	173	4-in.
Chadwick st.....	At Carlow st.....	"	L.	"	3	6-in.
Commonwealth av. (north side).....	" Massachusetts ave.....	"	L.	"	96	"
Commonwealth av. (south side).....	" " ".....	"	L.	"	87	"
Dove st.....	" Blue Hill ave.....	"	H.	"	3	8-in.
Dundee st.....	" Massachusetts ave.....	"	L.	"	81	6-in.
Falmouth st.....	" " ".....	"	L.	"	66	"
Iroquois st.....	Between Wait and Darling sts..	"	H.	"	5	8-in.
Maywood st.....	At Blue Hill ave.....	"	H.	"	20	6-in.
Newbury st. (west side).....	" Massachusetts ave.....	"	L.	"	24	"
St. Botolph st....	" " ".....	"	L.	"	27	"
St. Stephen st....	" " ".....	"	L.	"	26	"
Savin st.....	" Blue Hill ave.....	"	H.	"	72	"
Clarendon pk....	Off Poplar st.....	W.R.	H.	"	5	8-in.
Malcolm st.....	From Colberg ave.	"	Ex.H	"	5	"
Patten st.....	Between Rodman and Bourne sts.....	"	H.	"	5	"
Union ave.....	Between Washington and Green sts.....	"	H.	"	134	6-in.
Brooks st. (east side).....	Between Parkman st. and B. & A. R.R.....	Bri.	H.	"	45	12-in.
	<i>Carried forward</i>				9,982	

Statement of Main Pipe Relaid. — *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.	Former size.
	<i>Brought forward</i>				9,982	
Parkman st.....	At Brooks st.....	Bri.	H.	8-in.	56	6-in.
Sparhawk st.....	Between Market and Menlow sts.....	"	H.	"	474	"
Ballou ave.....	South from Jones ave.....	Dor.	H.	"	5	8-in.
Bradshaw st.....	Between Glenway and Gleason st.....	"	H.	"	96	6-in.
Leonard st.....	Between Adams and Duncan sts.....	"	L.	"	330	"
Maxwell st.....	Between Nelson and Capen sts.	"	H.	"	4	"
Payson ave.....	At Hancock st.....	"	H.	"	30	"
Phipps ave.....	Between Mascoma and Perth sts.....	"	H.	"	8	8-in.
Quincy st.....	At Barry st.....	"	H.	"	3	"
Salisbury st.....	From Greenbrier st.....	"	H.	"	34	6-in.
Savin Hill ave.....	At Grampian way.....	"	L.	"	907	"
Wentworth st.....	" Torrey st.....	"	H.	"	4	"
B st.....	" Gold st.....	So.B.	L.	"	3	8-in.
Austin st.....	Between Lynde st. and Charles river.....	Chsn.	L.	"	141	"
"	Between Lynde st. and Charles river.....	"	L.	"	89	"
Cambridge st.....	At Rutherford ave.....	"	L.	"	11	"
"	" Stark st.....	"	L.	"	3	"
*Ferrin st.....	" Jackson st.....	"	L.	"	16	6-in.
Front st.....	" Mason st.....	"	L.	"	17	8-in.
Lawrence st.....	Between Miller and Austin sts...	"	L.	"	556	6-in.
Stark st.....	Between Cambridge and Roland sts.....	"	L.	"	175	"
Gove st.....	Between Chelsea and Havre sts.....	E.B.	L.	"	639	"
Havre st.....	Between Meridian and Bennington sts.....	"	L.	"	2,118	"
	Total 8-inch.....				<u>15,701</u>	
Baldwin pl.....	Off Salem st.....	C. P.	L.	6-in.	177	4-in.
Bartlett pl.....	" " "	"	L.	"	23	"
Bond st.....	At Milford st.....	"	L.	"	17	"
Carroll pl.....	Off Salem st.....	"	L.	"	19	"
	<i>Carried forward</i>				<u>236</u>	

* Also lowered; see statement of Main Pipe Raised, Lowered, and Moved Laterally.

Statement of Main Pipe Relaid.—Continued.

LOCATION.		District.	High or Low Service.	Size.	Length.	Former Size.
	<i>Brought forward</i>.....	.....	.....	.....	236	
Chambers st.....	Between No. 129 and No. 135....	C. P.	L.	6-in.	4	6-in.
Cumston st.....	Between Rutland and Concord sts.....	"	L.	"	200	4-in.
Dartmouth st.....	Across Marlboro' st.....	"	L.	"	12	6-in.
Dillon st.....	Between Sawyer and Lenox sts.	"	L.	"	119	4-in.
Fulton pl.....	" Fulton and North sts..	"	L.	"	317	"
Hancock ave.....	Between Beacon and Mt. Vernon sts.....	"	H.	"	128	"
Jefferson st.....	At Tremont st.....	"	L.	"	23	"
Kennard ave.....	" Allen st.....	"	L.	"	31	"
Louisburg sq.....	" Mt. Vernon st.....	"	H.	"	22	"
Malcolm s.....	" Chestnut st.....	"	L.	"	31	"
Mt. Vernon ave..	Across Mt. Vernon st.....	"	L.	"	51	"
" " pl.....	At Hancock ave.....	"	H.	"	13	6-in.
Newland st.....	Between Brookline and Newton sts.....	"	L.	"	405	4-in.
Parnell st.....	Between Sawyer and Lenox sts.	"	L.	"	284	"
Portland st.....	Between Causeway and Traverse sts.....	"	L.	"	10	6-in.
Ringgold st.....	Bet. Hanson and Waltham sts..	"	L.	"	233	4-in.
Staniford pl.....	Off Staniford st.....	"	L.	"	151	"
Taylor st.....	At Milford st.....	"	L.	"	33	"
Webster ave.....	Off Hanover st.....	"	L.	"	30	"
Worcester sq.....	Between Harrison ave. and Washington st.....	"	L.	"	18	6-in.
Chadwick st.....	At Carlow st.....	Rox.	L.	"	25	"
Church pl.....	Off Cabot st.....	"	L.	"	167	3-in.
Dallas pl.....	" " ".....	"	L.	"	227	"
Kearsarge ave....	At Winthrop st.....	"	H.	"	22	4-in.
Plymouth ct.....	Off Harrison ave.....	"	L.	"	217	"
Quincy st.....	Across Blue Hill ave.....	"	H.	"	3	6 and 8-in.
Chauncy pl.....	From Washington st.....	W. R.	H.	"	12	6-in.
Gilman st.....	At Sutton st.....	"	H.	"	4	"
Linden st.....	Between Cornell and Beach sts.	"	H.	"	4	"
Peter Parley road	At Washington st.....	"	H.	"	5	"
	<i>Carried forward</i>.....	.....	.....	.....	3,037	

Statement of Main Pipe Relaid.—*Concluded.*

LOCATION.		District.	High or Low Service.	Size.	Length.	Former Size.
	<i>Brought forward</i>				3,037	
Robinwood ave...	Bet. Enfield and Centre sts....	W. R.	H.	6-in.	6	6-in.
Sutton st.....	At Gilman st.....	"	H.	"	4	"
Bothwell road...	From Hobson st.....	Bri.	H.	"	3	"
Donnybrook road,	" " ".....	"	H.	"	3	"
Fiske terrace....	Off Holmes ave.....	"	L.	"	4	"
Marshall terrace..	" " ".....	"	L.	"	4	"
Ballou pl.....	At Norfolk st.....	Dor.	H.	"	14	"
Coffey st.....	Bet. Newhall st. and Neponset ave.....	"	L.	"	3	"
Dyer st.....	Bet. Capen and Evans sts....	"	H.	"	4	"
Half Moon st....	From Hooper st.....	"	H.	"	4	"
Harvest st.....	Off Willowwood st.....	"	H.	"	4	"
Kineo st.....	Bet. Magnolia and Mascoma sts	"	H.	"	4	"
Malvern st.....	At Milton st.....	"	L.	"	4	"
Mascoma st.....	" Phipps ave.....	"	H.	"	3	"
Richview st.....	Off Hillsdale st.....	"	H.	"	4	"
Sturbridge st....	Bet. Monson and River sts....	"	H.	"	4	"
Tileston pl.....	Off Neponset ave.....	"	L.	"	40	4-in.
Dixfield st.....	Bet. Old Harbor and Covington sts.....	S. B.	L.	"	6	6-in.
Gold st.....	Bet. B and C sts.....	"	L.	"	155	4-in.
Ninth st.....	From Columbia road.....	"	L.	"	10	6-in.
Tudor st.....	At D st.....	"	L.	"	19	4-in.
" ".....	Bet. E and Dorchester sts....	"	L.	"	864	"
Bow st.....	At Mason st.....	Ch'n	L.	"	20	6-in.
Call st.....	Bet. Park and Chelsea sts....	"	L.	"	196	4-in.
Call Street pl....	At Call st.....	"	L.	"	12	"
Essex st.....	" Lyndeboro' st.....	"	L.	"	3	6-in.
Ferrin st.....	" Jackson st.....	"	L.	"	15	"
Perry st.....	" Decatur st.....	"	L.	"	6	4-in.
Tufts ct.....	Bet. Tufts and Corey sts....	"	L.	"	173	"
Collins st.....	West from Bayswater st.....	E. B.	L.	"	3	6-in.
	Total 6-inch.....				4,631	
Parnell st.....	At Lenox st.....	C. P.	L.	4-in.	3	4-in.

Statement of Private Main Laid during the Year.

(Not included in Boston Water Department System.)

To whom.	Where.	High or Low Service.	Size.	Length.
Boston and Maine R.R.....	In Driveway off Austin st., at a point opposite Front st.....	L.	12	48

Statement of Main Pipe Raised, Lowered, and Moved Laterally.

NOTE.—This work was occasioned by the operations of corporations, contractors and others, the changing of street grades and sewer construction.

LOCATION.	District.	Size.	High or Low.	Length.	Raised, Lowered or Moved.
Chestnut Hill ave. Over B. & A. R.R.....	Bri.	36-in.	L.	75	Raised.
Atlantic ave..... North side of State st.....	C.P.	16-in.	L.	79	Moved.
“ “ South “ “ “ “	“	“	L.	42	“
Total 16-inch.....				121	
Berkeley st..... Between Stanhope and Boylston sts.....	C.P.	12-in.	L.	36	Lowered.
Hanover st..... At Washington st.....	“	“	L.	31	Moved.
Francis st..... “ Brookline ave.....	Rox.	“	L.	7	Lowered.
Riverway “ “ “	“	“	L.	16	Raised.
Walnut ave..... “ Ruthven st.....	“	“	H.	27	Lowered.
Centre st..... “ Pond st.....	W.R.	“	H.	17	Raised.
Hyde Park ave... Opposite No. 498.....	“	“	H.	17	“
Blue Hill ave..... At Mattapan Station, N. Y., N. H. & H. R.R.....	Dor.	“	H.	197	Lowered.
Columbia road... At Hamilton st.....	“	“	H.	10	Raised.
Hamilton st..... “ Columbia road.	“	“	H.	150	Lowered.
Hancock st..... “ Dorchester ave.....	“	“	L.	8	Moved.
Oakland st..... “ Bismarck st.....	“	“	H.	23	Raised.
“ “ “ N. Y., N. H. & H. R.R....	“	“	H.	75	Lowered.
Richfield st..... “ Columbia road.....	“	“	H.	36	“
West Selden st... Near Morton st.....	“	“	L.	120	Raised.
“ “ “ ... “ “ “	“	“	L.	98	“
“ “ “ ... Between Morton st. and proposed st.....	“	“	L.	75	Lowered.
Boardman st..... From Ford st.....	E.B.	“	L.	360	“
Total 12-inch.....				1,303	

Statement of Main Pipe Raised, Etc.— *Concluded.*

LOCATION.		District.	Size.	High or Low.	Length.	Raised, Lowered or Moved.
Essex st.....	At Chauncy st.....	C.P.	8-in.	L.	10	Moved.
Gilbert pl.....	“ Summer st.....	“	“	L.	27	“
*Quincy st.....	“ Dacia st.....	Rox.	“	H.	20	Raised.
Spring st.....	“ Powell st.....	W.R.	“	H.	14	Lowered.
Summer st.....	Near Powell st.....	“	“	H.	16	Raised.
Wainwright st....	At Brent st.....	Dor.	“	H.	36	“
Wheatland ave....	“ Spencer st.....	“	“	H.	8	“
“ “	“ Whitfield st.....	“	“	H.	10	Moved.
Austin st.....	“ Front st.....	Chsn.	“	L.	36	Lowered.
“ “	“ “ “	“	“	L.	33	“
	Total 8-inch.....				210	
Chauncy st.....	At Essex st.....	C.P.	6-in.	L.	15	Raised.
Brookline ave....	“ Peabody st.....	Rox.	“	L.	9	Lowered.
Cobden st.....	“ Walnut ave.....	“	“	H.	14	“
Faxon st.....	“ Smith st.....	“	“	L.	14	“
George st.....	“ Langdon st.....	“	“	L.	10	Raised.
Harold st.....	“ Ruthven st.....	“	“	H.	11	“
Oregon st.....	“ Smith st.....	“	“	L.	15	“
Phillips st.....	“ “ “	“	“	L.	10	“
* St. Alphonsus st.	“ “ “	“	“	L.	17	“
Smith st.....	“ St. Alphonsus st.....	“	“	L.	19	Moved.
Westminster ave..	“ Walnut ave.....	“	“	H.	12	Lowered.
St. Joseph st.....	“ South st.....	W.R.	“	H.	17	Raised.
* School st.....	Across Washington st.....	“	“	H.	79	Moved.
Brent st.....	At Wainwright st.....	Dor.	“	H.	51	Moved and Raised.
Columbia terrace..	“ Columbia road.....	“	“	H.	60	Lowered.
Glendale st.....	“ Hancock st.....	“	“	H.	16	Raised.
Johnson terrace...	Off Lauriat ave.....	“	“	H.	51	Lowered.
* Spencer st.....	At Wheatland ave.....	“	“	H.	22	Raised.
Whitfield st.....	Opposite West Tremlett st. .	“	“	H.	8	“
O st.....	At Broadway	S.B.	“	L.	69	Lowered.
* Ferrin st.....	“ Jackson st.....	Chsn.	“	L.	21	“
	Total 6-inch.....				540	
Hancock st.....	Opposite Wheelock ave.....	Dor.	4-in.	H.	10	Raised.
	Total number of feet.....				2,259	

*The size of pipe increased; see statement of Main Pipe Relaid.

Statement of Location, Size, and Number of Feet of Main Pipe Abandoned during the Year ending January 31, 1902.

LOCATION.		District.	High or Low Service.	Size.	Length.
Brookline av.....	At Bellevue st.....	Rox.	L.	40-in.	25
Bowdoin st.....	Between Beacon st. and Ashburton pl.	C.P.	L.	30-in.	420
“ “	“ “ “ “ “ “	“	H.	16-in.	377
Canal st.....	At Causeway st.....	“	L.	“	19
Boylston st.....	“ Brookline ave.....	Rox.	L.	“	16
Columbia road....	Between O and Q sts.....	S.B.	L.	“	5
Alford st.....	Opposite Metropolitan Sewerage Pump Station.....	Chsn.	L.	“	33
	Total 16-inch.....				450
Berkeley st.....	Over N. Y., N. H. & H. R.R. bridge....	C.P.	L.	12-in.	349
“ “	At Warren ave.....	“	L.	“	31
“ “	Between Stanhope and Boylston sts...	“	L.	“	122
Causeway st.....	“ Medford and Wall sts.....	“	L.	“	1,383
Hancock st.....	At Mt. Vernon st.....	“	H.	“	58
India st.....	Between Atlantic ave. and Milk st....	“	L.	“	610
“ “	“ Central and State sts.....	“	L.	“	45
“ “	“ Milk and Central sts.....	“	L.	“	203
Leverett st.....	“ Spring and Willard sts.....	“	L.	“	37
Merrimac st.....	At Causeway st.....	“	L.	“	92
Mt. Vernon st....	Between Joy st. and Hancock ave....	“	H.	“	159
Spring st.....	“ Leverett and Allen sts.....	“	L.	“	40
State st.....	At Atlantic ave.....	“	L.	“	16
Travers st.....	“ Haverhill st.....	“	L.	“	17
Tremont st.....	“ Lenox st.....	“	L.	“	6
Waltham st.....	“ Shawmut ave.....	“	L.	“	78
Brookline ave....	“ Bellevue st.....	Rox.	L.	“	17
Gainsboro' st. ...	Between St. Stephen and Hemenway sts.....	“	L.	“	3
Massachusetts av.	At Huntington ave.....	“	L.	“	5
Centre st.....	Between Pond st. and Grosvenor road,	W. R.	H.	“	102
Cory st.....	At Railroad st.....	“	H.	“	19
Glen road.....	“ Washington st.....	“	H.	“	47
Green st. (north side)	From Washington st.....	“	H.	“	380
	<i>Carried forward</i>				3,814

Statement of Main Pipe Abandoned.— *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.
<i>Brought forward</i>					3,814
Lascelle st.....	Between Perham and Harwood sts...	W. R.	H.	12-in.	5
Montclair ave.....	At Burlingame Way.....	"	H.	"	4
Pelton st.....	" Irving st.....	"	H.	"	5
Washington st....	" Boylston st.....	"	H.	"	24
Brooks st. (east side).....	Between B. & A. R.R. and Parkman st.	Bri.	H.	"	288
Barry st.....	" Quincy and Hamilton sts....	Dor.	H.	"	5
Columbia road....	" Hamilton st. and Wales pl....	"	H.	"	511
Glenway	At Bradshaw st.....	"	H.	"	8
Nelson st	" Norfolk st.....	"	H.	"	14
Normandy st.....	" Grove st	"	H.	"	8
Richfield st.....	" Columbia road.....	"	H.	"	55
Rockville st.....	" Blue Hill ave.....	"	H.	"	64
West Selden st....	Between Morton st. and proposed st...	"	L.	"	479
Cambridge st.....	At Carter st.....	Chsn.	L.	"	4
Front st.....	" Austin st	"	L.	"	24
Atlantic st.....	" Squantum st.....	Qy.	H.	"	7
Total 12-inch.....					<u>5,319</u>
Colberg ave.....	Between Arden and Rexhame sts.....	W. R.	H.	10-in.	5
Westbourne road..	" Cornell and Beech sts.....	"	H.	"	5
Holmes ave.....	West from Marshall terrace.....	Bri.	L.	"	16
Newcastle road ...	From Hobson st.....	"	H.	"	5
Milton st.....	Between Adams and Granville sts....	Dor.	L.	"	5
Total 10-inch.....					<u>36</u>
Allen st.....	Between Charles and Blossom sts.....	C.P.	L.	8-in.	774
Avon pl.....	" Washington and Chauncy sts.	"	L.	"	18
Blossom st	At Allen st.....	"	L.	"	24
Commercial wharf north side.....	East of Atlantic ave.....	"	L.	"	4
Commercial wharf (north and east side)	East of Atlantic ave.....	"	L.	"	6
Lowell st.....	Between Causeway and Willard sts....	"	L.	"	153
Malden st	At Washington st.....	"	L.	"	76
Milk st	" Atlantic ave.....	"	L.	"	96
<i>Carried forward</i>					<u>1,151</u>

Statement of Main Pipe Abandoned.— *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.
	<i>Brought forward</i>				1,151
Staniford st.....	Across Green st	C. P.	L.	8-in.	58
“ “	At Merrimac st.....	“	L.	“	40
“ “	Between Green and Merrimac sts.....	“	L.	“	460
State st.....	At Atlantic ave.....	“	L.	“	112
Union Park st....	Across Washington st.....	“	L.	“	7
Washington st....	Between Adams sq. and Hanover st...	“	L.	“	241
Blue Hill ave.....	Between Maywood and Holborn sts...	Rox.	H.	“	839
Dove st.....	At Blue Hill ave	“	H.	“	3
Iroquois st.....	Between Wait and Darling sts.....	“	H.	“	5
Massachusetts av.	At Huntington ave.....	“	L.	“	17
“ “	“ St. Botolph st.....	“	L.	“	4
Quincy st.....	Across Blue Hill ave.....	“	H.	“	6
“ “	At Dacia st.....	“	H.	“	20
Clarendon park...	Off Poplar st.....	W.R.	H.	“	5
Forest Hills st....	From Washington st.....	“	H.	“	5
Malcolm st.....	“ Colberg ave.....	“	EX.H	“	5
Patten st.....	Between Rodman and Bourne sts.....	“	H.	“	5
Washington st.....	“ Boylston and Forest Hills sts.	“	H.	“	648
Crosby st.....	At Brooks st.....	Bri.	H.	“	25
Ballou ave.....	South of Jones ave.....	Dor.	H.	“	5
Phipps ave.....	Between Mascoma and Perth sts.....	“	H.	“	8
Quincy st.....	At Barry st.....	“	H.	“	3
B st.....	“ Gold st.....	S.B.	L.	“	3
H st.....	Between Eighth st. and Columbia road,	“	L.	“	307
Austin st.....	“ Lynde st. and Charles river..	Chs'n	L.	“	437
Cambridge st.....	At Carter st.....	“	L.	“	4
“ “	“ Rutherford ave.....	“	L.	“	49
“ “	Between Rutherford ave. and Carter st.	“	L.	“	1,400
“ “	At Stark st.....	“	L.	“	3
Front st.....	“ Mason st.....	“	L.	“	21
“ “	Across Austin st.....	“	L.	“	28
“ “	At Austin st.....	“	L.	“	44
	Total 8-in.....				<u>5,968</u>

Statement of Main Pipe Abandoned. — *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.
Allen st.....	Between Charles and Blossom sts.....	C.P.	L.	6-in.	39
Appleton st.....	At Tremont st.....	"	L.	"	66
Avon pl.....	Between Washington and Chauncy sts.	"	L.	"	389
Barton st.....	Across Chambers st.....	"	L.	"	40
Beverly st.....	At Causeway st.....	"	L.	"	16
Billerica st.....	" " ".....	"	L.	"	49
Boylston st.....	Between Gloucester and Hereford sts..	"	L.	"	447
Bradford st.....	At Shawmut ave.....	"	L.	"	48
Brighton st.....	Across Chambers st.....	"	L.	"	17
" ".....	At Allen st....	"	L.	"	25
Brookline st.....	Across Shawmut ave.....	"	L.	"	64
" ".....	At Warren ave.....	"	L.	"	76
Bumstead ct.....	Off Boylston st.....	"	H.	"	20
Canton st.....	Between Albany and Washington sts..	"	L.	"	1,282
" ".....	" Washington and Tremont st..	"	L.	"	1,126
" ".....	Across Warren ave.....	"	L.	"	118
Chambers st.....	Between Nos. 129-135.....	"	L.	"	4
" ".....	" Ashland and Poplar sts.....	"	L.	"	421
" ".....	" Brighton and Ashland sts....	"	L.	"	12
Charter st.....	" Commercial and Snowhill sts.	"	L.	"	70
Chestnut st.....	" Charles and West Cedar sts..	"	L.	"	189
" ".....	" Walnut and Spruce sts.	"	H.	"	527
Church st.....	At Tremont st.....	"	L.	"	21
Clarendon st.....	" Warren ave.....	"	L.	"	109
Common st.....	Between Washington and Tremont sts.	"	L.	"	439
Commonwealth av. (north side.)....	At Arlington st.....	"	L.	"	30
Commonwealth av. (south side)....	" " ".....	"	L.	"	20
Cooper st.....	" Salem st.....	"	L.	"	26
Congress st.....	Between Franklin and High sts.....	"	L.	"	480
Concord st.....	Between Washington st. and Harrison ave.....	"	L.	"	644
Corning st.....	Between Wheeler st. and Shawmut ave.....	"	L.	"	128
" ".....	Between Tremont and Porter sts.....	"	L.	"	137
	<i>Carried forward</i>				7,079

Statement of Main Pipe Abandoned. — *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.
<i>Brought forward</i>.....		.....	.....	.....	7,079
Cumberland st.....	Between Huntington ave. and N. Y., N. H. & H. R.R.....	C.P.	L.	6-in.	572
Custom House st..	At India st.....	"	L.	"	16
Dartmouth st.....	Between Huntington ave. and N. Y., N. H. & H. R.R. bridge.....	"	H.	"	477
" "	Across Marlboro' st.....	"	L.	"	76
" "	Between Columbus ave. and Harwich st.	"	L.	"	337
" "	Between Huntington ave. and Boylston st..	"	L.	"	369
Dedham st.....	At Washington st. (east side).....	"	L.	"	90
" "	" " " (west side).....	"	L.	"	24
" "	Across Shawmut ave.....	"	L.	"	68
Dwight st.....	At Shawmut ave.....	"	L.	"	20
Franklin st. (for- merly Bread st.),	" India st.....	"	L.	"	16
Friend st.....	" Causeway st.....	"	L.	"	25
Groton st.....	" Shawmut ave.....	"	L.	"	49
Grove st.....	Between Revere and Myrtle sts.....	"	H.	"	118
Hancock st.....	" Cambridge and Derne sts.....	"	H.	"	635
Hanson st.....	At Shawmut ave.....	"	L.	"	24
Haverhill st.....	Between Causeway and Charlestown sts.	"	L.	"	968
Haymarket pl....	Off Avery st.....	"	H.	"	20
" "	" " "	"	H.	"	7
High st.....	Between Summer and Federal sts.....	"	L.	"	204
James st.....	At Concord st.....	"	L.	"	19
Kirkland st.....	Between Corning and Pleasant sts.....	"	L.	"	441
Lancaster st.....	At Causeway st.....	"	L.	"	26
Lenox st.....	Between Tremont st. and Shawmut ave.....	"	L.	"	1,019
Lincoln st.....	Between Kneeland and Beach sts.....	"	L.	"	373
Lowell st.....	At Causeway st.....	"	L.	"	56
" "	Between Causeway and Willard sts...	"	L.	"	669
Lyman st.....	At Staniford st.....	"	L.	"	41
Marlboro' st.....	At Massachusetts ave.....	"	L.	"	85
" "	Between Arlington and Berkeley sts...	"	L.	"	650
" "	" Clarendon and Berkeley sts..	"	L.	"	689
<i>Carried forward</i>.....		.....	.....	.....	15,262

Statement of Main Pipe Abandoned. — *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.
	<i>Brought forward</i>				15,262
Mason st.....	From West st.....	C. P.	H.	6-in.	215
Matthew st.....	At Congress st.....	"	L.	"	24
Milford st.....	Between Shawmut ave. and Tremont st.	"	L.	"	672
Mt. Vernon st.....	" Beacon st. and Beacon Hill pl.	"	H.	"	200
" ".....	Between Hancock ave. and State House archway.....	"	H.	"	168
Mt. Vernon pl.....	At Hancock ave.....	"	H.	"	13
Mt. Vernon st.....	Between Joy st. and Hancock ave.....	"	H.	"	66
Nashua st.....	At Causeway st.....	"	L.	"	54
Newbury st.....	At Arlington st.....	"	L.	"	21
" ".....	Between Gloucester and Fairfield sts..	"	L.	"	514
North Russell st...	" Cambridge and Eaton sts.....	"	L.	"	414
Parkman st.....	At North Russell st.	"	L.	"	15
Pembroke st.....	" Warren ave.....	"	L.	"	93
" ".....	" Shawmut ave.....	"	L.	"	19
Pinckney st.....	Across West Cedar st.....	"	L.	"	40
Poplar st.....	" Spring st.....	"	L.	"	36
Portland st.....	Between Causeway and Traverse sts...	"	L.	"	557
Prospect st.....	At Merrimac st.....	"	L.	"	37
Revere st.....	Between Irving and Grove sts.....	"	H.	"	608
Rutland sq. (south side.)	" Tremont st. and Columbus ave.	"	L.	"	824
Sears st.....	At India st.....	"	L.	"	38
Shawmut ave.....	Between Newton and Cherry sts.....	"	L.	"	3,070
" ".....	Across Canton st.....	"	L.	"	65
Snowhill st.....	Between Prince and Charter sts.....	"	L.	"	833
Spring st.....	Across Chambers st.....	"	L.	"	17
" ".....	At Allen st.....	"	L.	"	36
" ".....	Between Leverett and Allen sts.....	"	L.	"	648
Springfield st.....	Between Harrison ave. and Washington st.....	"	L.	"	669
Staniford st.....	Across Green st.....	"	L.	"	32
" ".....	Between Green and Cambridge sts....	"	L.	"	431
St. Botolph st.....	Between Massachusetts ave. and Newton st.....	"	L.	"	1,274
	<i>Carried forward</i>				26,965

Statement of Main Pipe Abandoned.— *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.
	<i>Brought forward</i>				26,965
Stillman st.....	At Salem st.	C.P.	L.	6-in.	19
Stuart st.....	Off Dartmouth st.	"	H.	"	13
Temple st.....	Between Cambridge and Derne sts.....	"	H.	"	636
Tufts st.....	' " South and Utica sts.....	"	L.	"	159
Tyler st.	" Harvard and Oak sts.....	"	L.	"	596
Union st.....	Between Hanover st. and Haymarket sq.....	"	L.	"	375
Union Park st....	At Shawmut ave.....	"	L.	"	46
" " "	Across Washington st.....	"	L.	"	63
Upton st.....	At Shawmut ave.....	"	L.	"	18
Walnut st.	" Mt. Vernon st.....	"	H.	"	35
Warren ave..	Between Berkeley st. and Columbus ave.....	"	L.	"	2,336
Washington st. (east side).....	Between Canton and Union Park sts..	"	L.	"	716
West Cedar st....	" Chestnut and Pinckney sts...	"	L.	"	661
Wharf st.....	At India st.	"	L.	"	15
Willard st.	Between Lowell and Leverett sts.....	"	L.	"	354
Worcester sq.....	Between Harrison ave. and Washington st.....	"	L.	"	684
Worcester st.....	Between Washington and Tremont sts.	"	L.	"	1,212
Astor st.	At Hemenway st.....	Rox.	L.	"	13
Cabot st.....	" Sterling st.	"	L.	"	4
Chadwick st.....	" Carlow st.....	"	L.	"	28
Commonwealth ave. (south side).	At Massachusetts ave.....	"	L.	"	87
Commonwealth ave. (north side).	" " "	"	L.	"	96
Deerfield st.	At Charles river.....	"	L.	"	5
Dundee st.....	" Massachusetts ave.....	"	L.	"	68
Falmouth st.....	" " "	"	L.	"	66
" "	Between Massachusetts ave. and Norway st.....	"	L.	"	582
Hemenway st....	Between Boylston st. and Westland ave.....	"	L.	"	1,072
Maywood st.....	At Blue Hill ave.....	"	H.	"	20
Newbury st. (west side).....	" Massachusetts ave.....	"	L.	"	24
	<i>Carried forward</i>				36,968

Statement of Main Pipe Abandoned. — *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.
	<i>Brought forward</i>				36,968
Quincy st.....	Across Bellevue ave.....	Rox.	H.	6-in.	29
Savin st.	At Blue Hill ave.....	"	H.	"	72
Smith st.	" Phillips st.....	"	L.	"	14
St. Alphonsus st..	" Smith st.	"	L.	"	17
St. Botolph st.	" Massachusetts ave.....	"	L.	"	27
Sterling st.....	Between Warwick and Cabot sts.....	"	L.	"	174
" "	Between Westminster st. and Shawmut ave.....	"	L.	"	271
" "	Between Westminster and Warwick sts.....	"	L.	"	106
St. Stephen st	At Massachusetts ave.....	"	L.	"	26
Chauncy pl.....	From Washington st.....	W.R.	H.	"	12
Gilman st.....	At Sutton st.....	"	H.	"	4
Linden st.....	Between Cornell and Beech sts.....	"	H.	"	4
Peter Parley road.	At Washington st.....	"	H.	"	7
Robinwood ave...	Near Enfield st.	"	H.	"	38
" " ..	Between Enfield and Centre sts.....	"	H.	"	6
School st.....	Across Washington sts.....	"	H.	"	79
Sutton st.....	At Gilman st.....	"	H.	"	4
Union ave.....	Between Washington and Green sts...	"	H.	"	134
Washington st....	Sylvia and Forest Hills sts.	"	H.	"	361
Rothwell road...	From Hobson st.	Bri.	H.	"	3
Donnybrook road..	" " "	"	H.	"	3
" " ..	At Faneuil st.	"	H.	"	88
Fiske terrace.....	Off Holmes ave.	"	L.	"	4
Hobart st.....	Between Raneleigh road and Brooks st.	"	H.	"	429
Marshall terrace..	Off Holmes ave.....	"	L.	"	4
Parkman st.	At Brooks st.....	"	H.	"	56
Sparhawk st.....	Between Market and Menlo sts.....	"	H.	"	474
Ballou pl.....	At Norfolk st.	Dor.	H.	"	14
Bradshaw st.....	Between Glenway and Gleason sts.....	"	H.	"	96
Coffey st.....	" Newhall st. and Neponset ave.	"	L.	"	3
Dyer st.....	" Capen and Evans sts.....	"	H.	"	4
Glendale st.....	At Hancock st.	"	H.	"	36
	<i>Carried forward</i>				39,567

Statement of Main Pipe Abandoned. — *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.
	<i>Brought forward.</i>				39,567
Half Moon st.....	From Hooper st.	Dor.	H.	6-in.	4
Harvest st.....	Off Willowood st.....	"	H.	"	4
Joseph st.....	At Wainwright st.....	"	L.	"	23
Kineo st.	Between Magnolia and Mascoma sts...	"	H.	"	4
Leonard st.....	" Adams and Duncan sts.....	"	L.	"	330
Malvern st.	At Milton st.....	"	L.	"	4
Mascoma st.....	" Phipps ave.....	"	H.	"	3
Mattapan st.	" Blue Hill ave.	"	H.	"	63
Maxwell st.....	Between Nelson and Capen sts.....	"	H.	"	4
Milton st.....	" Adams and Greenville sts....	"	L.	"	42
Milton ave.....	Near Lauriat ave.	"	H.	"	68
Nelson st.	At Norfolk st.	"	H.	"	37
Norfolk st.	Between Edson st. and N. Y., N. H., & H. R.R.	"	H.	"	2,371
Payson ave.....	At Hancock st.....	"	H.	"	30
Richview st.	Off Hillsdale st.	"	H.	"	4
Salisbury st.	From Greenbrier st.....	"	H.	"	34
Savin Hill ave....	At Grampian way.....	"	L.	"	907
Spencer st.	" Wheatland ave.	"	H.	"	22
Sturbridge st....	Between Monson and River sts.	"	H.	"	4
Tileston st.....	At Blue Hill ave.	"	H.	"	63
Wentworth st.	" Torrey st.....	"	H.	"	4
Columbia road...	Between L and Douglass sts.	S.B.	L.	"	433
Dixfield st.....	Between Old Harbor and Covington sts.....	"	L.	"	6
Dorchester ave....	At Foundry st.....	"	L.	"	100
First st.....	Between A and B sts.....	"	L.	"	654
Foundry st	At Dorchester ave.....	"	L.	"	150
G st.....	Between Eighth st. and Columbia road.....	"	L.	"	21
I st.....	At Columbia road.....	"	L.	"	39
Ninth st.....	From Columbia road.....	"	L.	"	142
Bow st.....	At Mason st.....	Chsn.	L.	"	24
Essex st.....	" Lyndeboro' st.....	"	L.	"	3
Ferrin st.....	" Jackson st.....	"	L.	"	21
	<i>Carried forward</i>				45,185

Statement of Main Pipe Abandoned. — *Continued.*

LOCATION.		District.	High or Low Service.	Size.	Length.
	<i>Brought forward</i>				45,185
Lawrence st.....	Between Miller and Austin sts.....	Chsn.	L.	6 in.	556
Miller st.....	Between Maine st. and Rutherford ave.....	"	L.	"	695
Stark st.....	Between Cambridge and Roland sts...	"	L.	"	175
Water st. (cement line).....	At Navy Yard.....	"	L.	"	40
Collins st.....	West from Bayswater st.....	E. B.	L.	"	3
Gove st.....	Between Chelsea and Havre sts.....	"	L.	"	639
Havre st.....	Between Meridian and Bennington sts.....	"	L.	"	2,118
	Total, 6-inch.....				<u>49,411</u>
Baldwin pl.....	Off Salem st.....	C. P.	L.	4-in.	177
Bartlett pl.....	At Salem st.....	"	L.	"	23
Bond st.....	" Milford st.....	"	L.	"	17
Carroll pl.....	Off Salem st.....	"	L.	"	70
"	" "	"	L.	"	19
Chambers st.....	Brighton and Ashland sts.....	"	L.	"	184
Cumston st.....	Between Rutland and Concord sts....	"	L.	"	200
Dillon st.....	" Sawyer and Lenox sts.....	"	L.	"	119
Essex pl.....	" Essex and Tufts sts.....	"	L.	"	237
Fulton pl.....	" Fulton and North sts.....	"	L.	"	317
Hancock st	" Cambridge and Derne sts....	"	H.	"	27
Hancock ave.....	" Beacon and Mt. Vernon sts...	"	H.	"	226
" "	At Mt. Vernon st.....	"	H.	"	21
India st.....	Between Atlantic ave. and Milk st....	"	L.	"	93
Jefferson st.....	At Tremont st.....	"	L.	"	23
Bernard ave.....	" Allen st.....	"	L.	"	31
Louisburg sq.....	" Mt. Vernon st.....	"	H.	"	22
Malcolm st.....	" Chestnut st.....	"	L.	"	31
Milton st.....	" Spring st.....	"	L.	"	22
Morton st.....	" Salem st.....	"	L.	"	19
Mt. Vernon ave...	Across Mt. Vernon st.....	"	L.	"	51
Newland st.....	Between Brookline and Newton sts....	"	L.	"	405
" "	Across Canton st	"	L.	"	72
	<i>Carried forward</i>				<u>2,406</u>

Statement of Main Pipe Abandoned. — *Concluded.*

LOCATION.		District.	High or Low Service.	Size.	Length.
	<i>Brought forward</i>				2,406
Parnell st.....	At Lenox st.....	C.P.	L.	4-in.	3
“ “	Between Sawyer and Lenox sts... ..	“	L.	“	284
Ringgold st.....	“ Hanson and Waltham sts....	“	L.	“	233
Staniford pl.....	Off Staniford st.....	“	L.	“	151
Taylor st.....	At Milford st.....	“	L.	“	33
Webster ave.....	Off Hanover st.....	“	L.	“	27
Carlow st.....	Between Chadwick and Albany sts....	Rox.	L.	“	173
Kearsage ave.....	At Winthrop st.....	“	H.	“	22
Plymouth ct.....	Off Harrison ave.....	“	L.	“	217
Tileston pl.....	“ Neponset ave.....	Dor.	L.	“	40
Gold st.....	Between B and C sts.....	S. B.	L.	“	155
Tudor st.....	At D street.....	“	L.	“	19
“ “	Between E and Dorchester sts.....	“	L.	“	864
Call st.....	“ Park and Chelsea sts.....	Chsn.	L.	“	196
Call-street pl.....	At Call st.....	“	L.	“	12
Mason st.....	Between Front and Bow sts.....	“	L.	“	219
Perry st.....	At Decatur st.....	“	L.	“	6
Tufts ct.....	Between Tufts and Corey sts.....	“	L.	“	173
Tufts' Wharf.....	Off Main st.....	“	L.	“	100
	Total 4-inch.....				5,333
Church pl. (J. P. A.)	Off Cabot st.....	Rox.	L.	3-in.	187
Dallas pl.(J. P. A.)	“ “ “	“	L.	“	247
	Total 3-inch.....				434

Table showing Length of Distribution Mains Laid, Relaid, and Abandoned during the Year 1901, and the Total Length of the Distribution System of the City of Boston, January 31, 1902.

	DIAMETER OF MAINS IN INCHES.												Totals.				
	48	42	40	36	30	28	24	20	16	12	10	8		6	4	3	2
Total connected with system, January 31, 1901.....	33,671	16,813	23,104	39,984	84,237	244	79,282	93,636	169,535	* 1,075,438	87,302	522,908	1,428,877	100,741	7,536	3,485	* 3,766,843
Length laid and relaid during the year.....			25		1,212		606	188	10,937	37,546	10,691	25,374	13,313	204			100,096
Length abandoned during the year.....			25		420				450	5,319	36	5,968	49,411	5,333	434		67,396
Total connected with system, January 31, 1902.....	33,671	16,813	23,104	39,984	85,029	244	79,888	93,824	180,072	1,107,665	97,957	542,314	1,392,779	95,612	7,102	3,485	3,799,543 OR 719.5 m.

* In last year's report, page 53, item "Willow street, between Chestnut and Mt. Vernon streets, 259 feet 12 inches," should not have appeared; instead there should have been an item on page 65 reading: "Willow street, between Chestnut and Mt. Vernon streets, 127 feet 12 inches." These corrections make a net decrease of 132 feet, as indicated above by the asterisks.

Statement of Hydrant, Blow-off, and Reservoir Pipes, January 31, 1902.

	DIAMETER IN INCHES.										Totals.
	16	12	10	9	8	6	4	3			
Total length connected with system, January 31, 1901.....	472	6,915	105	2,659	1,127	34,446	8,026	3			53,753
Length laid and relaid during the year.....		40				2,915	93				3,048
Length abandoned during the year.....		178		101	12	404	622				1,317
Total length connected with system, January 31, 1902.....	472	6,777	105	2,558	1,115	36,957	7,497	3			55,484

Main Gates Established and Abandoned during the Year, and Number in System, January 31, 1902.

	DIAMETER IN INCHES.												Totals.	
	48	40	36	30	24	20	16	12	10	8	6	4		3
Total number in system, January 31, 1901.....	1	7	26	45	65	66	294	1,998	197	1,246	4,371	584	10	8,910
Established during the year.....			2	1	2	1	29	155	50	132	100	4		476
Abandoned during the year.....		2			3		2	25		16	191	30		269
Total number in system, January 31, 1902.....	1	5	28	46	64	67	321	2,128	247	1,362	4,280	558	10	9,117

Blow-off Gates Established and Abandoned during the Year.

	DIAMETER IN INCHES.				Totals.
	16	12	6	4	
Established during the year .....	.....	1	10	5	16
Abandoned during the year.....	1	1	.....	3	5
Increase	-1	.....	10	2	11

Hydrant Gates Established and Abandoned during the Year and Total Number in System, January 31, 1902.

	DIAMETER.	Totals.
	6 inches.	
Total Number in system, January 31, 1901.....	4	4
Established during the year	6	6
Abandoned during the year	1	1
Total Number in system, January 31, 1902.....	9	9

Hydrants Established and Abandoned during the Year.

	ESTABLISHED.					Totals.	ABANDONED.					Totals.
	Lowry.	Boston Lowry.	Ordinary Post.	Bachelor Post.	Boston.		Lowry.	Boston Lowry.	Ordinary Post.	Bachelor Post.	Boston.	
City Proper (Public)	14	5	1	144	1	165	63	4	55	2	33	157
South Boston (Public).....	3	2	.....	23	.....	28	5	1	2	.....	17	25
East Boston (Public).....	.....	4	2	1	.....	7	1	1	2	.....	4	4
Roxbury (Public)	1	10	7	40	.....	58	19	1	14	.....	2	36
Dorchester (Public)	1	13	27	48	.....	89	35	17	15	.....	67	67
Dorchester (Private) .....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	1
West Roxbury (Public)	2	12	12	9	.....	35	2	13	4	.....	19	19
Brighton (Public).....	.....	7	7	.....	.....	14	.....	6	1	.....	7	7
Charlestown (Public).....	3	1	3	21	.....	28	12	.....	12	.....	24	24
Brookline.....	.....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	2
Total Number of Public.....	24	54	59	286	1	424	137	43	105	2	52	339
Total Number of Private and Suburban.....	.....	2	1	.....	.....	3	.....	.....	.....	.....	.....	3

Location of Hydrants Established and Abandoned during Year.

Established.

KIND.	LOCATION.	DISTRICT.
Lowry.....	Baldwin pl., end of main, opp. Jewish Synagogue.....	City Proper.
“	Bowdoin st., opp. No. 114.....	“ “
“	Commercial wharf, east of Atlantic ave., northeast corner of wharf....	“ “
“	Commercial wharf, east of Atlantic ave., north side, 231 ft. from Atlantic ave.	“ “
“	Fulton pl., at No. 19.....	“ “
“	Hanover st. and Washington st.....	“ “
“	Junction India and Milk sts.....	“ “
“	Junction Union Park and Washington sts. (east side).....	“ “
“	Lewis wharf, north side, opp. No. 39..	“ “
“	Porter st., at No. 28.....	“ “
“	Salem st., at Bartlett pl.....	“ “
“	Spring st., at Poplar st.....	“ “
“	Staniford st., at No. 17.....	“ “
“	Tufts st. at Essex pl.....	“ “
“	Tudor st., at No. 177.....	South Boston.
“	Tudor st., between F and Dorchester sts., 181 ft. from F st.....	“ “
“	Tudor st., 240 ft. westerly from E st..	“ “
“	Carlow st., opp. No. 7.....	Roxbury.
“	Blue Hill ave., at Almont st.....	Dorchester.
“	Robinwood ave., at No. 59.....	W. Roxbury.
“	Robinwood ave., 154 ft. south from No. 61.....	“ “
“	Austin st., at Front st.....	Charlestown.
“	Austin st., on old 8-inch main, opp. B. & M. round-house.....	“
“	Austin st., 173 ft. westerly from Front st.....	“
Boston Lowry..	Commercial wharf, east of Atlantic ave., north side, 192 ft. west from Lowry hydrant, at northeast corner of wharf.....	City Proper.
“ “	Cumberland st., at N. Y., N. H. & H. R.R.....	“ “
“ “	Dartmouth st., at No. 161, just west of the bridge.....	“ “
“ “	Montgomery st., at Tremont st.....	“ “
“ “	Staniford pl., at end of pipe.....	“ “
“ “	Fargo st., 118 ft. east from C st.....	South Boston.
“ “	Junction Covington and Dixfield sts..	“ “
“ “	Boardman st., 350 ft. from Ford st....	East Boston.
“ “	Collins st., 759 ft. from gate at Bayswater st.....	“ “
“ “	Orient ave., at No. 139, between Park and Lafayette sts.....	“ “
“ “	Paris pl., at No. 7.....	“ “
“ “	Chisholm pk., 440 ft from gate at Warren st.....	Roxbury.

Location of Hydrants Established, Etc. — *Continued.*

KIND.	LOCATION.	DISTRICT.
Boston Lowry..	Church pl., at No. 5.....	Roxbury.
" "	Dallas pl., at No. 9.....	"
" "	Grove pk., 130 ft. from gate at Grove st.....	"
" "	Lansdowne st., 321 ft. west from Ipswich st.....	"
" "	Plymouth court, at end of pipe.....	"
" "	Pratt ct., 165 ft. from Weston st.....	"
" "	Quincy terrace, 152 ft. from Quincy st,	"
" "	Roseland st., at Medfield st.....	"
" "	Worthington st., 251 ft. from Fenway	"
" "	Ballou ave., opp. No. 80.....	Dorchester.
" "	Coffey st., 293 ft. from gate near Newhall st.....	"
" "	Cornell st., 172 ft. from Bellevue st...	"
" "	Denny st., at Savin Hill beach.....	"
" "	Dyer st., 510 ft. from Evans st.....	"
" "	Frances ct., off Greenmont st.....	"
" "	Harvard st., 194 ft. from Blue Hill ave.....	"
" "	Harvest st., opp. Nos. 10 and 12.....	"
" "	Kineo st., 200 ft. from Magnolia st....	"
" "	Normandy st., at south line of Grove st.....	"
" "	Richview st., 453 ft. from Hillsdale st,	"
" "	Rosewood st., at No. 98.....	"
" "	Von Hillern st., 350 ft. from Mt. Vernon st.....	"
" "	Baker st., on end of pipe, opp. entrance to Martin Luther Home.....	W. Roxbury.
" "	Burlingame way, 182 ft. west of Montclair ave.....	" "
" "	Chocorua st., 175 ft. west from Asticou road.....	" "
" "	Clarendon pk., at No. 15.....	" "
" "	Clarendon pk., at No. 30.....	" "
" "	Colberg ave., at Rexhame st.....	" "
" "	Laselle st., at Harwood st.....	" "
" "	Malcolm st., 280 ft. from Colberg ave.	" "
" "	Patten st., at corner of Nathan st.....	" "
" "	Pelton st., 290 ft. from Stratford st...	" "
" "	Robinwood ave., 109 ft. from Enfield st.	" "
" "	Sutton st., at cor. of Gilman st.....	" "
" "	Brooks st., 242 ft. from gate at Parkman st.....	Brighton.
" "	Colwell ave., south side, 199 ft. from Chestnut Hill ave.....	"
" "	Empire st., 441 ft. south from North Harvard st.....	"
" "	Everett st., 336 ft. southerly from B. & A. R.R. bridge.....	"
" "	Fiske terrace, 109 ft. from gate at Holmes ave.....	"
" "	Holmes ave., 30 ft. west from Feneno terrace.....	"

Location of Hydrants Established, Etc. — *Continued.*

KIND.	LOCATION.	DISTRICT.
Boston Lowry..	Marshall ter., 107 ft. from Holmes ave, Roland st., between Bain and Crescent sts.	Brighton.
" "	Fiske terrace, 139 ft. from gate at Holmes ave.	Charlestown.
" "	Marshall terrace, 137 ft. from gate, Holmes ave.	Brookline.
Ordinary Post..	Beverly st., opp. end of old Fitchburg station.	City Proper. East Boston.
" "	Everett st., at No. 72.	" "
" "	Walley st., near Leyden st.	Roxbury.
" "	Chisholm pk., 168 ft. from Warren st.. Fenway, 15 ft. west from Worthington st.	" "
" "	Grove st., at Grove pk.	" "
" "	Iroquois st., 23 ft. from gate at Wait st, Iroquois st., 172 ft. easterly from Darling st.	" "
" "	Tremont way, 83 ft. south from Fenway.	" "
" "	Warren st., at Chisholm pk.	" "
" "	Blue Hill ave., 78 ft. north of N. Y., N. H. & H. R.R. bridge.	Dorchester.
" "	Blue Hill ave., opp. No. 1370.	" "
" "	Blue Hill ave., opp. Dyer ave.	" "
" "	Carson st., about 300 ft. from Crescent ave.	" "
" "	Carson st., about 600 ft. from Crescent ave.	" "
" "	Draper st., 175 ft. south from Longfellow st.	" "
" "	Grove st., 235 ft. east from Grove pk. ..	" "
" "	Hancock st., 47 ft. east from Payson ave.	" "
" "	Harvard st. 16 ft. east from Gleason st.,	" "
" "	Harvard st., at Wales st.	" "
" "	Maxwell st., 106 ft. north from Nelson st.	" "
" "	Maxwell st., 226 ft. south from Capen st.	" "
" "	Nelson st., at Corbett st.	" "
" "	Neponset ave., 150 ft. south from Adams st.	" "
" "	Neponset ave., 300 ft. south from Blackwell st.	" "
" "	Neponset ave., 130 ft. north from Ashmont st.	" "
" "	Neponset ave., 238 ft. south from Boutwell ave.	" "
" "	Neponset ave, 133 ft. south from Ashmont st.	" "
" "	Neponset ave., 96 ft. south from Mill st.	" "
" "	Neponset ave., 30 ft. north from King st.	" "
" "	Neponset ave., near No. 33.	" "
" "	Norfolk st., opp. No. 343.	" "

Location of Hydrants Established, Etc. — *Continued.*

KIND.	LOCATION.	DISTRICT.
Ordinary Post...	Oakland st., at No. 115 (off Haven ave., main).....	Dorchester.
" "	Salisbury st. (formerly Stratford st.), at No. 29.....	"
" "	Salisbury st. (formerly Stratford st.), at No. 47.....	"
" "	West Selden st., about 500 ft. south of Morton st.....	"
" "	West Selden st., about 200 ft. south of Morton st.....	"
" "	Baker st., at Temple st.....	West Roxbury
" "	Baker st., at No. 641.....	" "
" "	Laselle st., at Perham st.....	" "
" "	Laselle st., at Dent st.....	" "
" "	Linden st., 250 ft. north of Beech st...	" "
" "	Railroad st., at Willow st.....	" "
" "	Railroad st., at Corey st.....	" "
" "	Railroad st., 290 ft. from Willow st...	" "
" "	Railroad st., 300 ft. from Corey st....	" "
" "	South st., at Asbury pl.....	" "
" "	South st., opp. Spalding st.....	" "
" "	Westbourne road, 85 ft. south from Cornell st.....	" "
" "	Commonwealth ave., 930 ft. west from Harvard ave.....	Brighton.
" "	Commonwealth ave., 630 ft. west from Harvard ave.....	"
" "	Crosby st., at Brooks st.....	"
" "	Hobson st., southeast cor. of Bothwell road.....	"
" "	Hobson st., near Donnybrook road....	"
" "	Hobson st., opp. northeast cor. of Newcastle road.....	"
" "	Sparhawk st., 20 ft. west of line of Menlo st.....	"
" "	Albion pl., at end of pl.....	Charlestown.
" "	Irving pl., at end of pl.....	"
" "	Miller st., at Rutherford ave.....	"
Ord.Post.(Priv.)	Stone Crusher, off Columbia road, near Intervale st.....	Dorchester.
Bachelor Post.	Albany st., at East Canton st.....	City Proper.
" "	Allen st., opp. No. 56.....	" "
" "	Allen st. opp. No. 65.....	" "
" "	Allen st., at Blossom st.....	" "
" "	Arlington st., at Commonwealth ave..	" "
" "	Arlington st., at Newbury st.....	" "
" "	Arlington st., at No. 11.....	" "
" "	Beacon st., at Massachusetts ave.....	" "
" "	Beacon st., at No. 220.....	" "
" "	Berkeley st., 140 ft. west from Columbus ave.....	" "
" "	Berkeley st., 390 ft. west from Columbus ave.....	" "
" "	Berkeley st., 60 ft. east from Providence st.....	" "

Location of Hydrants Established, Etc. — *Continued.*

KIND.	LOCATION.	DISTRICT.
Bachelor Post.	Berkeley st., at Marlboro' st.....	City Proper.
“	Berkeley st., at No. 11.....	“
“	Beverly st., opp. end of old Fitchburg Station.....	“
“	Blossom st., between No. 17 and No. 19.....	“
“	Bowdoin st., at No. 144.....	“
“	Boylston st., opp. Gloucester st. . . .	“
“	Boylston st., at No. 488.....	“
“	Boylston st., east side, between Clarendon and Dartmouth sts.....	“
“	Cambridge st., at S. Russell st.....	“
“	Chambers st., at No. 201.....	“
“	Chambers st., at Ashland st.....	“
“	Chambers st., between No. 129 and No. 131.....	“
“	Charles st., at Allen st.....	“
“	Chestnut st., at Spruce st.....	“
“	Chestnut st., at No. 18.....	“
“	Chestnut st., at Walnut st.....	“
“	Chestnut st., at No. 64.....	“
“	Clarendon st., at Warren ave.....	“
“	Common st., at Wyman pl.....	“
“	Common st., at Tremont st.....	“
“	Concord st., at James st.....	“
“	Concord st., at Harrison ave.....	“
“	Dartmouth st., at Warren ave.....	“
“	Dartmouth st., at Columbus ave.....	“
“	Dartmouth st., at No. 196.....	“
“	Dartmouth st., opp. No. 120.....	“
“	Dartmouth st., at Appleton st.....	“
“	Dover st., at Shawmut ave.....	“
“	East Canton st., 250 ft. from Albany st.....	“
“	East Canton st., opp. No. 79.....	“
“	East Canton st., at Harrison ave.....	“
“	East Canton st., at No. 35.....	“
“	East Canton st., at Mystic st.....	“
“	East Springfield st., at No. 40.....	“
“	East Springfield st., at No. 18.....	“
“	East Springfield st., at Harrison ave. .	“
“	Garden st., at Revere st.....	“
“	Grove st., at Revere st.....	“
“	Hancock st., at No. 21.....	“
“	Hancock st., at No. 46.....	“
“	Hancock st., at Mt. Vernon st.	“
“	Hanson st., at Shawmut ave.....	“
“	Haverhill st., at No. 89.....	“
“	Haverhill st., at No. 53.....	“
“	Haverhill st., at No. 23.....	“
“	Hull street, near Snowhill st.....	“
“	Huntington ave., between Dartmouth and Clarendon sts.....	“
“	Huntington ave., at No. 24.....	“
“	India street, at India sq.	“

Location of Hydrants Established, Etc. — *Continued.*

KIND.	LOCATION.	DISTRICT.
Bachelor Post.	India st., at Custom House st.....	City Proper.
"	India st., at Franklin st.	" "
"	Lancaster st., at Causeway st.....	" "
"	Lenox st., at Tremont st.	" "
"	Lowell st., at No. 6.....	" "
"	Lowell st., at No. 30 (opp. Cotting st.)	" "
"	Lowell st., at Minot st.	" "
"	Marlboro' st., at No. 71.....	" "
"	Marlboro' st., at No. 121.....	" "
"	Marlboro' st., at No. 21.....	" "
"	Marlboro' st., at Arlington st.....	" "
"	Marlboro' st., at Clarendon st.....	" "
"	Marlboro' st., at Dartmouth st.....	" "
"	Mason st., at No. 11.....	" "
"	McLean st., at No. 21.....	" "
"	Milford st., at No. 10.....	" "
"	Milford st., at No. 34.....	" "
"	Milk st., at No. 228.....	" "
"	Mt. Vernon pl., near Hancock ave.....	" "
"	Mt. Vernon st., at Charles st.	" "
"	Mt. Vernon st., at West Cedar st.....	" "
"	Mt. Vernon st., at Walnut st.	" "
"	Mt. Vernon st., at No. 83.....	" "
"	Newbury st., 20 ft. east of Glouces- ter st.....	" "
"	Northampton st., at No. 399.....	" "
"	North Russell st., at Eaton st.....	" "
"	North Russell st., opp. No. 30.....	" "
"	Pembroke st., at Warren ave.	" "
"	Portland st., 30 ft. from Causeway st..	" "
"	Revere st., at Anderson st.....	" "
"	Rutland sq., at No. 10.....	" "
"	Rutland sq., at No. 27.....	" "
"	Rutland sq., at No. 44.....	" "
"	Shawmut ave., opp. Garland st.	" "
"	Shawmut ave., at Worcester st.	" "
"	Shawmut ave., at Pembroke st.	" "
"	Shawmut ave., at Brookline st.....	" "
"	Shawmut ave., at Upton st.	" "
"	Shawmut ave., at Dwight st.	" "
"	Shawmut ave., at Milford st.	" "
"	Shawmut ave., at Waltham st.	" "
"	Staniford st., 30 ft. from Green st....	" "
"	Staniford st., at No. 119.....	" "
"	Staniford st., opp. No. 6.....	" "
"	St. Botolph st., at Cumberland st....	" "
"	St. Botolph st., at Durham st.....	" "
"	Temple st., at No. 18.....	" "
"	Temple st., at No. 38.....	" "
"	Tremont st., at No. 369.....	" "
"	Tremont st., at No. 484.....	" "
"	Tremont st., at No. 430.....	" "
"	Tremont st., at Compton st.....	" "
"	Tremont st., at No. 337.....	" "

Location of Hydrants Established, Etc. — *Continued.*

KIND.	LOCATION.	DISTRICT.
Bachelor Post.	Tremont st., at Worcester st	City Proper.
" "	Tremont st., at Hanson st.	" "
" "	Tremont st., at No. 402	" "
" "	Tyler st., at Harvard st.	" "
" "	Tyler st., No. 93	" "
" "	Tyler st., at Oak st.	" "
" "	Union st., opp. No. 91	" "
" "	Waltham st., at Tremont st.	" "
" "	Warren ave., at No. 149	" "
" "	Warren ave., at No. 185	" "
" "	Warren ave., at No. 33	" "
" "	Washington st., at Malden st.	" "
" "	Washington st., at West Dedham st.	" "
" "	Washington st., at No. 1409	" "
" "	West Canton st., at Shawmut ave.	" "
" "	West Canton st., at No. 54	" "
" "	West Canton st., at No. 92	" "
" "	West Canton st., at Tremont st.	" "
" "	West Canton st., at Warren ave.	" "
" "	West Canton st., at No. 86	" "
" "	West Cedar st., at No. 32	" "
" "	West Dedham st., at No. 85	" "
" "	West Dedham st., at Shawmut ave.	" "
" "	Willard st., near Lowell st.	" "
" "	Worcester sq., at Harrison ave.	" "
" "	Worcester sq., at No. 2	" "
" "	Worcester sq., at No. 17	" "
" "	Worcester st., at No. 53	" "
" "	Worcester st., at No. 17	" "
" "	Worcester st., at No. 79	" "
" "	Broadway Extension, 57 ft. west from Dorchester ave.	South Boston
" "	C st., at Fargo st.	" "
" "	Columbia road, 63 ft. west from P st.	" "
" "	Columbia road, at No. 512	" "
" "	Columbia road, a little west of H st.	" "
" "	Columbia road, at Douglass st.	" "
" "	E st., at Fourth st.	" "
" "	E st., at Tudor st. (No. 238)	" "
" "	Eighth st., at G st.	" "
" "	Eighth st., between K and L sts.	" "
" "	First st., 260 ft. east of A st.	" "
" "	First st., at B st.	" "
" "	H st., at Eighth st.	" "
" "	Ninth st., at No. 278	" "
" "	Ninth st., at No. 540	" "
" "	Seventh st., at G st.	" "
" "	Sixth st., at No. 418	" "
" "	Stillings st., 490 ft. north from Con- gress st.	" "
" "	Stillings st., 174 ft. north from Con- gress st.	" "
" "	Third st., at No. 631	" "
" "	Thomas pk., at Atlantic st.	" "
" "	Thomas pk., at Linden st.	" "

Location of Hydrants Established, Etc. — *Continued.*

KIND.	LOCATION.	DISTRICT.
Bachelor Post.	Thomas pk., at G st.....	South Boston
"	Condor st., at Meridian st.....	East Boston.
"	Boylston st., at No. 1120.....	Roxbury.
"	Brookline ave., at Bellevue st.....	"
"	Cabot st., at No. 182.....	"
"	Columbus ave., at No. 2041.....	"
"	Cumberland st., at Huntington ave....	"
"	Davenport st., between Columbus ave. and Tremont st.....	"
"	Falmouth st., at No. 56.....	"
"	Falmouth st., at No. 93.....	"
"	Falmouth st., at No. 113.....	"
"	Farnham st, 228 ft. east of Gerard st.,	"
"	Gainsborough st., opp. No. 81.....	"
"	Gainsborough st., opp. No. 113.....	"
"	Hemenway st., at Norway st.....	"
"	Hemenway st., at No. 19.....	"
"	Hemenway st., at No. 61.....	"
"	Hemenway st., at Westland ave.....	"
"	Ipswich st., 114 ft. south of Lans- downe st.....	"
"	Ipswich st., 114 ft. north of Lans- downe st.....	"
"	Lansdowne st., 206 ft. west of Ipswich st.....	"
"	Massachusetts ave., at Boylston st....	"
"	Massachusetts ave., at Huntington ave.....	"
"	Massachusetts ave., at Marlboro' st....	"
"	Massachusetts ave., at No. 90.....	"
"	Massachusetts ave., at No. 271.....	"
"	Massachusetts ave., at St. Stephens st.....	"
"	Newbury st., 145 ft. east of Mass. ave.,	"
"	Newbury st., 415 ft. east of Mass. ave.,	"
"	Quincy st., at Blue Hill ave.....	"
"	Roseland st., 90 ft. from Beacon st....	"
"	Savin st., near Warren st.....	"
"	Savin st., at Blue Hill ave.....	"
"	Shawmut ave., at No. 817.....	"
"	Smith st., at No. 74.....	"
"	St. Alphonsus st., at Smith st.....	"
"	St. Botolph st., at Blackwood st.....	"
"	St. Botolph st., at Albemarle st.....	"
"	Sterling st., between Warwick and Westminster sts.....	"
"	Sterling st., opp. No. 70.....	"
"	Winthrop st., at Cleveland st.....	"
"	Winthrop st., at Kearsarge ave.....	"
"	Adams st., at Milton st.....	Dorchester.
"	Allston st., 283 ft. from Centre st....	"
"	Barry st., 600 ft. north from Hamil- ton st.....	"
"	Barry st., 300 ft. north from Hamil- ton st.....	"

Location of Hydrants Established, Etc. — *Continued.*

KIND.	LOCATION.	DISTRICT.
Bachelor	Post.	
	Bellevue st., at Cornell st.....	Dorchester.
"	" Blue Hill ave., at No. 1531.....	"
"	" Blue Hill ave., at No. 1553.....	"
"	" Clifton st., opp. Marshfield st.....	"
"	" Columbia road, at Columbia terrace..	"
"	" Corbett st., 250 ft. from Nelson st....	"
"	" Devon st., at No. 95.....	"
"	" Dorchester ave., opp. No. 1505.....	"
"	" Gleason st., opp. No. 21.....	"
"	" Glenway st., 10 ft. south of York st..	"
"	" Hancock st., at Glendale st.....	"
"	" Hancock st., at Wheelock ave.....	"
"	" Hancock st., opp. Freeport st.....	"
"	" Helen st., 163 ft. from gate, at Talbot ave.....	"
"	" Lawrence ave., 115 ft. east of Law- rence pl.....	"
"	" Leonard st., at No. 17.....	"
"	" Milton st., 90 ft. west of Malvern st..	"
"	" Milton st., between Malvern and Granville sts.....	"
"	" Minot st., opp. No. 235.....	"
"	" Morton st., 240 ft. north from Nor- folk st.....	"
"	" Morton st., 490 ft. north from Nor- folk st.....	"
"	" Neponset ave., 25 ft. north from Boutwell ave.....	"
"	" Neponset ave., 103 ft. south from Coffey st.....	"
"	" Neponset ave., 15 ft. south from Blackwell st.....	"
"	" Neponset ave., 100 ft. south from Munroe terrace.....	"
"	" Neponset ave., 43 ft. north from Munroe terrace.....	"
"	" Neponset ave., 242 ft. south from King st.....	"
"	" Neponset ave., 340 ft. south from Mill st.....	"
"	" Norfolk st., 50 ft. north from Milton ave.....	"
"	" Norfolk st., opp. No. 299.....	"
"	" Norfolk st., 20 ft. north from Ballou pl	"
"	" Norfolk st., 60 ft. south from No. 193.	"
"	" Norfolk st., at Stanton st.....	"
"	" Norfolk st., 40 ft. south from No. 243.	"
"	" Norfolk st., opp. No. 272.....	"
"	" Phipps ave., at No. 63.....	"
"	" Phipps ave., 75 ft. west of Mascoma st.	"
"	" Savin Hill ave., at No. 216.....	"
"	" Savin Hill ave., at No. 202.....	"
"	" Savin Hill ave., at No. 192.....	"
"	" Sturbridge st., at No. 21.....	"
"	" Thane st., 128 ft. east from Athel- wold st.....	"

Location of Hydrants Established, Etc. — *Continued.*

KIND.	LOCATION.	DISTRICT.
Bachelor Post.	Tremlett st., 180 ft. from Washington st.....	Dorchester.
“	“ York st., 80 ft. left from Greenwood st.....	“
“	“ Patten st., at No. 59.....	W. Roxbury.
“	“ South st., 75 ft. north of Hall st.....	“
“	“ South st., opp. Childs st.....	“
“	“ South st., at Asbury pl.....	“
“	“ Union ave., at No. 58.....	“
“	“ Wachusetts st., at Patten st.....	“
“	“ Washington st., at Woodside ave.....	“
“	“ Washington st., at Boylston st.....	“
“	“ Washington st., at Green st.....	“
“	“ Austin st., at Lawrence st.....	Charlestown.
“	“ Chapman st., at Lawrence st.....	“
“	“ Cook st., at Cook-street court.....	“
“	“ Essex st., opp. No. 13.....	“
“	“ Essex st., opp. No. 31.....	“
“	“ Front st., 27 ft. east of Mason st.....	“
“	“ Lynde st., at No. 31.....	“
“	“ Main st., at Alford st.....	“
“	“ Main st., at No. 184.....	“
“	“ Main st., opp. No. 76.....	“
“	“ Main st., opp. Henley st.....	“
“	“ Miller st., at Rutherford ave.....	“
“	“ Miller st., opp. No. 27.....	“
“	“ North Mead st., 246 ft. from gate, at Bunker Hill st.....	“
“	“ Pearl st., at No. 83.....	“
“	“ Roland st., at Puritan brewery.....	“
“	“ Roland st., opp. Crosby Steam Gauge Co.....	“
“	“ Walker st., foot of High st.....	“
“	“ Walnut st., opp. No. 39.....	“
“	“ Warren ave., opp. No. 3 shed, Fitchburg R.R.....	“
“	“ Washington st., at No. 50.....	“
Boston.....	Carroll pl., at No. 6.....	City Proper.

Abandoned.

Lowry.....	Albany st., at East Canton st.....	City Proper.
“	Allen st., at Blossom st.....	“
“	Allen st., at Brighton st.....	“
“	Allen st., at No. 56.....	“
“	Beacon st., at Massachusetts ave.....	“
“	Berkeley st., at St. James ave.....	“
“	Berkeley st., 150 ft. west of Columbus ave.....	“
“	Berkeley st., at Warren ave.....	“
“	Blossom st., at No. 17.....	“
“	Boylston st., at Gloucester st.....	“
“	Boylston st., between Dartmouth and Clarendon sts.....	“

Location of Hydrants Abandoned.—Continued.

KIND.	LOCATION.	DISTRICT.
Lowry.....	Bowdoin st., at No. 144.....	City Proper.
“	Chambers st., at Ashland st.....	“ “
“	Chambers st., at Spring st.....	“ “
“	Charles st., at Allen st.....	“ “
“	Chestnut st., at West Cedar st.....	“ “
“	Clarendon st., at Warren ave.	“ “
“	Common st., at Tremont st.....	“ “
“	Concord st., at Harrison ave.....	“ “
“	Concord st., at James st.....	“ “
“	Dover st., at Shawmut ave.....	“ “
“	East Canton st., at Harrison ave.....	“ “
“	East Springfield st., at No. 18.....	“ “
“	East Springfield st., at No. 38.....	“ “
“	Green st., at Staniford st.	“ “
“	Hancock st., at Mt. Vernon st.....	“ “
“	Hanover st., at Washington st.....	“ “
“	Haverhill st., at No. 89.....	“ “
“	Haverhill st., at Traverse st.....	“ “
“	Haverhill st., at No. 3.....	“ “
“	Hull st., near Snowhill st.	“ “
“	Huntington ave., between Dartmouth and Clarendon sts.....	“ “
“	India st., at Custom House st.....	“ “
“	India st., at Franklin st.....	“ “
“	India st., at India sq.....	“ “
“	India st., junction of Milk st.....	“ “
“	Lenox st., at Tremont st.....	“ “
“	Lewis wharf, north side, opposite No. 39.....	“ “
“	Lowell st., at Minot st.....	“ “
“	Marlboro' st., at Berkeley st.....	“ “
“	Mason st., opposite No. 11.	“ “
“	Milk st., at No. 228.....	“ “
“	Mt. Vernon st., at Beacon st.....	“ “
“	Newbury st., at Gloucester st.....	“ “
“	North Russell st., at Parkman st.....	“ “
“	Salem st., at Bartlett pl.....	“ “
“	Spring st., at Poplar st.....	“ “
“	St. Botolph st., at Cumberland st.....	“ “
“	Temple st., at No. 34.....	“ “
“	Tremont st., at Corning st.....	“ “
“	Tremont st., opposite No. 400.....	“ “
“	Tremont st., opposite No. 424 (side- walk).....	“ “
“	Tremont st., at Compton st.....	“ “
“	Tyler st., at Harvard st.....	“ “
“	Tyler st., at Oak st.....	“ “
“	Union st., at No. 93.....	“ “
“	Washington st., at West Dedham st... Washington st. (east side), at Union pk.	“ “
“	West Canton st., at Warren ave.....	“ “
“	Worcester sq., at Harrison ave.	“ “
“	Worcester sq., at No. 25.....	“ “
“	Worcester st., at No. 53.....	“ “
“	Worcester st., at No. 79.....	“ “

Location of Hydrants Abandoned. — *Continued.*

KIND.	LOCATION.	DISTRICT.
Lowry.....	Eighth st., at G st.	South Boston.
“	Eighth st., between K and L sts.....	“ “
“	H st., at Eighth st.....	“ “
“	Junction of E and Tudor sts.....	“ “
“	Junction of First and B st.....	“ “
“	Walley st., near Leyden st.	East Boston.
“	Blue Hill ave., at Savin st.....	Roxbury.
“	Blue Hill ave., at Quincy st.....	“
“	Brookline ave., at Bellevue st.....	“
“	Cabot st., at Dallas pl.....	“
“	Hemenway st., at Westland ave.....	“
“	Junction of Chisholm pk. and Warren	“
“	st.....	“
“	Massachusetts ave., at Huntington ave.	“
“	Massachusetts ave., at St. Stephens st.	“
“	Massachusetts ave., at No. 271.....	“
“	Massachusetts ave., at Boylston st....	“
“	Massachusetts ave., at Commonwealth	“
“	ave.	“
“	Massachusetts ave., at Marlboro' st....	“
“	Massachusetts ave., at No. 90.....	“
“	Newbury st., 140 ft. east of Massachu-	“
“	setts ave.	“
“	Newbury st., 410 ft. east of Massachu-	“
“	setts ave.	“
“	St. Alphonsus st., at Smith st.....	“
“	Sterling st., at No. 70	“
“	Winthrop st., at Kearsarge ave.....	“
“	Winthrop st., at Cleveland st.....	“
“	Adams st., at Milton st.....	Dorchester.
“	Bellevue st., at Cornell st.....	“
“	Carson st., between Nos. 16 and 18,	“
“	300 feet from Crescent ave.....	“
“	Columbia road at Richfield st.....	“
“	Dorchester av., at No. 1505.....	“
“	Hancock st., at Glendale st.....	“
“	Hancock st., at Wheelock ave.....	“
“	Hancock st., 47 feet east of Payson ave.,	“
“	Hancock st., opp. Freeport st.....	“
“	Harvard st., at Wales st.....	“
“	Harvard st., 16 ft. east of Gleason st..	“
“	Lawrence ave., 115 ft. east of Law-	“
“	rence pl.....	“
“	Leonard st., at No. 17.....	“
“	Neponset ave., 130 ft. north from	“
“	Ashmont st.....	“
“	Neponset ave., 238 ft. south from	“
“	Boutwell ave.....	“
“	Neponset ave., 133 ft. south from	“
“	Ashmont st.....	“
“	Neponset ave., 100 ft. south from	“
“	Munroe terrace.....	“
“	Neponset ave., 43 ft. north from	“
“	Munroe terrace.....	“
“	Neponset ave., 242 ft. south from	“
“	King st.....	“

Location of Hydrants Abandoned.— *Continued.*

KIND.	LOCATION.	DISTRICT.
Lowry.....	Neponset ave., 96 ft. south from Mill st.....	Dorchester.
“	Neponset ave., 30 ft. north from King st.....	“
“	Neponset ave., 340 ft. south from Mill st.....	“
“	Neponset ave., 150 ft. south from Adams st.....	“
“	Neponset ave., near No. 33.....	“
“	Neponset ave., 25 ft. north from Boutwell ave.....	“
“	Neponset ave., 103 ft. south from Coffey st.....	“
“	Neponset ave., 300 ft. south from Blackwell st.....	“
“	Neponset ave., 15 ft. south from Blackwell st.....	“
“	Norfolk st., at Nelson st.....	“
“	Norfolk st. 50 ft. north from Milton ave.	“
“	Norfolk st., opp. Ballou pl.....	“
“	Norfolk st., 40 ft. south from No. 193..	“
“	Norfolk st., at Stanton st.....	“
“	Norfolk st., opp. No. 243.....	“
“	Norfolk st., 60 ft. north of No. 272....	“
“	Washington st., at Boylston st.....	W. Roxbury.
“	Washington st., at Green st.....	“
“	Austin st., at Front st.....	Charlestown.
“	Austin st., on old 8-inch main opp. B. & M. Round-house....	“
“	Austin st., at Lawrence st.....	“
“	Cambridge st., at Rutherford ave....	“
“	Chapman st., at Lawrence st.....	“
“	Essex st., at Lyndeboro' st.....	“
“	Front st., junction Mason st.....	“
“	Miller st., at Lawrence st.....	“
“	Miller st., at Rutherford ave.....	“
“	North Mead st., 246 ft. from Bunker Hill st.....	“
“	Walker st., foot of High st.....	“
“	Warren ave., opp. No. 3 Shed Fitchburg R.R.....	“
Boston Lowry..	Commercial Wharf, east of Atlantic ave., northeast cor. of wharf.....	City Proper
“	Commercial Wharf, east of Atlantic ave., northeast cor. of wharf, about 192 ft. west of Lowry hydrant.....	“ “
“	Common st., at Wyman pl.....	“ “
“	Warren ave., at No. 33.....	“ “
“	Columbia road, 288 ft. west of P st....	South Boston
“	Collins st., 675 ft. from gate at Bayswater st.....	East Boston
“	Iroquois st., at Darling st.....	Roxbury
“	Ballou ave., opp. No. 76.....	Dorchester.
“	Barry st., at No. 26 (550 ft. north of Hamilton st.).....	“
“	Bradshaw st., No. 1.....	“

Location of Hydrants Abandoned. — *Continued.*

KIND.	LOCATION.	DISTRICT.
Boston Lowry ..	Carson st., 1,000 ft. from Crescent ave.....	Dorchester.
" "	Coffey st., 251 ft. from gate near Newhall st.....	"
" "	Dyer st., 180 ft. from Evans st.....	"
" "	Half Moon st., opp. No. 15.....	"
" "	Harvest st., opp. Nos. 6 and 8	"
" "	Kineo st., 200 ft. from Magnolia st....	"
" "	Malvern st., 30 ft. north of Milton st..	"
" "	Maxwell st., 245 ft. north of Nelson st.....	"
" "	Milton st., between Malvern and Granville sts.....	"
" "	Normandy st., 16 feet from line of Grove st.....	"
" "	Phipps ave., 125 ft. west of Mascoma st.....	"
" "	Richview st., 267 ft. from Hillsdale st.....	"
" "	Salisbury st. (formerly Stratford st.), at No. 29.....	"
" "	Sturbridge st., at No. 17	"
" "	Clarendon park, 140 ft. northeast from No. 30.....	W. Roxbury.
" "	Colberg ave., 50 ft. from Rexhame st..	"
" "	Gilman st., near Sutton st.....	"
" "	Laselle st., 50 ft. southwest from Dent st.....	"
" "	Linden st., 250 ft. north of Beech st..	"
" "	Malcolm st., 192 ft. from Colberg ave.....	"
" "	Patten st., cor. Rodman st.....	"
" "	Pelton st., 90 ft. from line of Stratford st.....	"
" "	Robinwood ave., about 147 ft. from Enfield st.....	"
" "	Robinwood ave., about 109 ft. west from Enfield st.....	"
" "	Robinwood ave., at No. 61.....	"
" "	Sutton st., cor. Gilman st.....	"
" "	Westbourne road, 131 ft. south of Cornell st.....	"
" "	Donnybrook road, near Hobson st....	Brighton.
" "	Fiske terrace, 109 ft. from gate at Holmes ave.....	"
" "	Hobson st., southeast corner of Bothwell road.....	"
" "	Holmes ave., at Marshall terrace.....	"
" "	Marshall terrace, 107 ft. from gate at Holmes ave.....	"
" "	Newcastle road, 83 ft. from gate at Hobson st.....	"
Ordinary Post..	Arlington st., at Commonwealth ave..	City Proper.
" "	Arlington st., at Newbury st.....	" "
" "	Arlington st., at No. 11.....	" "
" "	Beacon st., at No. 220.....	" "

Location of Hydrants Abandoned.—Continued.

KIND.	LOCATION.	DISTRICT.
Ordinary Post..	Beverly st., 27 ft. from west end of Fitchburg Depot.....	City Proper.
" "	Bowdoin st., at No. 114.....	" "
" "	Boylston st., at No. 488.....	" "
" "	Canton st., at Tremont st.....	" "
" "	Chestnut st., at Spruce st.....	" "
" "	Chestnut st., at No. 18.....	" "
" "	Chestnut st., at Walnut st.....	" "
" "	Dartmouth st., at Warren ave.....	" "
" "	Dartmouth st., at Appleton st.....	" "
" "	Dartmouth st., at No. 196.....	" "
" "	Dartmouth st., at No. 120.....	" "
" "	Hancock st., at No. 21.....	" "
" "	Hancock st., at No. 46.....	" "
" "	Hanson st., at Shawmut ave.....	" "
" "	Huntington ave., at No. 24.....	" "
" "	Lowell st., at No. 16.....	" "
" "	Lowell st., at No. 36.....	" "
" "	Marlboro' st., at Arlington st.....	" "
" "	Marlboro' st., at No. 71.....	" "
" "	Marlboro' st., at No. 121.....	" "
" "	Marlboro' st., at No. 21.....	" "
" "	Marlboro' st., at Clarendon st.....	" "
" "	Marlboro' st., at Dartmouth st.....	" "
" "	Milford st., at No. 10.....	" "
" "	Montgomery st., at Tremont st.....	" "
" "	Mt. Vernon pl., near Hancock ave.....	" "
" "	Mt. Vernon st., at West Cedar st.....	" "
" "	Mt. Vernon st., at Walnut st.....	" "
" "	Northampton st., at No. 399.....	" "
" "	Pembroke st., at Warren ave.....	" "
" "	Revere st., at Anderson st.....	" "
" "	Rutland sq., at No. 27.....	" "
" "	Shawmut ave., at Pembroke st.....	" "
" "	Shawmut ave., at Brookline st.....	" "
" "	Shawmut ave., at Dwight st.....	" "
" "	Shawmut ave., at Milford st.....	" "
" "	Shawmut ave., at Waltham st.....	" "
" "	Shawmut ave., at Canton st.....	" "
" "	Shawmut ave., at Worcester st.....	" "
" "	Shawmut ave., opp. Garland st.....	" "
" "	Springfield st., at Harrison ave.....	" "
" "	Staniford st., at No. 119.....	" "
" "	St. Botolph st., at Durham st.....	" "
" "	Tremont st., at Worcester st.....	" "
" "	Tremont st., at No. 484.....	" "
" "	Tremont st., at No. 339.....	" "
" "	Waltham st., at Tremont st.....	" "
" "	West Canton st., at No. 86.....	" "
" "	West Dedham st., at No. 85.....	" "
" "	West Dedham st., at Shawmut ave....	" "
" "	Willard st., near Lowell st.....	" "
" "	First st., 215 ft. east of A st.....	South Boston
" "	Ninth st., at No. 278.....	" "
" "	Condor st., at Meridian st.....	East Boston.
" "	Everett st., at No. 72.....	" "

Location of Hydrants Abandoned. — *Continued.*

KIND.	LOCATION.	DISTRICT.
Ordinary Post..	Boylston st., at No. No. 1120.....	Roxbury.
" "	Columbus ave., at School-street pl....	"
" "	Cumberland st., at Huntington ave....	"
" "	Davenport st., between Tremont st. and Columbus ave.	"
" "	Falmouth st., at Paul st.....	"
" "	Falmouth st., at Ch. Science Church..	"
" "	Hemenway st., at Norway st.....	"
" "	Hemenway st., at No. 19.....	"
" "	Hemenway st., at Astor st.....	"
" "	Savin st., near Warren st.....	"
" "	Shawmut ave., at No. 817.....	"
" "	Smith st., at No. 89.....	"
" "	St. Botolph st., at Albermarle st.....	"
" "	St. Botolph st., at Blackwood st.....	"
" "	Allston st., 283 ft. from Centre st....	Dorchester.
" "	Blue Hill ave., at Tremont st.....	"
" "	Blue Hill ave., between Collins and Almont sts.....	"
" "	Clifton st., opp. Marshfield st.....	"
" "	Devon st., at No. 95.....	"
" "	Gleason st., opp., No. 21....	"
" "	Glenway st., 11 ft. north of York st....	"
" "	Haven st., at Oakland st.....	"
" "	Hollingsworth st., 1st post hydrant from Oakland st.....	"
" "	Savin Hill ave., at No. 192.....	"
" "	Savin Hill ave., at 206.....	"
" "	Savin Hill ave., at 216.....	"
" "	West Selden st., 200 ft. west from Morton st.....	"
" "	West Selden st., 506 ft. west from Morton st.....	"
" "	York st., 15 ft. from Greenwood st....	"
" "	South st., at Asbury pl.....	W. Roxbury
" "	South st., opp. Childs st.....	"
" "	South st., at Asbury pl.....	"
" "	Washington st., at Woodside ave.....	"
" "	Brooks st., at R.R. station.....	Brighton.
" "	Albion pl., at end of place.....	Charlestown.
" "	Cook st., at Cook-street court.....	"
" "	Irving pl., at end of place.....	"
" "	Lynde st., at No. 31.....	"
" "	Main st., opp. No. 76.....	"
" "	Main st., opp. Henley st.....	"
" "	Main st., at Alford st.....	"
" "	Main st., at No. 184.....	"
" "	Miller st., at Rutherford ave.....	"
" "	Pearl st., at No. 83.....	"
" "	Walnut st., at No. 39.....	"
" "	Washington st., at No. 50.....	"
Bachelor Post.	Beverly st., at westerly end of Fitch- burg Depot.....	City Proper.
" "	West Canton st., at No. 86.....	" "
Boston	Baldwin pl., end of Main, opp. Jewish Synagogue	" "

Location of Hydrants Abandoned. — *Concluded.*

KIND.	LOCATION.	DISTRICT.
Boston	Beverly st., at old Fitchburg Depot...	City Proper.
"	Cambridge st., at South Russell st....	" "
"	Carroll pl., at No. 9	" "
"	Chambers st., between Nos. 133 and 135,	" "
"	Cumberland st., at N. Y., N. H. and	" "
"	H. R. R.....	" "
"	Dartmouth st., at Columbus ave.....	" "
"	Dartmouth st., at No. 161.....	" "
"	East Canton st., cor. of Andrews st....	" "
"	East Canton st., at Mystic st.....	" "
"	East Canton st., 275 ft. from Albany st.	" "
"	Garden st., at Revere st.....	" "
"	Grove st., at Revere st.....	" "
"	Hanson st., cor. Tremont st.....	" "
"	McLean st., at No. 21.....	" "
"	Mt. Vernon st., at Charles st.....	" "
"	Mt. Vernon st. at No. 83.....	" "
"	Newland st., between Pembroke and	" "
"	Brookline sts.....	" "
"	Newland st., between Pembroke and	" "
"	Newton sts.....	" "
"	North Russell st., at No. 30.....	" "
"	Pearl st., at No. 32.....	" "
"	Porter st. at No. 28.....	" "
"	Rutland sq. at No. 2.....	" "
"	Rutland sq. at No. 52.....	" "
"	Staniford st., at Staniford pl.....	" "
"	Staniford pl., at end of pipe.....	" "
"	Tyler st., at No. 93.....	" "
"	Warren ave., at No. 149.....	" "
"	Warren ave., at No. 187.....	" "
"	Washington st., at Malden st.....	" "
"	West Cedar st., at Pinckney st.....	" "
"	Worcester sq., between Harrison ave.	" "
"	and Washington st.....	" "
"	Worcester st., at Deacon st.....	" "
"	Atlantic st., at No. 20.....	South Boston
"	Columbia road, at 516.....	" "
"	Columbia road, at H st.....	" "
"	Dixfield st., near No. 26.....	" "
"	E st., at Fourth st.....	" "
"	G st., at Seventh st.....	" "
"	G st., at Thomas Park.....	" "
"	Linden st., at No. 15.....	" "
"	Linden st., at Thomas Park.....	" "
"	Ninth st., at No. 540.....	" "
"	Pacific st., at Thomas Park.....	" "
"	Seventh st., at No. 414.....	" "
"	Sixth st., at No. 418.....	" "
"	Third st., at No. 631.....	" "
"	Tudor st., between F and Dorchester	" "
"	sts	" "
"	Tudor st., 240 ft. Westerly from E st..	" "
"	Tudor st., at No. 177.....	" "
"	Carlow st., at No. 9.....	Roxbury.
"	Plymouth court at end of pipe.....	"

Total Number of Hydrants Connected with Distribution System, January 31, 1902.

	Lowry.	Boston Lowry.	Ordinary Post.	Bachelor Post.	Boston.	Totals.
City Proper (Public).....	704	50	294	224	185	1,457
“ “ (Private).....			11		44	55
South Boston (Public) ...	231	33	180	27	108	579
“ “ (Private) ..	2		13		32	47
East Boston (Public)....	143	25	211	5	7	391
“ “ (Private)...	8		7		25	40
Roxbury (Public).....	568	30	459	93	43	1,253
“ (Private).....	1				10	11
Dorchester (Public).....	469	241	996	63	32	1,801
“ (Private).....		1	2		4	7
West Roxbury (Public)..	119	235	654	12	30	1,050
“ “ (Private).....			14		1	15
Brighton (Public).....	70	85	394	1	23	573
“ (Private)			7		2	9
Charlestown (Public)....	189	37	40	34	2	302
“ (Private)...	14	1	36		6	57
Deer Island (Private)....			19			19
Long Island (Private)....			6			6
Thompson's Island (Pri- vate).....			2			2
Rainsford's Island (Pri- vate).....		3	1		1	5
Gallop's Island (Pri- vate).....			1		1	2
Quincy.....			11			11
Brookline.....		2				2
Total number of Public Hydrants.....	2,493	796	3,228	459	430	7,406
Total number of Private and Suburban Hydrants	25	7	130		126	288

Water Posts.

LOCATIONS OF WATER POSTS ESTABLISHED AND ABANDONED DURING THE YEAR.

Established.

- Appian way, at Brentwood street, Brighton.
- Ashford street, opposite No. 52, Brighton.
- Atlantic avenue, between Nos. 225 and 227, City.
- Beacon street, near Charles street, City.
- Bellevue street, corner Rutledge street, West Roxbury.
- Boylston street, near Ipswich street, Roxbury.
- Clayton street, 200 feet from Freeport street, Dorchester.
- Commonwealth avenue, at Hereford street, Roxbury.
- Commonwealth avenue, corner Chiswick road, Brighton.
- Crescent avenue, 100 feet from Dorchester avenue, Dorchester.
- Gardner street, opposite No. 138, West Roxbury.
- Geneva avenue, at Bowdoin street, Dorchester.
- Hemenway street, at Haviland street, Roxbury.
- Lewis street, near Webster street, East Boston.
- Magnolia street, 60 feet from old location, between Bird and Oleander streets, Dorchester.
- Oliver street, 50 feet from Milk street, City.
- Pleasant street, 76 feet from Stoughton street, Dorchester.
- Poplar street, corner Brown avenue, West Roxbury.
- Waltham street, 50 feet from Ringgold street, City.
- Washington street, 15 feet east of old location, near Newton line, Brighton.

Abandoned.

- Atlantic avenue, at No. 225, City.
- Bowdoin street, at No. 117, Dorchester.
- Brighton avenue, opposite Reedsdale street, Brighton.
- Dorchester avenue, at Cottage street, Dorchester.
- Fern street, at Franklin square, Brighton.
- Gloucester street, at Beacon street, City.
- India street, at Franklin street, City.
- Leyden street, near Bennington street, East Boston.
- Magnolia street, between Bird street and Oleander street, Dorchester.
- Pleasant street, opposite Pearl street, Dorchester.
- Washington street, opposite Matchett street, near Newton line, Brighton.

Number of Water Posts Connected with System, January 31, 1902.

DISTRICT.	Number con- nected with System, Jan. 31, 1901.	Established during the Year.	Abandoned during the Year.	Number con- nected with System, Jan. 31, 1902.
City Proper	77	4	3	78
South Boston	39	.....	.....	39
East Boston	41	1	1	41
Roxbury	78	3	.....	81
Dorchester	105	5	4	106
West Roxbury	93	3	.....	96
Brighton	53	4	3	54
Charlestown	22	.....	.....	22
Totals	598	20	11	517

Fountains

Established and abandoned during the year and number in service Jan. 31, 1902:

Style.

Established.

- (A.) Columbus avenue, at Washington street, Roxbury.
 (E.) Ashland street, at Washington street, West Roxbury.

Abandoned.

- (A.) Atlantic avenue, at India wharf, City.
 (A.) Albany street, at No. 710, City.
 (C.) Sixth street, near P street, South Boston.
 (E.) Dudley street, near Warren street, Roxbury.
 (C.) Maverick street, at Cottage street, East Boston.

Number in Service, January 31, 1902.

DISTRICT.	Style A.	Style B.	Style C.	Style D.	Style E.	Style F.	Totals.
City Proper.....	11	4	8	.....	15	.....	38
South Boston.....	3	1	3	1	5	.....	13
East Boston.....	.....	4	4	.....	4	.....	12
Roxbury	9	3	2	.....	5	.....	19
Dorchester .....	.....	2	.....	1	.....	8	11
West Roxbury.....	4	1	.....	1	2	.....	8
Brighton	5	.....	1	.....	.....	.....	6
Charlestown	1	2	.....	2	4	.....	9
Totals	33	17	18	5	35	8	116

NOTE.

(A) indicates fountains for man and beast, with automatic fixtures for man and beast in warm weather, and a continuous flow of water for beasts in cold weather.

(B) indicates fountains for beasts only. Continuous flow of water all the year.

(C) indicates fountains for man only. Automatic fixtures. In service during warm weather only.

(D) indicates fountains for man and beast. Automatic fixtures for both. In service during warm weather only.

(E) indicates cold water fountains for man only. Automatic fixtures. In service during warm weather only.

(F) indicates fountains for man and beast, with automatic fixtures for man in warm weather, and a continuous flow of water for beasts all the year.

Air Cocks.

Established.

Size.	Diameter of Main.	LOCATION.	District.
2-in.	30-in.	Bowdoin st., 100 ft. south of Ashburton pl.....	City Proper.
"	"	Chardon st., opposite Charity Building.....	"
"	"	Mt. Vernon st., at No. 41.....	"
"	20-in.	Southampton st., on bridge over N. Y., N. H. & H. R.R.....	So. Boston.
"	"	Southampton st., on bridge over N. Y., N. H. & H. R.R.....	"
"	16-in.	Blue Hill ave., between Maywood and Holborn sts.	Roxbury.
"	40-in.	Brookline ave., at Smyrna st.....	"
"	36-in.	Huntington ave., at Francis st.....	"
"	30-in.	Tremont st., at Mission Church.....	"
"	36-in.	" " " "	"
"	12-in.	Norfolk st., between Edson st. and N. Y., N. H. & H. R.R.....	Dorchester.
"	16-in.	Columbia road, at Ceylon st.....	"
"	12-in.	Baker st., between Temple st. and Martin Luther Orphan Home.....	W. Roxbury.
½-in.	"	Cambridge st., between Rutherford ave. and Carter st.....	Charlestown.

Abandoned.

Size.	Diameter of Main.	LOCATION.	District.
2-in.	30-in.	Bowdoin st., 100 ft. south of Ashburton pl....	City Proper.
1-in.	"	Mt. Vernon st., at No. 41.....	"
"	40-in.	Brookline ave., at Smyrna st.....	Roxbury.
¾-in.	36-in.	Huntington ave., at Francis st.....	"
1¼-in.	30-in.	Tremont st., at Mission Church.....	"
"	36-in.	" " " "	"
¾-in.	6-in.	Norfolk st., between Edson st. and N. Y., N. H. & H. R.R.....	Dorchester.

Blow-off Cocks.*Established.*

Size.	LOCATION.	District.
1-in.	Siegel ct., off Lamont st.....	Roxbury.
¾-in.	Hemlock st., end of Main.....	W. Roxbury.
2-in.	North Mead st., off Bunker Hill st.....	Charlestown.

Abandoned.

Size.	LOCATION.	District.
1-in.	Deerfield st., at Charles river.....	Roxbury.

Deacon Meters.*Abandoned.*

Causeway street, between Medford and Wall streets, City Proper.
 South street, at Jamaica street, West Roxbury.

Fire Reservoirs.

Connections with Boston Water Department system abandoned at :
 Cambridge street, at Hancock street, City Proper.
 Causeway street, at Merrimac street, City Proper.
 Chestnut street, at Walnut street, City Proper.
 Washington street, at Avon place, City Proper.
 Maverick square, opposite No. 2, East Boston.

Statement of Service Pipes Laid and Abandoned during the Year ending January 31, 1902.

SIZE OF SERVICES LAID AND ABANDONED.	CITY PROPER.		SOUTH BOSTON.		EAST BOSTON.		ROXBURY.		DORCHES- TBR.		WEST ROXBURY.		BRIGHTON.		CHARLES- TOWN.		BOSTON HARBOR.		TOTALS.	
	Number of Services.	Length in feet.	Number of Services.	Length in feet.	Number of Services.	Length in feet.	Number of Services.	Length in feet.	Number of Services.	Length in feet.	Number of Services.	Length in feet.	Number of Services.	Length in feet.	Number of Services.	Length in feet.	Number of Services.	Length in feet.	Number of Services.	Length in feet.
8-inch laid
8 " " abandoned
6 " laid
6 " " abandoned
4 " laid
4 " " abandoned
3 " laid
3 " " abandoned
2 " laid
2 " " abandoned
1 1/2 " laid
1 1/2 " " abandoned
1 " laid
1 " " abandoned
3/4 " laid
3/4 " " abandoned
3/8 " laid
3/8 " " abandoned
Total laid	158	3,768	93	2,508	94	2,814	385	9,781	521	11,861	205	4,982	74	2,066	45	2,049	7	51	1,582	39,980
Total abandoned	168	3,660	14	680	56	1,484	98	2,362	35	1,019	10	217	5	51	38	1,027	.....	.....	424	10,500
Net increase	*10	108	79	1,828	38	1,330	287	7,419	486	10,842	195	4,765	69	2,015	7	1,022	7	51	1,158	29,480

* Decrease. Total number of service pipes, 88,688. Aggregate length of same, 2,457,151 feet.

**Maintenance Work of Miscellaneous Character Performed
during the Year ending January 31, 1902.**

	Total Number during the Year.
Boxes covering main pipe on bridges repaired	63
Brick gate chambers built (replacing wooden boxes)	14
Brick gate chambers extended	22
Dead ends blown off on account of bad water	585
Fountain repairs	506
Gates in service oiled and tested for general efficiency,	2,677
Gates renewed on account of deterioration	19
Gates repaired	172
Gate boxes cleared of mud and water	3
Gate boxes renewed	145
Gate boxes repaired	1,029
Gate covers regulated	125
Gate covers salted in cold weather	8,053
Gate frames and covers renewed	169
Hydrant barrels changed for various reasons	97
Hydrant barrels changed on account of street grading,	48
Hydrant boxes cleared of mud and water	1,457
Hydrant boxes renewed	181
Hydrant boxes repaired	406
Hydrant caps changed from old to new pattern	289
Hydrant frames and covers renewed	115
Hydrant inspections in cold weather	154,196
Hydrants braced to withstand vibration caused by pumping	78
Hydrants hayed as protection in cold weather	421
Hydrants moved on account of street grading	90
Hydrants oiled, and tested for general efficiency	1,886
Hydrants painted	2,577
Hydrants repaired	549
Investigations made where further action on the part of Water Department was unnecessary	814
Location of gates marked	10,266
Main pipe repairs, caused by :	
Bell cracked	1
Blasting	5
Blown out	1
Broken by contractors	3
Cap drawn	1
Defective pipe	5
Frost	3
Jammed	1
Joints leaking	170
Old and worn	21
Pick holes	6
Rust	2
Settlement	15
Sleeve defective	1

	Total Number during the Year.
Split	2
No cause assigned	12
Main uprights established on old services	10
Mains in streets in J. P. A. district blown off on account of bad water	116
Nuts on sidewalk tubes oiled	3,040
Pavement repairs	1,423
Service pipe repairs, caused by :	
Action of soil	15
Blasting	2
Broken by steam roller	12
Broken by foundation wall	57
Defective joints	62
Defective pipes	75
Defective packing	36
Defective stop cocks	407
Defective couplings	110
Electrolytic action	5
Frost	112
Gnawed by rats	10
Main cocks required renewal	158
Main uprights required renewal	72
Pipes stolen	10
Pipes worn out	27
Settlement of earth	507
Sewer construction	135
Sidewalk cocks required renewal	249
Sidewalk uprights above or below grade	8,756
Sidewalk uprights in way of edgestones	162
Sidewalk uprights required renewal	178
Stopped by dirt	119
Stopped by fish	75
Stopped by gasket	16
Stopped by rust	458
Struck by pick	194
Widening of streets	71
Service pipe changed from iron to lead	1
Service pipes (portions of) changed from $\frac{1}{2}$ -inch lead to $\frac{3}{8}$ -inch lead	2
Service pipes changed from brass to lead	1
Service pipes changed from tin-lined to all lead	4
Service pipes extended on account of street widening	17
Service pipes in exposed locations insulated against frost	31
Service pipes lowered as protection from frost	5
Service pipes moved from way of various corporations,	180
Sidewalk cocks established upon old services	76
Sidewalk uprights established upon old services	76
Water in service pipes turned off and on for repairs	385
Water post repairs of various kinds	998

Main pipes, in danger of collapse through the operations of various contractors and corporations, were watched night and day with an attendant expense to the department of \$1,300.

The pipes in the harbor were watched and cared for, and where necessary protected from the incursions of tide-water.

Test holes were dug along the line of the 40-inch main in Brookline avenue, also in Causeway street, to enable the Engineering Department to determine the condition of the pipes.

The cost of making various repairs in main pipes as scheduled in the foregoing statement varied in amount from \$1.11 to \$1,503.91. The most costly breaks were those in Warren street Brookline (\$1,503.91), Dewey square (\$917.99) and Dean road, Brookline (\$692.13).

The work of replacing an 8-inch sleeve on the 8-inch main in Shirley gut was a particularly difficult and expensive job, owing to the extraordinary conditions under which it was done. The total cost of the job was \$1,744.98.

Inspectors were constantly employed looking after the interests of the Water Department where corporations and contractors were at work. Conduits and other underground fixtures are almost continually being laid in the already overcrowded streets of the city, and it is always a great temptation to those in charge of this work to either lay their conduit over our main or else so near to it as to make it impossible to reach it to make repairs when necessary. This is a serious matter, and nothing short of eternal vigilance on our part serves to protect us.

An item of ever increasing proportions is that of "Service Pipes moved from way of various corporations," chief of which is the Sewer Division of the Street Department, which is establishing a new system of high level surface drainage in several sections of the city. The masonry work of this drainage system seems to come in contact with our service pipes quite frequently, and it is necessary to either raise or lower them so as to avoid passing through the sewer. It is more often the case that they are raised and in some cases this brings the pipes so near to the surface of the street that it is necessary to insulate them as a protection against frost. All this means additional expense and the consumption of time that could be used to advantage otherwise.

The same conditions as mentioned in the preceding paragraph apply to our main pipes and hydrants as well.

STATEMENT OF STOCK MANUFACTURED FROM THE ROUGH
IN THE MACHINE SHOP AND CARPENTER SHOP DURING
THE YEAR ENDING JANUARY 31, 1902.

MACHINE SHOP.

Valves:					
3-inch	33			Bent tubes, with nipples,	
4 "	33			1-inch	19
6 "	77			Bent tubes, without nipples,	
8 "	120			1-inch	6
10 "	49			Male couplings:	
12 "	99			5/8-inch	550
		411		1 "	47
Corporation cocks:				1 1/2 "	50
5/8-inch	3,941			2 "	15
3/4 "	139				662
1 "	216			Water-post female couplings,	
1 1/2 "	125			2-inch	139
		4,421		Force-pump couplings,	
Angle cocks, 5/8-inch	88			5/8-inch	18
Water-post cocks, 1 1/2-inch	36			Combination couplings:	
Air cocks, 2-inch	15			1-inch	26
Puddling-head cocks:				2 "	50
1-inch	4				76
1 1/2 "	2			Plugs:	
		6		1/2-inch	164
Lever-handle cocks, 5/8-inch	18			"	133
Solder cocks, 3/4-inch	139			3/4 "	25
Meter nipples:				1 "	65
5/8-inch	54				387
3/4 "	152			Hydrants:	
1 "	60			Bachelor	292
1 1/2 "	69			Lowry	26
		335		Ordinary post	15
Solder nipples, 3/4-inch	100			Boston Lowry	51
Main nipples, 2-inch	61				384
Coupling nuts:				Hydrant bolts:	
1/2-inch	17			Lowry	632
5/8 "	7,422			Post	1,026
3/4 "	182			Post extension	80
1 "	1,057			Boston Lowry	191
1 1/4 "	8				1,929
1 1/2 "	271			Jointers:	
2 "	35			6-inch	4
		8,992		8 "	17
Combination nuts, 2-inch	34			10 "	8
Post hydrant nuts, 2 1/2-inch	12			12 "	12
Coupling tubes:				16 "	12
5/8-inch	6,764				53
3/4 "	48			Lowry hydrant chucks	5
1 "	87			Lowry hydrant wastes	479
2 "	34			Sidewalk uprights	1,743
		6,933		Hose nozzles, 2 1/2-inch	12
				Set screws, 9/32-inch	2,800
				Bushings, 2 1/2 by 1 1/2	6

CARPENTER SHOP.

Lowry hydrant boxes	73	Boston hydrant box pieces:	
Boston Lowry hydrant boxes	59	1-inch	115
Post hydrant boxes	342	2 "	50
Boston hydrant boxes	12	3 "	24
Gate boxes, ordinary size	529	4 "	12
Gate boxes, large size	45	6 "	12
Lowry hydrant box tops	33		213
Post hydrant box tops	44	Gate box (ordinary size) pieces:	
Boston hydrant box tops	18	1-inch	753
Gate box (ordinary) tops	126	2 "	605
Gate box (large) tops	3	3 "	471
Lowry hydrant box pieces:		4 "	139
1-inch	415	6 "	25
2 "	365	9 "	18
3 "	186		2,011
4 "	12		
	978		

FITTINGS AND TOOLS RENOVATED BY BLACKSMITH AND MACHINE SHOPS.

Valves:		<i>Brought forward</i>	1,230
3-inch	29	1-inch	52
4 "	14	1½ "	45
6 "	72	2 "	3
8 "	7		1,330
12 "	4	Coupling tubes:	
	126	5⁄8-inch	801
Corporation cocks:		1 "	10
5⁄8-inch	62	1½ "	19
1 "	19	2 "	37
1½ "	2		867
	83	Male couplings, 5⁄8-inch	38
Water post cocks, 1½-inch	1	Water-post couplings, 2-in.,	34
Air cocks:		Plugs, 1-inch	15
1½-inch	2	Hydrants:	
2 "	2	Bachelor	12
	4	Lowry	39
Meter nipples, 2-inch	5	Ordinary posts	34
Solder nipples, 2-inch	7	Boston Lowry	5
Coupling nuts:			90
5⁄8-inch	1,207	Hydrant wastes, Lowry	18
¾ "	23	Picks sharpened	17,010
<i>Carried forward</i>	1,230	Picks resteeled	428

In addition to the above mentioned work, the Machine, Carpenter, Paint, Plumbing, and Blacksmith shops performed much work of a miscellaneous nature in the maintenance of the property of the Water Department. Some of the important items are as follows:

- Whitewashed and painted top loft of meter-room.
- Whitewashed interiors of all the shops.
- Altered rain conductors and reshingled at Dorchester yard.
- Painted stable, fences, sheds, etc., at Dorchester yard.
- Painted house at Parker Hill reservoir.
- Widened and altered door of coal bin at Albany-street yard.
- Built a one-story (34 x 12) annex to the machine shop.

Built a portable booth for use by main-pipe men when working in bleak and exposed locations.

Made general repairs to the Dorchester yard and the buildings therein to the extent of \$100.

Painted second-hand pipes and specials reclaimed from the ground. The labor in doing the same amounted to \$895.

Made 230 repairs on tools. Aggregate cost of same, \$1,630.24.

Performed 144 odd jobs, improving condition of shops. Aggregate cost, \$880.60.

Performed 81 odd jobs upon the stables. Aggregate cost, \$437.

Made 419 new tools of various kinds. Aggregate cost, \$2,649.99.

Performed 12 odd jobs in and about the various reservoirs in the care of the department. Aggregate cost, \$79.52.

Performed 19 odd jobs in the improvement of the facilities of the Albany-street yard. Aggregate cost, \$147.42.

Miscellaneous work, including fixtures, appliances, etc., for Engineering Department, office furniture for Water Commissioner's office, etc., amounting to a total cost of \$2,616.73.

REPORT OF THE ENGINEER.

ENGINEERING DEPARTMENT,

50 CITY HALL, February 1, 1902.

GEN. A. P. MARTIN,

Water Commissioner :

SIR, — I herewith submit the following report for the past year of the work done and the records kept :

During the year 18.9 miles of main pipe have been laid and 12.7 miles abandoned, making a total length in the system of 719.6 miles. The following is some of the most important work done :

The 30-inch H. S. main in Washington street, Dorchester, was extended from Talbot avenue to Walton street, a distance of 792 feet.

A 30-inch L. S. main and a 16-inch H. S. main were laid in Bowdoin street, from Beacon street to Ashburton place, after the grade of Bowdoin street had been lowered, on account of the construction of the State House park.

The 24-inch H. S. main in Columbia road was connected between Ceylon and Quincy streets, greatly reënforcing the water supply in the H. S. districts of the northerly portion of Dorchester and of South Boston.

Two 20-inch L. S. pipes were laid in Southampton street over the N. Y., N. H. & H. R.R., to be connected at a later date with the 30-inch main, when it is raised in the new street.

Sixteen-inch mains were laid in Causeway, Lowell, Willard, Spring and Allen streets, from Prince street to Charles street, and in Staniford street, from Causeway street to Cambridge street, a total distance of 5,110 feet, connections being made with the 30-inch L. S. main, in Causeway street at Haverhill street and at Cambridge street; the pipes relaid were old, and in addition to being too small for present needs, were, in many cases, dangerously weak.

A 16-inch H. S. main was laid in Blue Hill avenue, Roxbury, replacing an 8-inch main from Maywood street to Holborn street, a distance of 839 feet.

A 16-inch L. S. main was laid in Mason street, Charles-

town, from Front street to Bow street, replacing a 4-inch main.

A 16-inch L. S. main, replacing a 6-inch main, was laid in Miller street, Charlestown, from Rutherford avenue to Main street, a distance of 675 feet.

A 16-inch main was laid in Columbia road, South Boston, between G street and Q street, a distance of 2,288 feet.

The 16-inch main in Blue Hill avenue, Dorchester, was extended from Walk Hill street to Collins street, a distance of 1,183 feet.

A large part of the work done during the year has been the replacing of old mains with sizes that are adequate for present and estimated future needs; this policy has been consistently carried on for several years past, and the result has been a great improvement in the fire protection of the city.

The only supply of South Boston, east of Fort Point channel and north of West First street, is from the low service, through a single 30-inch main in D street; this main should be extended across Fort Point channel at Congress street or Northern avenue to afford a second main supply pipe in case of emergency.

The high service should also be carried from the city proper into this territory, to supply adequate fire pipe and sprinkler service. The main for this purpose would cross Fort Point channel in the same location as the 30-inch low service, and would ultimately connect with the existing high service in the older portion of South Boston. The assessed valuation of buildings in this part of South Boston is \$3,712,500, an increase of \$2,088,100 in the past ten years.

I recommend that the present siphons under Fort Point channel at Dover street be widened to sixty feet at an early date.

Respectfully submitted,

WILLIAM JACKSON,
City Engineer.

Monthly Rainfall in Inches During 1901 in Various Places in Eastern Massachusetts.

PLACES.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Framingham.....	1.86	1.49	6.41	8.00	7.01	1.20	5.19	4.42	2.96	2.57	2.72	10.87	54.70
Dam 4, Ashland.....	1.97	1.74	6.73	8.34	6.72	1.39	6.37	4.82	3.62	2.62	2.91	10.30	57.53
Cordaville.....	1.65	1.51	6.80	9.87	7.43	1.56	6.19	4.93	3.73	3.04	3.26	9.31	59.28
Lake Cochituate.....	1.85	1.80	6.35	7.51	6.93	1.26	6.67	4.48	3.17	2.83	3.03	8.58	54.46
Chestnut Hill Reservoir.....	1.72	.77	7.25	8.21	7.14	1.23	6.40	4.15	3.25	3.01	2.83	8.25	54.21
Spot Pond.....	1.73	.82	6.83	8.36	7.19	1.86	4.69	3.64	3.67	2.54	2.78	7.96	52.07
Cambridge Observatory.....	1.73	1.16	6.74	8.26	7.41	1.09	3.18	3.95	3.78	2.87	2.80	8.24	51.21
Waltham, Boston Manufacturing Company.....	1.36	1.20	6.76	8.62	8.31	1.15	5.34	4.47	3.93	2.72	3.52	8.83	56.21
Lowell, Locks and Canals Company.....	1.72	1.06	5.76	10.57	7.68	1.49	4.78	3.27	3.28	3.43	2.79	8.55	54.37
Averages of above nine places.....	1.73	1.28	6.62	8.64	7.31	1.36	5.42	4.24	3.49	2.85	2.96	8.99	54.89

Average Maximum and Minimum Monthly Heights, in Feet, Above City Base, to which Water Rose at Different Stations on the Boston Water Works.

1901.	Boston Common.		Engine house No. 8, Salem street.		Engine house No. 7, East street.		Engine house No. 6, West street.		Engine house No. 5, Fourth street, So. Boston.		7th Albany street.		Engine house No. 2, West street, Dorchester.		Engine house No. 4, West street, Brighton.		Engine house No. 3, Bay street, Charlestown.		Engine house No. 9, Faneuil street, East Boston.		City Hall High Sewer view.		Engine house No. 2, Cape street, High service.		Engine house No. 10, South street, High service.		Engine house No. 20, Chestnut street, Brighton, High service.		Faneuil Hall, Spring st., W. Roxbury, High Sewer view.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
January	128.9	121.3	127.2	115.9	127.1	118.3	126.8	115.9	126.1	113.5	128.1	118.9	126.8	113.9	141.7	135.1	165.8	162.1	147.7	135.7	249.7	246.0	247.2	239.2	246.8	238.5	254.9	252.1	247.1	238.1
February	131.7	126.9	128.1	121.1	129.7	125.1	128.4	121.1	126.9	119.6	131.5	126.4	127.5	119.6	143.8	137.2	169.4	162.2	145.1	132.7	249.6	246.1	247.0	239.6	246.6	238.1	254.7	252.3	246.4	239.0
March	135.8	131.2	132.1	125.7	134.0	129.5	133.1	125.8	131.9	121.7	135.0	129.8	132.2	124.6	145.1	133.7	174.7	162.8	156.9	140.1	249.9	246.1	248.9	240.4	247.6	249.0	254.8	252.0	247.0	239.0
April	143.3	131.6	130.3	126.0	132.6	126.2	132.0	126.0	131.5	125.1	133.0	130.4	132.1	124.2	142.7	140.6	171.1	159.1	167.9	151.7	249.5	246.0	248.8	239.7	248.3	242.5	254.8	251.3	247.5	240.0
May	154.3	131.0	131.7	126.5	134.1	130.3	133.1	125.8	132.0	124.7	134.6	130.1	131.6	128.6	142.7	140.9	172.3	159.5	167.1	149.5	250.0	246.0	250.0	241.8	248.0	241.3	251.9	250.0	247.1	239.0
June	156.7	128.7	131.4	121.1	136.9	126.1	145.8	136.5	135.8	139.6	136.0	128.5	135.1	121.4	142.0	139.5	176.2	162.1	169.8	149.1	249.4	246.0	248.5	248.0	247.8	239.0	249.6	248.7	247.0	246.1
July	155.7	126.3	131.1	119.6	134.5	124.1	134.7	122.9	131.1	118.4	131.9	125.9	132.7	116.2	142.7	139.5	176.2	164.2	169.6	151.9	250.1	242.0	248.4	238.3	247.2	239.0	238.9	253.1	247.3	236.0
August	135.4	127.6	133.1	129.8	135.0	127.4	134.8	129.5	132.8	120.1	125.5	127.0	134.3	129.8	140.8	139.2	176.9	160.0	170.7	159.3	248.9	241.2	247.9	247.3	240.6	254.5	251.3	247.1	237.0	
September	132.9	128.0	131.2	120.3	131.0	127.6	131.6	120.4	131.0	120.2	132.8	127.6	130.7	117.4	141.2	136.3	171.7	158.4	165.2	147.7	247.1	239.5	247.6	238.1	247.8	240.2	254.2	251.7	247.6	236.4
October	121.1	128.5	132.4	124.1	134.6	128.0	132.1	123.3	131.3	124.4	134.0	121.2	131.7	129.6	133.4	134.1	175.8	159.0	165.7	149.4	248.3	240.4	248.6	238.5	248.3	239.7	255.0	251.5	248.0	237.6
November	114.1	123.7	132.6	123.5	133.8	129.0	133.4	124.1	127.2	121.6	133.9	129.2	114.3	119.0	144.3	140.0	175.0	160.3	165.5	151.0	248.2	241.1	248.9	248.6	247.5	246.1	252.9	251.1	247.0	237.0
December	131.2	127.8	129.2	122.6	130.9	126.5	129.9	129.3	128.5	127.3	131.0	127.5	.....	.....	144.2	138.3	168.2	157.8	156.8	136.9	248.3	241.0	247.3	238.8	246.1	248.8	249.5	249.0	246.1	236.3
Averages	133.7	128.2	131.3	122.3	132.7	126.9	132.1	121.1	131.4	120.9	129.3	127.4	.....	.....	142.9	138.7	172.8	160.7	162.3	145.9	249.1	243.6	248.3	239.1	247.5	239.7	253.3	251.2	247.6	237.7



Statement showing Total Number of Employees, with Salaries or Wages, on January 31, 1901, and on January 31, 1902.

	Salary or Wages.	Jan. 31, 1901.	Jan. 31, 1902.
Commissioner.....	\$5,000 per annum.....	1	1
Assistant Commissioners,	3,000 " "	2	2
Superintendents.....	3,000 " "	2	2
Assistant Superintendents.....	2,000 " "	2	2
Clerks.....	2,000 and over per annum...	4	4
Clerks under.....	2,000 per annum.....	30	25
* Claim agent.....	1,800 " "	-	1
Messengers	1,000 and under per annum.	5	6
Engineers.....	1,400 to \$2,000 " " ..	3	2
Inspectors	1,100 to 1,800 " " ..	30	30
Electrician.....	1,200 per annum.....	1	1
Patternmaker.....	1,300 " "	1	1
Yard master.....	1,800 " "	1	1
Yard man.....	1,100 " "	1	-
Master machinist.....	1,600 " "	1	1
Foremen	1,200 to \$2,000 per annum..	13	13
"	3.00 to 3.50 per diem.....	13	10
* Inspector of Castings...	4.00 per diem.....	-	1
Mechanics	2.00 to \$3.25 per diem.....	27	32
Skilled laborers.....	3.10 to 3.00 " "	201	200
Laborers	2.00 per diem.....	405	391
Boys	1.25 to \$1.75 per diem.....	10	10
		<u>753</u>	<u>736</u>

* Differently classified last year.

¹ BOSTON WATER BOARD.

ORGANIZED JULY 31, 1876.

TIMOTHY T. SAWYER, from July 31, 1876, to May 5, 1879; and from May 1, 1882, to May 4, 1883.
 LEONARD R. CUTTER, from July 31, 1876, to May 4, 1883.²
 ALBERT STANWOOD, from July 31, 1876, to May 7, 1883.²
 FRANCIS THOMPSON, from May 5, 1879, to May 1, 1882.²
 WILLIAM A. SIMMONS, from May 7, 1883, to August 18, 1885.
 GEORGE M. HOBBS, from May 4, 1883, to May 4, 1885.
 JOHN G. BLAKE, from May 4, 1883, to August 18, 1885.
 WILLIAM B. SMART, from May 4, 1885, to March 18, 1889.
 HORACE T. ROCKWELL, from August 25, 1885 to April 25, 1888.
 THOMAS F. DOHERTY, from August 26, 1885, to May 5, 1890; and from May 4, 1891, to July 1, 1895.
 ROBERT GRANT, from April 25, 1888, to July 18, 1893.³
 PHILIP J. DOHERTY, from March 18, 1889, to May 4, 1891.
 JOHN W. LEIGHTON, from May 5, 1890 to July 1, 1895.²
 WILLIAM S. McNARY, from August 15, 1893, to November 5, 1894.³
 CHARLES W. SMITH, from January 23, 1895, to July 1, 1895.

¹ WATER COMMISSIONERS.

CHARLES W. SMITH, from July 1, 1895, to January 20, 1896.³
 JEREMIAH J. MCCARTHY (Acting), from January 20 to February 1, 1896.
 JOHN R. MURPHY, from February 1, 1896, to October 17, 1899.³
 BENJAMIN W. WELLS (Acting), from October 17, 1899, to December 28, 1899.
 AUGUSTUS P. MARTIN, from December 28, 1899, to present time.

Assistant Water Commissioners.

JEREMIAH J. MCCARTHY, from July 1, 1895, to January 20, 1896.
 EDWARD C. ELLIS, from February 17, 1896, to November 1, 1900.
 MELVIN P. FREEMAN, from February 7, 1900, to present time.
 WILLIAM H. OAKES, from November 1, 1900, to present time.

Chief Clerk and Secretary.

WALTER E. SWAN.

General Superintendent Income Division.

JOS. H. CALDWELL.

Superintendent Distribution Division.

WILLIAM J. WELCH.

City Engineer and Engineer of the Department.

WILLIAM JACKSON.

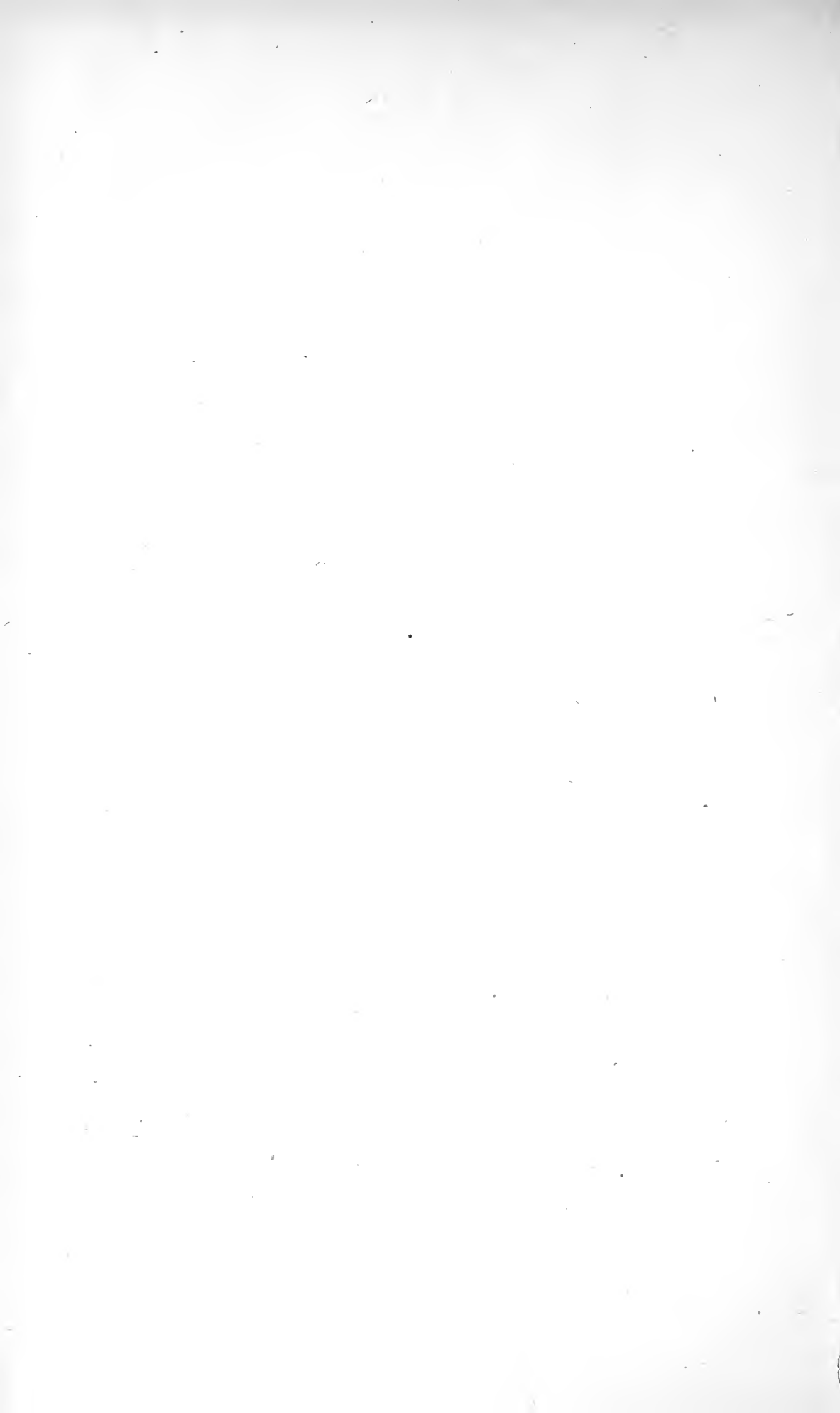
¹ Under Chap. 449 of the Acts of 1895, the Boston Water Board was abolished, and the Water Supply and Water Income Departments consolidated and placed under the charge of one Water Commissioner.

² Deceased.³ Resigned.

GENERAL STATISTICS.

BOSTON WATER DEPARTMENT.

Daily average amount used through meters, gallons	16,554,200
Number of services	88,683
Number of meters	5,150
Number of motors	124
Number of elevators	567
Length of supply and distributing mains, in miles	719.6
Number of public fire hydrants in use	7,406
Yearly revenue from annual water rates	\$1,309,821 59
Yearly revenue from metered water	\$952,839 61
Percentage of total revenue from metered water	42.1
Yearly expense of maintenance	\$601,639 35



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