

Summary of Hydrants.

No. of Hydrants on Streets	December 31st, 1909	340	
"	" Wharves	December 31st, 1909	20
"	" Military and Naval Property		20
"	" Private Property		13
<hr/>			
"	" in use	December 31st, 1909	456
"	" added on Streets	in 1910	9
<hr/>			
"	" in use	December 31st, 1910	465

Old Hydrants Replaced with Frost Jacket Hydrants.

STREET.	LOCATION.	Design.	Service.	Size of Pipe— Inches.	Length of Pipe —Feet.	No. of Nozzle.	Distance Valve from Hydrant.	Cost.
Buckingham	Cor. Argyle	City	L.	6	3.0	3	...	\$102.20
Duke	"	"	L.	6	4.0	3	4.0	102.56
Gottingen	Opp. Deaf and Dumb	"	H.	6	...	3	3' 11"	103.40
"	312' S. of North	"	H.	6	...	3	4' 6"	104.12
Prince	Cor. Argyle	"	L.	6	6.0	3	3' 6"	135.74
Procter	Opp. Cunard Court	"	L.	6	...	3	...	85.03
Robie	Cor. Coburg Rd	"	H.	6	5.0	3	...	132.25
Sackville	Cor. Argyle	"	L.	6	...	3	3' 9"	104.93
Seymour	Between Coburg Rd. and Morris	"	H.	6	18.0	3	...	168.72
South	Cor. South Park	"	L.	6	...	3	...	80.00
Victoria Rd.	"	"	L.	6	...	3	3' 6"	103.92

Valves on Hydrants.

STREET.	LOCATION.	Size.	Service.
Chebucto Road	At Connolly Road	5' 2"	6"
Clifton	Between Cunard and Charles	5' 0"	6"
Cedar	Opp. Henry	6' 3"	6"
Edward	At Binney	4' 6"	6"
Lilac	At Coburg Road	7' 8"	6"
Longard Road	At Columbus	11' 6"	6"
Morris	Between Pleasant and Church	8' 8"	6"
"	At Church	8' 6"	6"
"	At South Park	6' 3"	6"
North	Old Railway Station	4' 10"	6"
Oxford	At Jubilee Road	5' 6"	6"

Valves Set during 1910.

STREET.	LOCATION.	Size.	Service.
Agricola	S. side W. Young, 21' 3" from S. E. cor. 3' N	9	H.
"	S. side Kane, 26' 0" from S. E. cor., and 600' S. from N. side Kane	9	H.
Albemarle	N. side Prince, 22' 8" from N. E. cor. south from cor. of house 1' 0"	6	L.
Belle Aire Terrace	S. side Ontario 19' 8" from S. W. cor.	6	H.
Cedar	E. side Henry, 33' 0" S. E. cor. line St.	6	H.
Chebucto Road	W. side Connolly, 19' 6" N. W. cor. line St.	6	H.
Cherry	E. side Louisburg, 39' 6" S. E. cor. to house in lire with W. side manhole	6	H.
City Lot	59' 0" E. from E. end of blacksmith shop, and 36' 0" out from building	4	H.
Gottingen	S. side North, 19' 6" S. E. cor.	6	H.
Chestnut	S. side Jubilee Road, 21' 0" S. E. cor. North of cor. 1' 0"	6	H.
Henry	S. side Cedar, W. side 24' 5" N. of R. Theakston's house 31' 10" .....	..	H.
Jubilee Road	E. side Oxford, 31' 10" S. E. cor	6	L.
Kline	S. side Oak, N. E. cor. 27' 2" N. E. cor. 41' 1"	6	H.
Larch	N. side Coburg Road, N. W. cor. line 35' 0"	6	H.
Longard Road	Line of Mr. Redmond's verandah, 42' 0", S. side Young, S. E. cor. 27' 6"	6	H.
"	N. side Macara, N. E. cor. 28' S. of cor. 1' 0"	6	H.
Oxford	S. side Quinpool Road, S. E. cor. 14' 2"	12	L.
"	N. side Jubilee Road, N. W. corner	12	L.
Oak	E. side Kline, S. E. cor. to house 35' 0", 26' 11" W. of house 4' 7"	6	H.
Stairs	E. side Agricola, N. E. cor. 27' 4"	6	H.
VALVES REPLACED.			
		Old	New.
Duke	W. side Albemarle, 19' 2" N. W. cor. E. of cor. 0' 6"	3	6
George	W. side Albemarle, 15' 7" N. W. cor	3	6
Morris	W. side Pleasant, 22' 4" N. W. cor. West of corner	6	12
"	E. side Queen, 23' 2" N. E. cor	6	12
"	W. side Queen, 19' 7" N. W. cor. ....	..	..
"	E. side South Park, 24' 7" N. E. cor., a little E. of line looking north	6	12
North	E. side Brunswick, 15' 10" S. E.	9	12
Prince	W. side Albemarle, 13' 1" N. W. cor. E. of cor 0' 6"	3	6

Total Number of Valves.

	HYDRANT VALVES.											TOTAL.				
	27"	24"	20"	16"	12"	9"	6"	4"	3"	1 1/2"	1 1/4"		1"	3/4"	6"	4"
In use Dec. 31, 1909 ..	1	8	2	29	65	76	372	109	106	2	9	2	11	131	1	924
Added in 1910					6	2	16	1	.....					17	.....	42
Removed in 1910						1		3	.....	3				.....	.....	7
In use Dec. 31, 1910...	1	8	2	29	71	77	385	110	103	2	9	2	11	148	1	959

Stock on Hand December 31st, 1910.

DESCRIPTION.	Length of each in feet.	No. of pieces.	Diameter in inches.	Weight of one in lbs.	Total Weight.	Value in cents per lb.	Total Value.
Cast iron pipe, T. & B. Class A	12	2	27	2370	5740	1 1/4	\$ 100 44
“ “ “ “ B	12	3	27	3206	9618	“	168 10
“ “ “ “ C	12	1	27	3658	3658	“	64 01
Cast iron pipe	12	6	24	2360	14160	“	247 80
“ “	9	4	20	1263	5052	2	113 67
“ “	9	6	15	1200	6000	2 1/4	135 00
“ “	12	231	12	968	223608	1 1/4	3913 04
“ “	9	14	10	550	7700	“	134 75
“ “ T. & B.	12	57	9	680	38760	“	678 30
“ “ T. & B.	9	40	9	500	20000	“	350 00
“ “ (old, plain)	9	66	9	500	33000	“	577 50
“ “ T. & B.	12	654	6	378	247212	2 1/4	5562 27
“ “ (old)	9	85	6	280	23800	“	535 50
“ “	9	2	8	386	772	“	17 37
“ “	9	18	5	222	3966	“	89 91
“ “	12	12	4	202	2424	“	54 54
“ “	9	720	4	156	11230	“	2527 26
“ “	9	46	3	140	6440	“	144 90
Service pipes		36		26	936	“	21 06
“ plates		25		12	300	“	6 75
“ caps		7		6	42	“	94
“ thimbles		49		2	98	“	2 20
“ sleeves		300		22	6600	“	148 50
Sleeves for main valves		12		32	384	“	8 64
Plates for main valves		31		54	1674	“	37 66

Pipe—Specials.

No. of Pieces	Diameter in inches.	DESCRIPTION.	Weight of one in lbs.	Total Weight.	Value per lb. in cents.	Total Value.
11	27	Thimbles	630	6930	24	\$ 153 92
2	27	Bell Mouth	831	1662	"	37 39
13	27	Bevel Collars	795	10335	"	210 05
1	27	Plain Special, 2 ft. long, Class A	404	404	1 3/4	7 04
1	27	" 2 " " B	460	460	"	8 05
1	27	" 3 " " B	700	700	"	12 25
1	27	" 4 " " B	920	920	"	16 10
1	27	" 5 " " B	1248	1248	"	21 84
2	27	" 6 " " B	1360	2720	"	47 60
2	27	" 3 " " C	820	1640	"	28 70
1	27	" 4 " " C	1068	1068	"	18 69
1	27	" 5 " " C	1332	1332	"	23 31
2	27	Saddle 27" x 6"	70	140	3	4 20
1	24	Bevel Collar	688	688	2 1/4	15 48
9	24	Thimbles	396	3564	"	80 19
2	24	Saddles	70	140	3	4 20
1	24	Cap	290	290	2 1/4	6 52
6	24	Split Thimbles	620	3720	2 3/4	93 00
4	20	Thimbles	230	920	"	20 07
1	26	Split Thimble	453	453	"	11 32
3	15	Four Way Branches	896	2688	2 1/4	60 48
4	15	" 15 x 6 x 6	660	3960	"	89 10
2	15	Y Branches	1112	2224	"	50 04
1	15	Reducing to 6"	400	400	"	9 00
6	15	Thimbles	230	1380	"	31 05
4	15	Split Thimbles	260	1040	2 1/2	26 00
5	15	Saddle 15" x 6"	67	335	2 1/4	7 54
6	15	Saddle 15" x 3"	65	330	"	7 42
3	12	Four Way Branches 12" x 12"	615	1845	"	41 69
9	12	Three Way Branches 12" x 12"	524	4716	"	106 11
2	12	" 12" x 6"	490	980	"	22 05
1	12	Four Way Branch 12" x 4"	424	424	"	9 54
1	12	Three Way Branch 12" x 9" x 6"	500	500	"	11 25
2	12	Reducing to 6" with faucets	200	400	"	9 00
2	12	Reducing to 6" without faucets	200	400	"	9 00
12	12	Thimbles	160	1920	"	43 20
1	12	Saddle 12" x 4"	45	45	2 1/2	1 12
8	12	Split Thimbles	222	1776	"	44 40
2	9	Six Way Branches, 9 x 9 x 9 x 3	450	900	2 1/4	20 25
2	9	Three Way Branches, 9 x 9	355	710	"	17 75
2	9	Four Way Branches, 9 x 9 x 6 x 6	400	800	"	20 00
3	9	Three Way Branches, 9 x 6	335	1005	"	25 11
5	9	Reducing to 6"	157	785	"	19 61
15	9	Thimbles	112	1680	"	37 80
16	9	Split Thimbles	139	2224	2 1/2	55 60

PIPE SPECIALS.—(Continued.)

No. of Pieces.	Diameter in inches.	DESCRIPTION.	Weight of one in lbs.	Total Weight.	Value per lb. in cents.	Total Value.
1	9	Offset	156	156	2 $\frac{1}{4}$	\$ 3 61
3	6	Four Way Branches	255	765	"	17 21
5	6	Three Way Branches	209	1045	"	23 51
1	6	Three Way Branch 6" x 3"	131	131	"	2 95
6	6	Reducing to 4"	114	684	"	15 39
9	6	Reducing 3" with faucets	100	900	"	20 25
11	6	Offsets	140	1540	"	34 65
6	6	Bends	140	840	"	18 90
2	6	Three Way Branches, 6" x 4"	200	400	"	9 00
25	6	Thimbles	75	1875	"	42 19
6	6	Split Thimbles	92	552	2 $\frac{1}{4}$	13 80
4	6	Y Branches	209	836	2 $\frac{1}{4}$	18 81
8	6	Caps	19	152	"	3 42
21	4	Four Way Branches	123	2583	"	58 62
7	4	Three Way Branches	114	798	"	17 95
6	4	Y Branches	96	576	"	12 96
1	4	Reducing to 3"	84	84	"	1 89
3	4	Offsets	66	198	"	4 45
1	4	Short Bend	88	88	"	1 98
1	4	Reducing to 4" with faucet	90	90	"	2 02
21	4	Thimbles	29	609	"	13 70
13	4	Split Thimbles	64	832	2 $\frac{1}{4}$	20 80
6	3	Crosses	90	540	2 $\frac{1}{4}$	12 15
3	3	Three Way Branches	60	180	"	4 05
28	3	Thimbles Split	48	1344	2 $\frac{1}{4}$	33 60
6	2	Four Way Branches	30	180	2 $\frac{1}{4}$	4 05
1	2	Y Branch	23	23	"	56
1	1 $\frac{1}{2}$	Y "	20	20	"	45
3	3	Thimbles	29	87	"	1 96
8		Fire Hydrants with Frost Jackets				532 00
8		Fire Hydrants, old style				320 00
6		Hydrants not finished	418	2508		75 24
6		Hydrant Jackets	340	2040		61 20
6		Bases for Hydrants	175			31 50
1		Base for Hydrant, 6" x 3"	150			4 50
3		Extension pieces for Fire Plugs	124	372	3	11 16
7		Sets of brass fittings for Hydrants				84 00
1		Tin Tubing	175	175	33	57 75

Joint Staves.

For 6 inch Pipe.	For 9 inch Pipe.	For 12 inch Pipe.	For 15 inch Pipe.	For 20 inch Pipe.	For 24 inch Pipe.	KeyWedges	Cost of each	Total Cost.
3600	800	1000	1000	2500	1000	4000	1 $\frac{1}{4}$ 4	\$123 75 10 00
								\$133 75

Meters in Stock.

Number of	Diameter in inches.	DESCRIPTION.	Value of each.	Total Value.
2	6	Siemen's Meters	\$ 143 42	\$ 286 84
6	4	“ “	86 75	520 50
19	3	“ “	65 67	1247 73
4	2	“ “	44 65	178 60
1	1 $\frac{1}{2}$	“ “	34 42	34 42
6	1 $\frac{1}{4}$	“ “	29 16	174 96
15	1	“ “	21 50	322 50
3	$\frac{3}{4}$	“ “	15 50	46 50
67	$\frac{1}{2}$	“ “	14 50	971 50
4	2	Trident “	62 60	250 40
4	1 $\frac{1}{2}$	“ “	37 60	150 40
5	1	“ “	21 00	105 00
66	$\frac{3}{4}$	“ “	17 60	1161 60
1719	$\frac{1}{2}$	“ “	11 97	20576 43
2	$\frac{1}{2}$	Buffalo “	9 85	19 70
1	$\frac{1}{2}$	Keystone “	15 40	15 40
1	$\frac{1}{2}$	“ “	12 00	12 00
1	$\frac{1}{2}$	Hersey “	11 95	11 95
1	$\frac{1}{2}$	Worthington Meters	15 00	15 00
1	$\frac{1}{2}$	Nash “	11 88	11 88
529	$\frac{1}{2}$	Lambert “	11 20	5924 80
1	$\frac{1}{2}$	Crown “	25 00	25 00
1	$\frac{1}{2}$	Disc Pittsburg “	21 00	21 00
2	$\frac{1}{2}$	Empire “	14 53	29 06
1	$\frac{1}{2}$	Crown “	49 25	49 25
				\$32162 44

Miscellaneous.

No. of pieces.	DESCRIPTION.	Value of each.	Total Value.
1	Pipe Tapping machine		\$ 127 00
1	“ “		100 00
1	5 h. p. steam engine and pump		625 00
1	Electric motor		203 00
1	Electric pipe-thawing machine		
3	Derrick winches	\$ 7 00	21 00
2	Hand winches	8 00	16 00
2	Platform scales	25 00	50 00
1	Vertical boring machine		80 00
1	2" to 6" pipe cutting machine		22 10
3	Lathes		200 00
4	Pressure gauges	10 00	40 00
1	“ “		50 00
.....	Tape packing for meters		40 00
.....	Blacksmith tools		150 00
			\$1724 10

Recapitulation.

DESCRIPTION.	No of Pieces.	No of Pounds.	Value.
Pipes	2427	667174	\$15659 65
Specials	403	96445	3026 86
Joint Staves	13900		133 75
Valves	242		1541 64
Meters	2461		32162 44
Miscellaneous			1724 10
			\$54225 44

Rented Domestic Hydrants.

STREET.	LOCATION.
Cedar	N. E. Cor. Louisburg.
Duffus	S. E. Cor. Gottingen.
Duncan	N. E. Cor. Harvard.
Mott	N. W. Cor. Seldon.
Oak	S. E. Cor. Beech.
Preston	S. W. Cor. Jubilee Road.
Sullivan	Opp. Oland's Brewery.
Tower Road	S. W. Cor. Fay's Lane.

Free Pumps maintained by City.

STREET.	LOCATION.
Campbell Road	Africville.
Chebucto Road	West of Beech.
Duffus	Opp. Grove Church.
Lady Hammond Road	West of Longard Road.
North Kline	North of Chebucto Road.
Quinn	N. of Quinpool Road.
West Harvey	E. of Oxford.

Hydraulic Hoists.

STREET.	LOCATION.	SIZE.
Barrington St	G. M. Smith	4 inch.
Hollis St	Appraisers	3 "
Sackville St	Dillon Bros.	3 "

Hydraulic Motors.

Brunswick St	Methodist Church	2 inch.
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Public Drinking Fountains.

STREET.	LOCATION.
Bedford Row	Market Square.
North Park	S. W. Cor. Cogswell.
Public Gardens	Near Spring Garden Road.
Public Gardens	Near South Park St.
St. Paul's Street	N. Cor. Barrington.

Ornamental Fountains.

STREET.	LOCATION.
Grand Parade	Opp. George St.
Public Gardens	Victoria Jubilee.
Public Gardens	South African Memorial.
Public Gardens	S. E. Corner.

Service Pipes Laid 1910.

Number.	Name of Owner or Agent.	Location of Premises.	No. of Stopcock.	Purpose for which water is used.
			Size of Pipe.	
1	John Nolan	N. side Falkland	7591	Dwelling.
2	"	"	7592	
3	Chas. Andrews	W. side Gottingen	7593	" "
4	A. C. Theakston	S. side South	7594	" "
5	T. J. Brown	W. side Seymour	7595	" "
6	H. W. Trider	W. side Preston	7596	" "
7	W. B. Mahoney	W. side Lower Water	7597	" "
8	"	"	7598	" "
9	Mrs. Mary James	N. side Chebucto Road	7599	Dwelling and Shop.
10	E. W. O'Donnell	"	7600	
11	"	"	7601	Dwelling.
12	"	"	7602	" "
13	"	"	7603	" "
14	"	"	7604	" "
15	"	"	7605	" "
16	"	"	7606	" "
17	Dr. J. G. Bennett	N. side North	7607	" "
18	J. A. Forbes	S. side Chebucto Road	7608	Dwelling and Shop.
19	Francis Coughlan	N. "	7609	
20	W. W. Hoytt	W. side Robie	7610	Dwelling.
21	D. P. McNeil	N. side Pepperell	7611	" "
22	W. E. Hebb	E. side Edward	7612	" "
23	T. J. Brown	W. side Seymour	7613	" "
24	A. Webber	E. side Brunswick	7614	" "
25	E. Horne	S. side Almon	7615	" "
26	R. Yeadon	S. side Duncan	7616	" "
27	Geo. Rolfe	E. side Longard Road	7617	" "
28	Wm. Cochran	W. "	7618	" "
29	J. S. Parker	W. "	7619	" "
30	E. Maxwell	E. side Henry	7620	" "
31	W. T. Francis	S. side Coburg Road	7621	" "
32	C. A. Theakston	W. side Tower Road	7622	" "
33	A. Moore	W. side Beech	7623	" "
34	Gray & Flinn	S. side South	7624	" "
35	W. K. Thompson	W. side Kline	7625	" "
37	James Conlon	E. side Seldon	7626	" "
38	E. A. Sullivan	W. side Robie	7628	" "
39	Maud King	W. side Creighton	7629	" "
40	A. C. Theakston	N. side Cedar	7630	Planing Mill.

SERVICE PIPES LAID, 1910.—(Continued).

Number.	Name of Owner or Agent.	Location of Premises.	No. of Stopcock.	Size of Pipe.	Purpose for which water is used.
41	E. M. Wilson	S. side W. Young	7631	1 1/2	Dwelling.
42	N. Jackson	W. side Clifton	7632	"	"
43	— Kennedy	E. side Queen	7633	"	Laundry.
44	L. J. Demone	W. side Edward	7634	"	Dwelling.
45	S. H. Lawrence	W. side Windsor	7635	"	"
46	R. M. Symonds	N. side Inglis	7636	"	Stable.
47	Daniel Reid	N. side North	7637	"	Dwelling.
48	Alfred Harvey	N. side Quinpool Road	7638	"	Dwelling and Shop.
49	J. A. Redmond	N. side Coburg Road	7639	"	Dwelling.
50	R. C. Lea	E. side Larch	7640	"	"
51	"	"	7641	"	"
52	Aubrey Grant	W. side Windsor	7642	"	Quoit Club.
53	E. Maxwell	S. side Cedar	7643	"	Dwelling.
54	"	E. side Henry	7644	"	"
55	Clayton & Sons	W. side Poplar Grove	7645	"	Shop.
56	W. H. Cleverdon	W. side Henry	7646	"	Dwelling.
57	H. A. Bremner	N. side Quinpool Road	7647	"	Dwelling and Shop.
58	A. C. Theakston	S. side Cherry	7648	"	Dwelling.
59	J. S. Flemming	S. side Quinpool Road	7649	"	"
60	James McDonald	S. side Oak	7650	"	"
61	"	"	7651	"	"
62	John Yeadon	S. side Lawrence	7652	"	"
63	Rupert Derrick	W. side Windsor	7653	"	"
64	Chas. Andrews	N. side Stairs	7654	"	"
65	Wm. Crompton	N. "	7655	"	"
66	Geo. Murphy	S. "	7656	"	"
67	Jessie Dunphy	S. "	7657	"	"
68	H. A. Brown	S. side Black	7658	"	"
69	F. Stevens	W. side Vernon	7659	"	Tap for cattle.
70	L. J. Brunt	W. side Louisburg	7660	"	Dwelling.
71	Mrs. T. C. Hubley	W. side Gottingen	7661	"	"
72	W. K. Thomson	E. side Franklyn	7662	"	For cattle.
73	Fred Curry	W. side Agricola	7663	"	Dwelling.
74	John McElmon	N. side W. Young	7664	"	Factory.
75	E. Tufts	E. side Longard Road	7665	"	Dwelling.
76	H. Tremaine	N. side Quinpool Road	7666	"	"
77	Geo. E. Publicover	S. side McCully	7667	"	"
78	Joseph Tufts	E. side Longard Road	7668	"	Dwelling and Shop.
79	Elizabeth Connors	E. "	7669	"	Dwelling.

SERVICE PIPES LAID, 1910--(Continued).

Number.	Name of Owner or Agent.	Location of Premises.	No. of Stopcock.	Size of Pipe.	Purpose for which water is used.
80	A. F. Mackintosh	E. side Pleasant	7670	½	Dwelling.
81	Mrs. Wm. Taylor	W. side Agricola	7671	"	"
82	M. Scanlan	W. side Tower Road	7672	"	"
83	A. G. Drysdale	S. side W. Young	7673	"	"
84	F. E. Davidson	E. side Oxford	7674	"	"
85	M. A. McCarthy	N. side W. Young	7675	"	"
86	Mrs. G. T. Smith	E. side Edward	7676	"	"
87	Wm. T. Harris & Son	W. side Maynard	7677	"	Workshop.
88	James Dawes	E. side Henry	7678	"	Dwelling.
89	R. H. Crayden	E. side Agricola	7679	"	Hall.
91	N. Mitchell	S. side Harvey	7680	"	Dwelling.
92	Helen Lowe	E. side Oakland	7681	"	"
93	"	E. " "	7682	"	"
94	John Langton	S. side W. Young	7683	"	"
95	A. C. Theakston	S. side Cherry	7684	"	"
96	F. M. McPherson	N. " "	7685	"	"
97	Mrs. H. Wooley	S. side Allan	7686	"	"
98	W. J. Terran	W. side S. Bland	7687	"	"
99	Halifax Cold Storage	E. side Lower Water	7688	1½	Cold Storage.
100	J. E. Morrison	W. side Preston	7689	1½	Dwelling.
101	Chas. Carmichael	N. side Yale	7690	"	"
102	Norman Myers	E. side Clifton	7691	"	"
103	C. Topple	S. side Yale	7692	"	"
104	S. H. James	N. side Chebucto Road	7693	"	"
105	D. Dunlap	E. side Oxford	7694	"	"
106	A. L. Melvin	W. side Tower Road	7695	"	"
107	D. P. McNeil	N. side Pepperell	7696	"	"
108	W. H. Cleverdon	W. side Henry	7697	"	"
109	Mrs. Chas. Stewart	E. side Oxford	7698	"	"
110	Jas. Hutt	S. side Yale	7699	"	"
111	A. C. Theakston	S. side South	7700	"	"
112	E. E. Silliker	E. side Oxford	7701	"	"
113	Leo Boudreau	E. side Plover	7702	"	"
114	Chas. Marriott	E. side Oxford	7703	"	"
115	F. L. Davison	E. " "	7704	"	Flats.
116	C. H. Taylor	E. side Edward	7705	"	Dwelling.
117	John Murphy	E. side Oxford	7706	"	"
118	E. E. Silliker	E. " "	7707	"	"
119	Arthur Cox	E. " "	7708	"	"

SERVICE PIPES LAID, 1910—(Continued).

Number.	Name of Owner or Agent.	Location of Premises.	No. of Stopcock.	Size of Pipe.	Purpose for which water is used.
120	Annie Roche.....	N. side Pepperell.	7709	1	Dwelling.
121	Gray & Flinn	S. side South	7710	"	"
122	David Gray	W. side LeMarchant.	7711	"	"
123	D. Hennigan	W. side Edward	7712	"	"
124	P. Moynihan	N. side Jubilee Road	7713	"	"
125	Abram Fry	S. "	7714	"	"
126	C. H. Kirby	N. side W. Young	7715	"	"
127	E. Gibson	S. side Pepperell.....	7716	"	"
128	W. B. Sandford	N. side Duncan	7717	"	"
129	Royal Bank of Canada...	N. side George	7718	3	Bank.
130	J. S. Parker Est	E. side Chestnut	7719	1	Dwelling.
131	"	E. "	7720	"	"
132	John Davison	E. "	7720	"	"
133	Chas. Andrews.....	N. side Duffus	7721	"	"
134	"	N. "	7722	"	"
135	A. A. Thomson.....	N. side Black	7723	"	"
136	MacDonald, Manager	W. side Lower Water....	7724	1 1/2	Halifax Hotel.

Total	Materials	Labour	No.	Repairs
27	25	3	84	Dist broken
43.45	43.70	84	4	Cast iron bottom
4.98	1.55	4	1	Dist piston
22	25	1	1	Dist spindle
75	75	1	1	Spindle change gear
75	75	1	1	Gear train broken
50	50	1	1	Press spindle
90	15	75	2	Press cover
70	70	1	1	Press by foot
2.00	2.00	4	4	Trained by foot
25	25	2	2	Dist piston warped
75	75	1	1	Dist chamber strained
50	50	1	1	Gear train strained
15	15	1	1	Worn wheel worn
70	70	1	1	Hand broken
41.47	28.40	18.07	97	Bolts stripped
				Total

Statement of Meters for the Year ending April 30th, 1911.

Meters belonging to Department April 30th 1910.....	3777
Meters purchased during year.....	12
Meters reclaimed.....	0

Total Meters belonging to Department April 30th, 1911..... 3789

Distributed as follows :—

In service.....	1328
In store (new).....	2254
In store (old).....	197
In repair shop (old Sieman's).....	10
Private Meters in service.....	54
Total Meters in service.....	1382
New Meters set during year.....	50
Meters discontinued.....	22
Meters changed.....	159
Cause—Testing.....	0
Not registering.....	65
Broken Disc.....	4
Leak at body.....	4
Re-location.....	0
Frozen and burst.....	74
Replaced with smaller Meter.....	3
Cog-wheel broken.....	9
Meters tested.....	227
Repaired at shop.....	97

Repairs.	No.	Labour.	Material.	Total.
Dial broken.....	3	.25	.....	.25
Cast Iron bottom.....	64	6.70	22.85	29.55
Disc piston.....	4	1.55	3.40	4.95
Disc spindle.....	1	.25	.....	.25
Spindle change gear.....	.....	.....	.....	.....
Gear train broken.....	4	.75	.....	.75
Brass spindle.....	1	.50	.....	.50
Brass Cover.....	2	.75	.15	.90
Burst by frost.....	.....	.....	.....	.....
Strained by frost.....	4	2.00	.....	2.00
Disc piston warped.....	2	.25	.....	.25
Disc chamber strained.....	.....	.....	.....	.....
Gear train strained.....	1	.75	.....	.75
Worm wheel worn.....	1	.50	.....	.50
Hands broken.....	1	.12	.....	.12
Bolts stripped.....	9	.70	.....	.70
Total.....	97	15.07	26.40	41.47

Repaired in service..... 40

Repairs.	No.	Labour.	Material.	Total.
Glass broken.....	14	2.62	.70	3.32
Stuffing box leaking.....	19	2.00	.08	2.08
Coupling leaking.....	1	.25	.....	.25
Bottom leaking.....	2	.25	.....	.25
Defaced.....	1	.12	.....	.12
Hands broken.....	2	.35	.....	.35
Brass cap broken.....	1	.25	.....	.25
	40	5.84	.78	6.62

Removed during alterations to premises..... 5
 Removed on account of vacation of premises..... 6
 Removed premises destroyed by fire..... 1

Meters Owned by City April 30th, 1911.

	DIAMETER IN INCHES.										Total.
	6"	4"	"3	2"	1½"	1¼"	1"	¾"	½"	¼"	
Trident.....	0	0	0	34	17	0	24	132	2383	0	2590
Lambert.....	0	0	0	0	0	0	0	0	901	0	901
Siemens.....	11	17	42	9	5	10	28	32	0	129	283
Crown.....	0	0	0	0	0	0	1	2	1	0	4
Buffalo.....	0	0	0	0	0	0	0	0	2	0	2
Empire.....	0	0	0	0	0	0	0	0	0	1	1
Keystone.....	0	0	0	0	0	0	0	0	1	0	1
Hersey.....	0	0	0	0	0	0	0	0	0	1	1
Worthington.....	0	0	0	0	0	0	0	1	0	0	1
Nash.....	0	0	0	0	0	0	0	0	0	2	2
Disc.....	0	0	0	0	0	0	0	0	0	1	1
Standard.....	0	0	0	0	0	0	0	0	0	1	1
Niagara.....	0	0	0	0	0	0	0	0	0	1	1
Total.....	11	17	42	43	22	10	53	167	3288	136	3789

Meters in Store April 30th, 1911.

	DIAMETER IN INCHES.										Total.
	6"	4"	3"	2"	1"	1½"	1"	¾"	⅝"	½"	
Trident.....	0	0	0	4	4	0	5	66	1719	0	1798
Lambert.....	0	0	0	0	0	0	0	0	529	0	529
Siemens.....	2	6	19	4	1	6	15	3	0	67	123
Crown.....	0	0	0	0	0	0	1	0	1	0	2
Buffalo.....	0	0	0	0	0	0	0	0	2	0	2
Empire.....	0	0	0	0	0	0	0	0	0	1	1
Keystone.....	0	0	0	0	0	0	0	0	1	0	1
Hersey.....	0	0	0	0	0	0	0	0	0	1	1
Worthington.....	0	0	0	0	0	0	1	0	0	0	1
Nash.....	0	0	0	0	0	0	0	0	0	2	2
Disc.....	0	0	0	0	0	0	0	0	0	1	1
Standard.....	0	0	0	0	0	0	0	0	0	0	0
Niagara.....	0	0	0	0	0	0	0	0	0	0	0
Total.....	2	6	19	8	5	6	21	70	2252	72	2461

City Meters in Service April 30th, 1911.

	DIAMETER IN INCHES.										Total.
	6"	4"	3"	2"	1½"	1¼"	1"	¾"	⅝"	½"	
Trident.....	0	0	0	30	13	0	19	66	664	0	792
Lambert.....	0	0	0	0	0	0	0	0	372	0	372
Siemens.....	9	11	23	5	4	4	13	29	0	62	160
Crown.....	0	0	0	0	0	0	0	2	0	0	2
Standard.....	0	0	0	0	0	0	0	0	0	1	1
Niagara.....	0	0	0	0	0	0	0	0	0	1	1
Total.....	9	11	23	35	17	4	32	97	1036	64	1328

Meters Discontinued during Year.

STREET.	No.	Date.	Size.	Meter Make.	No.	Cause.
Barrington.....	11-13	May 2, 1910	8"	Trident.	87685	Premises removed.
Upper Water.....	20-22	May 2, 1910	8"	"	87593	Taken off by owner.
Lower Water.....	49	Sept. 12, 1910	"	"	453672	Premises removed.
Upper Water.....	94-98	Oct. 12, 1910	"	"	311424	"
Brenton.....	Stables.	Dec. 2, 1910	"	"	311415	Vacant.
Falkland.....	1	" 14, 1910	"	"	453682	"
Bedford Row.....	23	" 22, 1910	"	"	312710	"
Dockyard.....	Slip.	" 22, 1910	2	"	240295	"
Upper Water.....	68-70	Jan. 7, 1911	8"	"	87641	"
Queen.....	61	" 7, 1911	"	"	449567	"
Pleasant.....	37	" 9, 1911	"	Lambert.	355519	"
Victoria Road.....	61	" 16, 1911	"	Lambert.	355531	"
Hollis.....	140	" 16, 1911	"	Trident.	87689	"
Grafton.....	53	" 21, 1911	"	"	453611	"
Inglis.....	13	March 8, 1911	"	Lambert.	355498	Destroyed by fire.
Granville.....	144	" 8, 1911	"	Trident.	455001	Vacant.
Barrington.....	191	" 24, 1911	"	Lambert.	355592	"
Bedford Row.....	37	April 12, 1911	"	Trident.	87711	Military Meter installed.
Armouries.....		"	1	Siemens.	184076	"
".....		"	1	"	207710	"
".....		"	2	"	161313	"
".....		"	3	"	161321	"

Detailed Precipitation for the Year 1910.

CITY OF HALIFAX.												
Day.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
1	.....	.520	.200	.396	.380	.010	.....	.....	.....	.240	.....	.082
2	.142	.....	.250	.....	.....	.....	.....	.....	.....	.010	.....	.040
3	.020	.....	.....	.....	.020	.014	.....	.030	.....	.....	.....	.....
4	.060	.380	.....	.....	.488	.070	2.000	.100	.035	.....	.020	.....
5	.....	.430	.....	.....	.100	.....	.010	.330	.....	.....	1.788	T.
6	.790	.010	.....	.....	T.	.070	.....	.....	.690	.018	.020	.....
7	1.162	.220	.022	.010	.....	.786	.020	.....	.204	.044	.690	.640
8	.020	.010	.702	1.213	.....	.015	.108	.....	.010	.062	.028	T.
9	.020	.....	.....	.122	.158	.....	.....	.....	T.	.440	T.	.100
10	.680	.748	T.	.114	.330	.094	.....	.....	.010	.228	.028	.....
11	.260	T.	.....	.246	.046	.100	.....	.980	.....	.....	.320	.....
12	.....	1.162	.120	.198	.....	.104	.....	.708	.....	.....	.....	.....
13	.....	.020	1.370	.....	.032	.114	.....	.....	.....	.....	.....	.....
14	.....	T.	.640	.030	.....	.....	.....	.....	.070	.360	.460	.050
15	.380	T.	.....	.010	.....	.....	.....	.....	.338	.....	T.	.240
16	.....	.130	.120	.....	.....	.....	.628	.228	.....	.258	.010	.280
17	.....	.180	.020	.....	.....	.414	.050	.....	.912	.....	T.	.....
18	.480	.494	.320	.....	.....	1.468	.....	.....	.224	.....	.....	.....
19	1.275	T.	.....	.026	.288	.....	.....	.310	.....	.....	.010	1.300
20	.....	.....	.....	1.312	.....	.....	2.208	.....	1.014	.....	T.	.300
21	.....	.468	.338	1.404	.....	.148	.088	.....	.300	.240	.....	T.
22	.068	.010	.....	2.388	.....	.032	.....	.....	.140	.038	.....	.050
23	.434	.680	.....	.300	.....	.472	.074	.....	.....	2.376	.....	.....
24	.060	.....	.....	.012	.030	.010	.....	.....	.....	.080	.....	.....
25	1.238	.....	T.	.022	.020	.....	.....	.....	.....	.....	.....	.990
26	.840	.....	.038	.040	.....	.....	.....	T.	.....	2.570	.828	.....
27	.764	.030	T.	.146	.236	.....	.....	.....	.....	.214	.820	.026
28	.044	1.474	.080	.020	.....	.400	.....	.....	T.	.320	.040	.....
29	.390	.....	.030	.....	.040	.732	.....	.....	.....	.838	.....	.262
30	.040	.....	.....	.188	.102	.038	.....	.....	.....	.286	.140	.230
31	.310	.....	.....	.....	1.042	.....	.180	.....	.....	.....	.....	.....
Total.	9.147	6.966	4.250	8.202	3.312	5.091	5.366	2.686	3.947	8.622	5.202	4.590

Total for the year, 67.381 inches.

Detailed Precipitation for the Year 1910.

CHAIN LAKE.												
Day.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
1		.35	.38	.38	.55					.38		.06
2	.11	.60	.12							.02		.05
3	.11				.03							
4					.15	.07	2.26	.10	.05			
5		.95			.42		.03	.48			1.90	.02
6	.46				.02	.05			.65	.03	.29	
7	.90	.13	.04			.71			.24		.60	
8	.37		.67	.99		.01	.14		.03	.10	.03	.74
9				.19	.15					.36		
10		.73		.15	.35	.04				.37		
11				.32	.03	.16				.02		
12	.98	1.15				.13					.32	
13		.14	1.28	.22		.14		1.61				
14			.64							.34	.40	.04
15	.51								.33			.25
16		.15					.41	.27		.20		.60
17		.09	.35			.08	.21		.67			
18	.15	.66	.28			1.57			.62			
19	1.65			.03	.22	.02		.28				.82
20				1.11			1.06		.92		.04	.80
21		.40	.28	1.21			.83			.20		
22	.04	.15		2.53		.04			.46			.09
23	.50	.65		.66		.40	.11			2.65		
24					.06					.11		
25	1.23		.02	.04								.89
26	.78		.05	.05						1.90	.46	
27	2.43			.07						.45	.96	
28	.08	1.52	.10	.03		.45				.21	.07	.02
29	.23				.04					.50		.10
30	.15				.15	.06		.03		.64	.18	.22
31	.11				.97		.20					
Total.	10.79	7.67	4.21	7.98	3.14	3.93	5.25	2.90	4.00	8.48	5.25	4.71

Total for the year, 68.31 inches.

Detailed Precipitation for the Year 1910.

Day.	SPRUCE HILL LAKE.											
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
1		.67	.43	.40	.63	.05			.02			.10
2	.13	.31	.32							.34		.05
3								.05				
4		.20			.30	.10	2.15	.05	.08			
5		.85			.29		.05	.40			2.01	
6	.89	.12				.12			.35	.05	.20	
7	1.07		.05			.65			.28		.64	.67
8	.38		.62	.84			.12			.13		
9				.47	.15					.42		.04
10	.22	.80		.19	.50	.10				.53		
11	.50			.40	.05	.15		.43		.03	.38	
12		.94				.17		1.43			.10	
13		.84	1.32	.23	.10	.10						
14			.71							.40	.40	.03
15	.31	.03		.04					.33			.16
16	.08	.17	.20				.42	.32		.57		.41
17		.07	.18			.21	.17		1.11			
18	.04	.85	.25			1.30		.42	.40			
19	1.50				.40	.02						.83
20				1.39			1.45		.97			.80
21		.10	.62	1.17			.67			.26		
22	.05			2.39					.56			.05
23	.50	.55		.80		.21	.05			2.75		
24		.06								.30		
25	1.30			.05	.03							1.05
26	.93		.06					.02		2.08	.57	
27	.71			.17	.25		.03			.48	1.26	
28	.10	1.68		.04		.50				.32		
29	.28		.13		.02	.10				.26		.16
30	.14			.14	.16	.05					.34	.28
31	.10				.97		.21					.08
Total.	9.32	8.24	4.89	8.72	3.90	3.83	5.32	3.12	4.10	8.92	5.90	4.71

Total Precipitation for the Year 1910.

1910.	CITY OF HALIFAX.				CHAIN LAKE.				SPRUCE HILL LAKE.			
	Snow.	Melted Snow.	Rain.	Total.	Snow.	Melted Snow.	Rain.	Total.	Snow.	Melted Snow.	Rain.	Total.
January	12.2	1,220	7,927	9,147	23.75	1.71	9.08	10.79	18.75	1.25	8.07	9.32
February	26.8	2,680	4,286	6,966	29.50	3.21	4.46	7.67	33.50	3.70	4.52	8.24
March	8.6	.860	3,390	4,250	11.25	1.06	3.15	4.21	8.50	.77	4.12	4.89
April .....	.5	.050	8,152	8,202	.....	.....	7.98	7.98	.....	.....	8.72	8.72
May .....	.....	.....	3,312	3,312	.....	.....	3.14	3.14	.....	.....	3.90	3.90
June .....	.....	.....	5,091	5,091	.....	.....	3.93	3.93	.....	.....	3.83	3.83
July .....	.....	.....	5,366	5,366	.....	.....	5.25	5.25	.....	.....	5.32	5.32
August .....	.....	.....	2,686	2,686	.....	.....	2.90	2.90	.....	.....	3.12	3.12
September .....	.....	.....	3,947	3,947	.....	.....	4.00	4.00	.....	.....	4.10	4.10
October .....	.....	.....	8,622	8,622	.....	.....	8.48	8.48	.....	.....	8.92	8.92
November	1.6	.160	5,042	5,202	1.50	.32	4.93	5.25	.....	.....	5.90	5.90
December	12.9	1,290	3,300	4,590	14.50	1.71	3.06	4.71	9.75	1.65	3.06	4.71
Total	62.6	6,260	61,121	67,381	80.50	8.01	60.30	68.31	70.50	7.27	63.60	70.97

Meteorological Notes, Halifax, N. S.

OBSERVATION STATION 88 FT. ABOVE SEA LEVEL, LAT. 44° 39' N., LONG. 63° 36' W.

	PRESSURE.				TEMPERATURE.						NO. OF HOURS WIND BLEW FROM						PRECIPITATION.					No. of fogs.	No. of thunder-storms.	No. of auroras.	No. of fair days.	Days with .01 or more.						
	Mean reduced.	Highest.	Lowest.	Range.	Mean Reduced.	Difference from Average.	Years Observations.	Highest.	Lowest.	Mean Daily Average.	North.	North East.	East.	South East.	South.	South West.	West.	North West.	Average.	Difference from Average.	Heaviest fall in month.											
Jan	30.07	30.68	29.31	1.37	28.2	+4.1	35	50.6	-1.4	15.1	99	140	81	63	42	60	117	132	10	9.15	+3.72	1.28	22	8	0	0	3	0	0	0	0	
Feb	30.02	30.78	29.35	1.43	25.7	+1.8	35	44.8	-2.8	16.6	88	147	61	36	13	23	118	185	1	6.96	+2.35	1.47	17	11	0	0	0	0	0	0	0	
March	30.06	30.60	29.45	1.15	33.8	+2.3	36	58.7	10.4	13.9	80	130	52	60	57	59	187	114	5	4.25	-1.09	1.37	14	17	1	0	2	0	0	0	0	
April	30.01	30.49	29.60	0.88	42.4	+2.3	36	67.8	23.6	14.8	123	78	135	165	102	80	96	4	8.20	+3.69	2.39	20	10	1	1	0	6	0	0	0	0	
May	29.97	30.35	29.41	0.94	49.9	-0.6	36	70.2	30.7	17.2	69	91	68	93	118	84	157	63	1	3.31	+0.35	1.04	15	16	0	0	6	0	0	0	0	
June	29.91	30.33	29.52	0.81	56.7	-0.9	35	81.8	36.2	17.7	100	102	43	115	92	144	80	2	5.09	+1.17	1.47	19	11	6	1	0	0	0	0	0	0	
July	29.88	30.19	29.55	0.64	66.4	+1.8	36	86.3	47.8	19.6	80	68	50	18	51	112	256	106	3	5.37	+1.57	2.21	10	22	0	0	0	0	0	0	0	
August	30.07	30.38	29.60	0.78	61.2	-0.4	36	81.2	39.2	20.3	48	73	29	9	66	106	233	178	2	2.69	-1.67	.98	7	24	0	0	0	0	0	0	0	0
Sept	30.08	30.38	29.66	0.72	58.56	-0.4	36	77.4	36.0	17.7	94	151	92	59	74	88	91	67	4	3.95	+0.25	1.31	12	19	0	0	0	0	0	0	0	0
Oct	29.89	30.52	29.15	1.37	48.4	-0.2	36	71.5	27.9	15.3	64	154	38	34	24	88	149	191	2	8.62	+3.05	2.57	18	13	0	0	1	0	0	0	0	0
Nov	29.68	30.41	29.18	1.23	39.8	-0.1	36	57.3	22.3	11.3	76	174	83	61	36	46	71	170	3	5.21	-0.67	1.79	14	16	0	0	1	0	0	0	0	0
Dec	29.90	30.64	29.18	1.45	27.1	-2.2	36	48.9	2.7	14.1	55	156	23	23	26	89	95	264	13	4.59	1.30	14	17	0	1	0	0	0	0	0	0

1910.

Compiled from the monthly weather review published by the M. & F. Department.

PRECIPITATION AT HALIFAX, N. S.

Table showing the monthly and annual depth of rain and melted snow, expressed in inches; also the amount that has fallen from January 1st to the end of each month, inclusive, during each year.

YEAR.	January.	February.	January to Feb. Inclusive.	March.	January to Mar. Inclusive.	April.	January to April Inclusive.	May.	January to May Inclusive.	June.	January to June Inclusive.
1869..	4.530	4.380	8.910	7.950	16.860	2.570	19.430	5.570	25.000	3.920	28.920
1870..	6.670	9.780	16.450	3.080	19.530	3.860	23.390	3.190	26.578	1.690	28.270
1871..	3.730	5.880	9.610	6.160	15.770	4.880	20.650	2.590	23.240	2.960	26.200
1872..	3.880	4.490	8.370	5.370	13.740	2.850	16.590	4.440	21.030	4.230	25.260
1873..	7.830	1.610	9.440	4.090	12.530	2.860	16.390	2.340	18.730	2.950	21.690
1874..	5.420	5.310	10.730	3.980	14.710	4.550	19.260	4.770	24.030	7.920	31.950
1875..	3.481	5.877	9.378	2.113	11.491	3.378	14.869	3.977	18.846	6.067	22.913
1876..	3.451	6.456	9.907	6.334	16.241	3.125	19.366	4.664	24.030	3.384	27.414
1877..	4.200	1.809	6.009	8.666	14.675	3.801	18.476	4.024	22.500	3.841	26.341
1878..	7.522	2.697	10.219	10.254	20.503	3.502	24.005	5.759	29.764	4.477	34.241
1879..	4.400	3.001	7.401	6.202	13.633	3.481	17.084	4.687	21.771	1.191	22.962
1880..	7.733	5.122	12.855	3.365	16.220	4.797	21.717	4.088	25.105	1.343	26.443
1881..	3.607	5.329	8.936	6.556	15.492	3.498	18.990	2.460	21.450	5.308	26.758
1882..	6.840	5.949	12.789	7.068	19.857	4.824	24.681	4.677	29.358	5.507	34.865
1883..	4.930	3.860	8.790	4.941	13.731	3.703	17.434	8.613	26.047	3.322	29.369
1884..	4.406	6.161	10.567	7.034	17.601	7.113	24.814	3.629	28.443	3.773	32.216
1885..	6.388	5.090	11.478	3.889	15.367	3.520	18.887	3.282	22.169	2.749	24.918
1886..	8.670	3.842	12.512	4.027	16.539	0.823	17.362	8.819	26.181	2.708	28.889
1887..	7.706	6.735	14.441	4.449	18.890	6.396	25.286	2.126	27.412	2.121	29.533
1888..	5.442	6.284	11.726	4.310	16.036	3.675	19.711	2.877	22.588	4.939	27.527
1889..	4.391	6.181	10.572	2.046	12.618	7.403	20.021	3.871	23.892	3.755	27.647
1890..	3.963	4.645	8.608	9.889	18.497	2.958	21.456	3.970	25.825	3.440	28.865
1891..	8.383	8.740	17.123	2.685	19.808	4.010	23.818	4.195	28.413	4.131	32.144
1892..	6.321	2.605	8.926	5.966	14.912	2.653	17.565	5.459	23.024	3.638	26.662
1893..	4.781	5.979	10.760	2.303	13.063	4.209	17.272	5.054	22.326	1.753	24.079
1894..	7.122	3.571	10.693	3.623	14.316	5.648	19.964	1.769	21.733	3.803	25.536
1895..	10.131	4.605	14.736	5.931	20.667	3.956	24.623	4.089	28.712	1.827	30.539
1896..	1.720	4.199	5.919	8.786	14.705	1.413	16.118	2.532	13.650	4.671	23.321
1897..	5.896	2.893	8.794	5.470	14.264	6.211	20.475	4.613	25.088	6.070	31.158
1898..	4.060	4.422	8.482	4.068	12.550	7.346	19.896	2.366	22.262	5.598	27.860
1899..	5.083	3.613	8.696	7.178	15.874	3.278	19.152	3.677	22.829	3.875	26.704
1900..	8.532	5.277	13.809	6.577	20.386	3.949	24.335	4.254	28.589	2.656	31.245
1901..	6.943	0.966	7.909	4.102	11.111	6.318	17.429	5.566	22.985	6.959	29.944
1902..	3.289	2.735	6.024	7.757	13.781	3.067	16.848	3.725	20.573	4.908	25.471
1903..	5.082	3.712	8.794	7.294	16.088	5.515	21.603	0.676	22.279	3.493	25.772
1904..	6.318	5.328	11.646	5.590	17.236	5.912	23.148	3.315	26.463	2.668	29.131
1905..	8.290	5.326	13.616	2.804	16.420	1.260	17.680	3.217	20.897	4.970	25.867
1906..	4.624	5.238	9.862	7.142	16.974	8.381	25.355	6.208	31.563	1.704	33.267
1907..	6.186	4.481	10.667	3.364	14.031	3.218	17.249	3.344	20.503	3.723	24.216
1908..	6.173	6.112	12.284	3.129	15.413	6.373	21.786	6.248	28.034	4.320	32.354
1909..	5.174	4.815	9.989	5.056	15.045	3.987	19.032	6.329	25.361	1.066	26.427
1910..	9.147	6.966	16.113	4.250	20.363	8.202	28.565	9.312	31.877	5.091	36.968
Totals	241.544	245.838	.....	224.898	.....	182.503	.....	174.461	.....	156.529	.....
Means	5.751	5.853	.....	5.355	.....	4.345	.....	4.154	.....	3.726	.....

PRECIPITATION AT HALIFAX, N. S.

Table showing the monthly and annual depth of rain and melted snow, expressed in inches; also the amount that has fallen from January 1st to the end of the month, inclusive, during each year.

YEAR.	July.	January to July inclusive.	August.	January to Aug. inclusive.	September.	January to Sept. inclusive.	October.	January to Oct. inclusive.	November.	January to Nov. inclusive.	December.	Total for the year.
1869..	2.920	31.840	2.580	34.420	1.570	35.990	7.300	43.290	5.470	48.760	5.770	54.530
1870..	3.210	31.480	2.200	33'680	3.330	37.010	6.830	43.840	6.440	50.280	5.880	56.160
1871..	3.380	29.580	3.690	33'270	4.810	38.080	4.490	42.570	4.180	46.750	4.360	51.140
1872..	2.880	28.140	6.820	34'960	1.410	36.370	4.880	41.250	6.650	47.900	6.160	54.060
1873..	3.900	25.590	4.450	30'040	4.480	34.520	8.630	43.150	7.930	51.130	4.310	55.440
1874..	2.290	34.240	3.370	37'610	5.040	42.650	2.460	45.110	3.580	48.690	5.490	54.180
1875..	5.612	28.525	3.555	32'080	2.060	34.140	9.976	44.116	5.544	49.660	1.614	51.274
1876..	3.914	31.328	1.909	33'237	6.094	39.331	4.068	43.397	7.397	50.796	3.176	53.972
1877..	4.468	30.809	3.539	34'348	3.164	37.512	6.257	44.369	8.678	53.047	4.493	57.540
1878..	1.483	35.724	3.127	38'851	0.800	39.651	5.061	44.712	6.989	51.621	5.119	56.740
1879..	3.843	26.805	4.827	31'632	2.596	34.223	4.755	38.983	4.823	43.806	4.029	47.835
1880..	3.086	29.534	3.920	33'454	5.712	39.166	4.590	43.756	4.704	48.460	4.393	52.853
1881..	3.177	29.935	3.062	32'990	3.105	36.095	4.206	40.301	4.420	44.721	7.034	51.755
1882..	5.071	39.936	3.925	43'861	5.914	29.775	7.403	57.178	1.392	58.570	3.452	62.022
1883..	3.540	32.909	5.342	38'251	3.864	42.115	5.841	44.956	3.478	51.434	6.678	58.112
1884..	8.294	40.510	2.771	43'281	1.788	45.069	3.092	48.162	5.992	54.154	9.124	63.078
1885..	5.817	30.735	3.001	33'736	2.497	36.233	6.250	42.513	5.284	47.936	8.699	50.629
1886..	6.525	35.414	4.526	39.940	4.459	44.399	2.136	46.534	5.284	51.818	5.469	57.287
1887..	2.045	31.578	8.351	39.929	3.308	43.237	3.058	46.295	6.718	53.013	4.120	57.133
1888..	5.001	32.628	7.000	39.628	5.331	44.859	6.359	51.718	6.802	58.520	7.774	66.294
1889..	2.668	30.815	2.633	32.948	1.899	34.347	4.179	38.526	7.145	45.671	2.988	48.659
1890..	2.141	31.006	7.042	38.048	4.634	42.582	6.603	49.185	3.716	52.901	7.202	60.105
1891..	4.008	36.147	3.385	39.532	3.052	42.584	9.621	52.205	2.388	54.593	4.076	58.669
1892..	2.710	29.372	6.809	36.181	1.744	37.925	3.472	41.397	9.240	50.637	3.053	53.690
1893..	4.757	28.836	5.954	34.790	4.391	39.181	5.640	44.821	3.760	48.581	10.167	58.748
1894..	1.059	26.595	3.892	30.588	1.010	31.598	3.863	35.461	5.785	41.246	4.562	45.808
1895..	3.924	34.463	5.502	39.965	2.491	42.456	5.627	48.083	8.923	56.306	5.846	62.152
1896..	8.729	32.050	3.037	35.087	12.092	47.179	15.039	62.218	4.396	66.614	3.248	69.662
1897..	3.661	34.819	5.185	40.004	1.169	41.173	0.346	41.919	6.051	47.970	2.552	51.522
1898..	2.652	31.512	5.651	37.163	4.153	41.321	4.845	40.166	10.248	56.414	4.066	60.480
1899..	5.747	32.451	1.542	33.993	3.201	37.194	6.191	42.385	4.590	47.975	5.038	53.013
1900..	1.872	33.117	3.928	37.110	5.043	42.153	7.365	49.518	6.858	56.376	3.321	59.697
1901..	1.585	31.529	3.656	35.185	6.872	42.057	4.202	46.963	2.560	49.523	8.573	58.096
1902..	1.651	27.152	4.767	31.899	4.657	36.556	4.956	40.808	3.813	44.621	7.295	51.916
1903..	4.318	30.085	4.247	34.332	4.237	38.569	6.368	44.937	9.598	54.535	4.690	59.125
1904..	2.323	31.454	6.511	37.965	4.502	42.467	5.031	47.498	5.107	52.605	4.589	57.194
1905..	1.927	27.794	2.733	30.527	2.758	33.280	1.539	34.819	6.348	41.167	6.268	47.435
1906..	6.125	39.392	1.509	40.901	3.374	44.275	3.986	48.261	5.920	54.181	9.958	94.139
1907..	3.381	27.697	4.865	32.562	4.280	36.822	5.340	42.162	6.039	48.201	6.715	54.916
1908..	6.700	38.054	10.658	48.712	1.413	50.125	3.704	53.829	3.272	53.101	7.769	64.870
1909..	3.644	30.071	3.388	33.459	6.938	39.397	7.165	46.562	4.995	51.560	2.762	54.322
910..	5.366	42.331	2.686	45.020	3.947	48.967	8.622	57.589	5.202	62.791	4.590	67.381
Totals	161.494	181.711	157.569	187.569	232.876	232.876	5.544	237.021	5.643	237.021	224.666	2380.033
Means	3.845	4.326	3.751	4.326	5.544	5.544	5.544	5.643	5.643	5.643	5.349	56.667

Highest and Lowest Points Reached at Long Lake and Spruce Hill Lake, 1910.

LONG LAKE.				Precipitation in City of Halifax.	SPRUCE HILL LAKE.			
1910.	Lowest point reached during month.	Highest point reached during month.	Precipitation at Chain Lake.		1910.	Lowest point reached during month.	Highest point reached during month.	Precipitation at Spruce Hill Lake.
Jan. 2	205.99				Jan. 5	361.76		
27		207.51			30		363.84	
Feb. 9	206.65				Feb. 9	363.82		
14		207.15			28		364.30	
Mar. 1		207.49			Mar. 1		364.46	
31	206.57				31	363.88		
April 7	206.45				April 7	363.71		
22		207.99			23		364.69	
May 1		206.83			May 1		364.18	
31	205.91				30	363.42		
June 17	205.81				June 1		363.52	
25		206.24			30	363.20		
July 7		206.32			July 6		363.44	
20	205.66				31	363.05		
Aug. 1		205.62			Aug. 1		362.97	
31	204.29				31	362.24		
Sept. 1		204.13			Sept. 1		362.20	
30	203.24				30	361.64		
Oct. 22	202.15				Oct. 23	361.09		
31		205.57			31		362.66	
Nov. 1	205.66				Nov. 4	362.59		
30		206.91			30		363.38	
Dec. 19	206.24				Dec. 19	363.03		
21		207.15			31		363.61	

Level of top of lower tier of stop-logs at Spruce Hill Lake is taken at 363.34 above M. L. T.

Level of granite waste weir at Long Lake is taken at 205.99 above M. L. T.

DETAILED COST OF SEWERS CONSTRUCTED DURING 1910.

SHEET.	LOCATION.	CONCRETE.	MANHOLES.				CROCK PIPE.			DYNAMITE.	ELECTRIC FUSE.	SAND.	GRAVEL.	BRICK.	CEMENT.			STONE.		OIL.			PAPER.	COAL.	BRUSH.		Lumber and Tools.	Material.	Labour.	Truckage.	Total.		
			Tops.	Covers.	Steps.	Straight.	Slants.	Bags at 40c.	Barrels at \$2.40.						Bags at 42c.	Bushels at .07c.	Bushels at .07 1/2c.	Kerosene at 18 1/2c. gal.	Kerosene at 19 1/2c. gal.	Machine at 90c. gal.	No. of Bundles at 15c.	Cost.			No. of Bundles at 15c.	Cost.						Tons at \$5.20.	Cost.	No. of Bundles at 15c.	Cost.
1	From To	Lineal ft. of 20" x 30" at 86c. ft. No top. Lineal ft. of 14" x 21" at 87c. per ft. Lineal ft. of 12" x 18" at 69c. per ft.	No. at \$4.75 each. No. at \$6.45 each.	No. at \$2.80 each. No. at \$2.27 each. No. at \$2.98 each.	No. at 13c. each.	Lineal ft. of 12" at 25c. per ft. Lineal ft. of 6" at 17c. per ft.	6" Slants at 16c. each. 9" Slants at 58c. each.	Lbs. at 18c.	Cost.	No. at .02 1/2c.	Cost. †	Bushels at .04 1/2c.	Cost.	Bushels at .05c.	Cost.	No. at \$9.00 per M.	Cost.	Bags at 40c. Barrels at \$2.40. Bags at 42c.	Cost.	Bushels at .07c. Bushels at .07 1/2c.	Cost.	Kerosene at 18 1/2c. gal. Kerosene at 19 1/2c. gal. Machine at 90c. gal.	Cost.	Lbs. at .03 1/2c.	Cost.	Bushels at 60c. Tons at \$5.20.	Cost.	No. of Bundles at 15c. Cost.	Lumber and Tools.	Material.	Labour.	Truckage.	Total.
2	From To	Lineal ft. of 20" x 30" at 86c. ft. No top. Lineal ft. of 14" x 21" at 87c. per ft. Lineal ft. of 12" x 18" at 69c. per ft.	No. at \$4.75 each. No. at \$6.45 each.	No. at \$2.80 each. No. at \$2.27 each. No. at \$2.98 each.	No. at 13c. each.	Lineal ft. of 12" at 25c. per ft. Lineal ft. of 6" at 17c. per ft.	6" Slants at 16c. each. 9" Slants at 58c. each.	Lbs. at 18c.	Cost.	No. at .02 1/2c.	Cost. †	Bushels at .04 1/2c.	Cost.	Bushels at .05c.	Cost.	No. at \$9.00 per M.	Cost.	Bags at 40c. Barrels at \$2.40. Bags at 42c.	Cost.	Bushels at .07c. Bushels at .07 1/2c.	Cost.	Kerosene at 18 1/2c. gal. Kerosene at 19 1/2c. gal. Machine at 90c. gal.	Cost.	Lbs. at .03 1/2c.	Cost.	Bushels at 60c. Tons at \$5.20.	Cost.	No. of Bundles at 15c. Cost.	Lumber and Tools.	Material.	Labour.	Truckage.	Total.
3	From To	Lineal ft. of 20" x 30" at 86c. ft. No top. Lineal ft. of 14" x 21" at 87c. per ft. Lineal ft. of 12" x 18" at 69c. per ft.	No. at \$4.75 each. No. at \$6.45 each.	No. at \$2.80 each. No. at \$2.27 each. No. at \$2.98 each.	No. at 13c. each.	Lineal ft. of 12" at 25c. per ft. Lineal ft. of 6" at 17c. per ft.	6" Slants at 16c. each. 9" Slants at 58c. each.	Lbs. at 18c.	Cost.	No. at .02 1/2c.	Cost. †	Bushels at .04 1/2c.	Cost.	Bushels at .05c.	Cost.	No. at \$9.00 per M.	Cost.	Bags at 40c. Barrels at \$2.40. Bags at 42c.	Cost.	Bushels at .07c. Bushels at .07 1/2c.	Cost.	Kerosene at 18 1/2c. gal. Kerosene at 19 1/2c. gal. Machine at 90c. gal.	Cost.	Lbs. at .03 1/2c.	Cost.	Bushels at 60c. Tons at \$5.20.	Cost.	No. of Bundles at 15c. Cost.	Lumber and Tools.	Material.	Labour.	Truckage.	Total.
4	From To	Lineal ft. of 20" x 30" at 86c. ft. No top. Lineal ft. of 14" x 21" at 87c. per ft. Lineal ft. of 12" x 18" at 69c. per ft.	No. at \$4.75 each. No. at \$6.45 each.	No. at \$2.80 each. No. at \$2.27 each. No. at \$2.98 each.	No. at 13c. each.	Lineal ft. of 12" at 25c. per ft. Lineal ft. of 6" at 17c. per ft.	6" Slants at 16c. each. 9" Slants at 58c. each.	Lbs. at 18c.	Cost.	No. at .02 1/2c.	Cost. †	Bushels at .04 1/2c.	Cost.	Bushels at .05c.	Cost.	No. at \$9.00 per M.	Cost.	Bags at 40c. Barrels at \$2.40. Bags at 42c.	Cost.	Bushels at .07c. Bushels at .07 1/2c.	Cost.	Kerosene at 18 1/2c. gal. Kerosene at 19 1/2c. gal. Machine at 90c. gal.	Cost.	Lbs. at .03 1/2c.	Cost.	Bushels at 60c. Tons at \$5.20.	Cost.	No. of Bundles at 15c. Cost.	Lumber and Tools.	Material.	Labour.	Truckage.	Total.
5	From To	Lineal ft. of 20" x 30" at 86c. ft. No top. Lineal ft. of 14" x 21" at 87c. per ft. Lineal ft. of 12" x 18" at 69c. per ft.	No. at \$4.75 each. No. at \$6.45 each.	No. at \$2.80 each. No. at \$2.27 each. No. at \$2.98 each.	No. at 13c. each.	Lineal ft. of 12" at 25c. per ft. Lineal ft. of 6" at 17c. per ft.	6" Slants at 16c. each. 9" Slants at 58c. each.	Lbs. at 18c.	Cost.	No. at .02 1/2c.	Cost. †	Bushels at .04 1/2c.	Cost.	Bushels at .05c.	Cost.	No. at \$9.00 per M.	Cost.	Bags at 40c. Barrels at \$2.40. Bags at 42c.	Cost.	Bushels at .07c. Bushels at .07 1/2c.	Cost.	Kerosene at 18 1/2c. gal. Kerosene at 19 1/2c. gal. Machine at 90c. gal.	Cost.	Lbs. at .03 1/2c.	Cost.	Bushels at 60c. Tons at \$5.20.	Cost.	No. of Bundles at 15c. Cost.	Lumber and Tools.	Material.	Labour.	Truckage.	Total.
6	From To	Lineal ft. of 20" x 30" at 86c. ft. No top. Lineal ft. of 14" x 21" at 87c. per ft. Lineal ft. of 12" x 18" at 69c. per ft.	No. at \$4.75 each. No. at \$6.45 each.	No. at \$2.80 each. No. at \$2.27 each. No. at \$2.98 each.	No. at 13c. each.	Lineal ft. of 12" at 25c. per ft. Lineal ft. of 6" at 17c. per ft.	6" Slants at 16c. each. 9" Slants at 58c. each.	Lbs. at 18c.	Cost.	No. at .02 1/2c.	Cost. †	Bushels at .04 1/2c.	Cost.	Bushels at .05c.	Cost.	No. at \$9.00 per M.	Cost.	Bags at 40c. Barrels at \$2.40. Bags at 42c.	Cost.	Bushels at .07c. Bushels at .07 1/2c.	Cost.	Kerosene at 18 1/2c. gal. Kerosene at 19 1/2c. gal. Machine at 90c. gal.	Cost.	Lbs. at .03 1/2c.	Cost.	Bushels at 60c. Tons at \$5.20.	Cost.	No. of Bundles at 15c. Cost.	Lumber and Tools.	Material.	Labour.	Truckage.	Total.

Cost of Union Street Sewer included in Harvard Street.

380	Duke	380	2	2	2	6	7	14	395	\$71 10	900	\$22 50	72	\$3 24	4200	\$37 80	34	2	\$13 60	13	7	6 1/2	\$8 29	7	36 40	155	\$23 25	\$55 00	\$622 30	\$3088 92	\$116 04	\$2827 26
350	Prince	350	2	2	2	6	7	14	80	14 40	200	5 00	36	1 62	1500	13 50	13	2	10 00	13	7	2 21	2	10 40	150	22 50	24 00	331 84	824 11	64 40	1220 35	
883	St. Albans	883	3	3	3	9	11	17	191	70	1400	97 50	87	3 92	8600	77 40	48	1	19 20	26 1/2	4	13 08	11	59 00	240	36 00	105 00	1250 53	3508 07	188 56	5366 16	
961	Yukon	961	5	5	5	15	18	27	515	92 70	850	21 25	195	8 78	1120	10 08	35	44	37 30	4	75	5 25	3	3 00	140	21 00	18 00	343 14	643 20	35 52	1169 90	
267 33	Cedar	267 33	3	3	3	9	11	17	30	5 40	100	2 50	63	2 84	3000	27 00	35	44	14 00	4	78	2 25	4	1 80	50	75 00	50 00	526 88	1791 24	65 32	2416 67	
160 40	Longard	160 40	4	4	4	12	15	23	215	37 70	300	7 50	60	2 70	4150	37 35	52	44	20 80	12	4	2 01	4	7 80	93	13 96	34 00	419 27	1477 55	78 40	1714 98	
240 99	Macara	240 99	4	4	4	12	15	23	5	90	50	1 25	63	2 70	4800	43 20	23	44	18 48	19	4	1 88	4	5 40	93	13 96	34 00	419 27	1217 31	78 40	1714 98	
550 20	Southwardly	550 20	6	6	6	18	22	33	285	91 80	750	18 25	60	2 70	2500	22 50	99	44	9 20	10	25	4 69	9	5 40	150	22 50	85 00	913 49	3280 63	135 24	4329 36	
917	Harvard To E. end of street	917	6	6	6	18	22	33	510	91 80	750	18 25	60	2 70	4628	41 65	99	44	39 60	25	9	4 69	9	5 40	150	22 50	85 00	913 49	3280 63	135 24	4329 36	

SEWERS CONSTRUCTED DURING 1910.

STREET.	LOCATION.			CONCRETE.				Manholes.	Drain Connections.	AVERAGE DEPTH.		Labour and Truckage.	COST.			COST PER FOOT.			Sewerage Rates at \$1.25 per lineal foot frontage.	FOREMAN.
	FROM	TO		20" x 30".	14" x 21".	12" x 18".	Total Length.			To Invert.	Of Earth.		Labour and Truckage.	Material.	Total.	Labour and Truckage.	Material.	Total.		
Argyle	Buckingham	Duke	380	380	380	380	2	14	10-0	4-0	\$2204 96	\$622 30	\$2827 26	\$5 80	\$1 64	\$7 44	\$707 50	Wm. Gilroy.		
Argyle	George	Prince	380	380	350	380	2	20	10-25	4-0	888 51	331 84	1220 35	2 52	95	3 47	600 05	Wm. Gilroy.		
Clifton	North	St. Alban's	883	883	359	883	3	7	10-0	3-0	4074 63	1291 53	5366 16	4 61	1 46	6 07	2016 25	Wm. Gilroy.		
Harvard	Yale	Yukon	359	359	267 33	359	2	10	8-0	3-0	3724 76	1260 53	4975 29	3 87	1 30	5 17	760 00	C. MacGillivray.		
Henry	Jubilee Boad	Cedar	267 33	267 33	405 25	267 33	3	7	9-0	3-0	679 04	253 66	932 70	2 54	94	3 48	626 26	C. MacGillivray.		
Livingstone	Agrioola	Longard	405 25	405 25	550	405 25	3	10	9-0	9-0	826 76	343 14	1169 90	2 04	84	2 88	906 25	C. MacGillivray.		
Longard	West Young	Macara	550	550	707	550	4	5	9-5	6-0	1894 79	526 88	2411 67	3 44	94	4 38	1290 00	C. MacGillivray.		
Walker	West Young	Livingston	707	707	277	707	4	3	9-0	6-0	1678 89	1091 17	2770 06	2 37	1 54	3 91	800 75	Wm. Gilroy.		
Yale	Almon	Southwardly	277	277	917	277	2	3	9-0	0-0	1295 71	419 27	1714 98	4 68	1 52	6 20	611 03	Wm. Gilroy.		
Yale	Quinpool Road	Harvard	917	917	603	917	6	13	10-0	2-0	3415 87	913 49	4329 36	3 72	1 00	4 72	458 75	C. MacGillivray.		
Yukon	Lane	Harvard	603	603	587 58	603	3	17	10-0	2-0	Included in	Harvard Street.	4329 36	3 72	1 00	4 72	1575 62	C. MacGillivray.		
			707	2501	2489 58	587 58	34	91			\$20683 92	\$7033 81	\$27717 73	\$3 63	\$1 23	\$4 86	\$12707 46	C. MacGillivray.		

Catchpits Built 1910.

LOCATION.			Dia. of Drain, Inches.	Remarks.
Side or Corner	Street.	At		
S. W	Argyle	Prince	12"	
S. W	"	George	12"	
N. W	Coburg Road	Robie	12"	
S. W	Compton Ave	"	12"	
N. W	"	"	12"	
S. W	Duke	Argyle	12"	
N. W	"	"	12"	
N	Fenwick	Opp. Lucknow	12"	
N	"	Bet. Queen and Lucknow	12"	
S. W	George	Argyle	12"	
S. W	Gerrish	Gerrish Lane	12"	
E	Gottingen	N. Gate Deaf and Dumb Inst.	12"	
E	"	N. of Uniacke St.	12"	
S. W	Granville	Sackville	12"	
S. W	Linden	Louisburg	12"	
N. W	"	"	12"	
N. W	Louisburg	Linden	12"	
S. E	Lucknow	Ferwick	12"	
N	North	Entrance I. R. C. Station	12"	
S. E	"	Dublin	12"	
S. W	"	"	12"	
N. E	Park	Inglis	12"	
S	Quinpool Road	West of Robie	12"	
S	"	East of Louisburg	12"	
S. W	Robie	N. roadway Coburg Road	12"	
N. W	Sackville	Argyle	12"	
S. W	South	Park	12"	
N. W	Victoria Road	"	12"	
S. W	Williams	Robie	12"	
N. W	"	"	12"	
N. E	Windsor	North	12"	
N. W	"	"	12"	

Cost of Broken Stone at Stone Shed.

	Quantity.	Rate.	Total Cost.	Cost per bushel.
Repairs and Maintenance			\$ 12.09	.0004
Foreman			1114.70	.0427
Cost of Stone	26072 bushels.	.02	521.44	.0200
" Breaking	" "	.04	1042.88	.0400

CONTRACTS, 1910-11.

DESCRIPTION.	CONTRACTOR.	Quantity.	Rate.	Amount.	REMARKS.
Asphalt.....	Wm. McFatrige.....	23298 lbs.	\$1.40 per 100.	\$466.17	
Bags—for street refuse	Mitchell & Shaffer	84	65c. each.	138 60	
Bath—Removing seaweed.....	Beazley Bros		40½ per 100 lbs.	35.00	
Cement—Vulcan.....	Brookfield Bros., Ltd		39¾		
City Clocks—Maintenance.....	F. C. Ryan		148.00	148 00	1 year.
Coal—City Hall, hard.....	S. Cunard & Co.....		6.95		Ton, 2240 lbs.
“ “ Reserve	“		4.85		
“ “ Steam Roller, Acadia lump.....	“		4.30		
“ “ Crusher, Acadia nut	“		4.30		
“ “ Drill, Acadia lump	“		5.20		
“ “ Stables, Reserve	“		4.85		
“ “ Albion slack	“		4.75		
“ “ Stockyard, hard	“		7.25		
Corporation Stopcocks—½”	Guildford & Sons	196	.52	101.92	
“ “ ¾” .....	“ .....		.65		
Drain pipe, straight—6”	Eastern Portland Cement Co	1395'	.11		
“ “ 9”	“	1390'	.18		
“ “ 12”	“	1000'	.23		
“ “ 15”	“	1495'	.40		
“ “ slant	“	480'	.16		
Explosives—Blastine	G. B. Oland & Son		20c. per lb		
“ “ Detonators.....	“ .....		.75c. box.		
“ “ Electric Fuse .....	“ .....		.03c. each.		
Feed—Hay.....	F. A. Shaw		\$11.00 per ton.		
“ “ Straw.....	“		7.00		
“ “ Bran	“		21.06		
“ “ Oats.....	F. W. Fraser		45c. bush.		
“ “ Cracked Feed	“		29.00 per ton.		
Granite—Straight Curb.....	Andrew W. Yeadon		74c. per lin. ft.		
“ “ Corner	“		76c. “		
“ “ Straight Gutter.....	“		48c. “		
				1314.95	

			67c. per lin. ft.			
Granite—Corner Gutter.....	Andrew H. Yeadox.		\$5.00 each.			
" Straight c. p. Stones	"		6.00 "			
" Corner c. p. Stones	"		6.75 "			
" Round M. H. Tops	"		6.45 "			
" Square	"		6.25 "			
" Coal hole Tops	"		75c per lin. ft.			
" Hatch Carb.	"		\$2.16 per sq. yd.			
" Paving Setts	"		2.45 each.			
" 2' round corner curb & gutter	"		Schedule rate			
Hardware	Wm. Robertson & Son		75c. per \$100			
Insurance	N. S. Board of F. U.	91,000	Schedule rates.			\$ 12.00
Lumber	Brookfield Bros.		\$12.00			1 year.
Manure, Removal of	Jas. P. Murray		\$7.00 each.			44.00
Roofing, 88 Albemarle St	J. Bert McDonald		\$11.25 per ton			77.00
Rubbish Receptacles	Hillis & Sons, Ltd.	11	Schedule.			1089.37
Scrap Iron	John Simon .....		.04 per bush.			
Special Castings	Hilli & Sons, Ltd. ....		.034 per bush.			
Stone, Broken	Poors Association.....		.034 per bush.			
" for breaking, Crusher	Samuel Walker .....		.02 per bush.			
" " " Sheds.....	Albert Cross .....		.75 each.			
Street Signs	Newton Harvey	88	13 per gal.			65.00
Tar	H. B. Clarke & Son		\$3.85 per day.			
Teams for Sprinklers	Carritte-Patterson (o .....		.75 per ton.			
Trackage, Water Pipes	Alfred Drysdale		\$29.20 each.			58.40
Valves—9"	Robinson Bros	2	17.53 "			876.50
" 6"	H. A. Drury & Co	50	10.23 "			30.69
" 3"	" "	3	\$2.00 per horse.			
Veterinary Services.....	Howard McFatrige		\$75.00			75.00
Wagon, Flat.....	W. N. Brown	1	200.99			200.99
Wainwright Bars	F. Hankin	1000	4590.01			4590.01
Water Pipe—6" x 12'	W. Beverly Robinson		£1 11 8			
" " Inspection	Nothingham Gaslight Co.		\$13.75			
Wheels—Sprinkler, large front	Stroud & Everleigh		12.30			
" " small	" "		15.75			
" " hind	" "		13.25			
" " small	" "		13.00			
" " hind	W. N. Brown.....		14.00			

Records Comptrol 1878-1910

Records Compared 1879-1910.

Year.	Total Precipitation at Chain Lake.		Lowest Level of Long Lake below Waste Weir.		Total precipitation at Spruce Hill Lake.	Lowest Level of Spruce Hill Lake below Waste Weir.		Total precipitation in the City of Halifax.
	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	
1879....	40.76	4	6 $\frac{1}{2}$					47.70
1880....	51.45	3	10 $\frac{1}{2}$					52.752
1881....	46.65	3	0 $\frac{1}{2}$					51.755
1882....	56.089	2	6 $\frac{1}{2}$			2	3	62.022
1883....	46.201	4	5 $\frac{1}{2}$			3	3	58.112
1884....	59.252	3	9 $\frac{1}{2}$			2	0 $\frac{1}{2}$	63.278
1885....	49.995	4	5			3	0 $\frac{1}{2}$	56.629
1886....	46.60	2	3			2	0	57.290
1887....	59.82	3	10			3	8 $\frac{1}{2}$	57.253
1888....	68.525	1	5		67.21	2	2	66.294
1889....	46.81	5	11		49.10	4	4	48.659
1890....	59.38	4	2		60.78	3	11 $\frac{1}{2}$	60.103
1891....	57.015	3	6 $\frac{1}{2}$		58.99	2	9 $\frac{1}{2}$	58.669
1892....	58.97	2	11 $\frac{3}{4}$		60.19	2	5 $\frac{3}{4}$	53.690
1893....	57.26	3	11 $\frac{3}{4}$		57.98	2	9 $\frac{1}{2}$	58.748
1894....	47.59	6	4		46.40	4	11	45.808
1895....	56.98	6	7		57.94	4	11 $\frac{1}{2}$	62.152
1896....	70.87	3	1		70.72	3	8	66.862
1897....	55.40	6	3		58.01	2	6 $\frac{1}{2}$	51.522
1898....	74.93	4	5 $\frac{1}{2}$		74.48	2	2	60.480
1899....	58.78	3	9		60.24	2	0 $\frac{1}{2}$	53.013
1900....	70.00	5	6 $\frac{1}{2}$		66.59	4	3 $\frac{1}{2}$	59.697
1901....	62.29	4	5 $\frac{1}{2}$		70.47	4	3	58.066
1902....	59.07	4	9 $\frac{1}{2}$		61.73	2	7 $\frac{1}{2}$	51.916
1903....	61.30	5	10		67.64	3	11	59.125
1904....	62.81	5	10		66.56	3	0	57.195
1905....	50.81	8	4 $\frac{3}{4}$		59.22	7	9	47.794
1906....	66.80	6	3 $\frac{1}{2}$		74.51	4	3	64.139
1907....	52.11	3	6 $\frac{1}{2}$		61.85	2	2 $\frac{1}{2}$	54.916
1908....	58.92	2	8 $\frac{1}{2}$		64.58	1	10 $\frac{1}{2}$	64.870
1909....	55.72	3	9 $\frac{1}{2}$		61.08	2	6 $\frac{1}{2}$	54.322
1910....	68.31	3	10		70.97	2	3	67.381

Consumption of Water Recorded by the Venturi Meters 1910-1911.

	HIGH SERVICE.		LOW SERVICE	
	Total Consumption for Month.	Average Daily Consumption.	Total Consumption for Month.	Average Daily Consumption.
1910.				
May			*200,000.000	6,451,000
June			200,332,000	6,678,000
July			206,756,000	6,670,000
August			222,010,000	7,161,000
September			212,572,000	7,085,000
October	62,548,000	2,017,700	*205,000,000	6,612,000
November	58,278,000	1,942,600	*202,172,000	6,739,000
December	64,235,000	2,072,100	*208,911,000	6,739,000
January	67,164,000	2,166,600	218,390,000	7,044,000
February	63,020,000	2,251,000	209,461,000	7,480,000
March	68,114,000	2,197,200	227,460,000	7,337,000
April	62,517,000	2,083,900	213,000,000	7,100,000

* Averaged.

Records Compared 1879-1910.

Consumption of Water Recorded by the Venturi Meters 1910-1911.

REPORT PLUMBING INSPECTOR 1910-11.

F. W. W. DOANE, Esq.,
City Engineer.

SIR,—

I beg leave to submit for your information report of the work done by me during the year in the Water and Health Departments.

Respectfully submitted,

W. P. MORRISSEY,
Plumbing Inspector,

STREET RAILWAY TESTS.

REPORT OF THE CITY ELECTRICIAN 1910-11.

PLUMBING AND DRAINAGE.

	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	Total.
No. of Plumbing Plans and Applications approved	47	45	47	74	46	33	37	26	19	19	24	40	457
No. of Certificates recommended ..	41	42	30	39	39	25	24	29	18	24	49	48	408
No. of Collector's Slips issued	28	45	41	37	25	24	16	5	77	31	27	35	391

No. of new houses for which permits were issued	63
“ “ inspected and passed	67
“ barns “ “	2
“ plumbing inspections	917
“ times smoke test applied	325
“ “ peppermint test applied	45
“ water “	31
“ houses inspected for defective plumbing and for City Health Board ..	67
“ “ remedied and put in good condition	14
Other inspections	102
No. new Water Closets put in	365
No. Urinals fitted up	5
No. of other fixtures put in	753
“ Schools tested and inspected	10

ELECTRIC PIPE DRAWING

The severe frosts of the past Winter necessitated the use of the Electric Pipe Thawing Machine.

The first draw was made Feb. 18th and from that till March 17th 58 service pipes were thawed, the average time consumed for each ½ inch pipe being 1½ minutes actual connection with the pipe.

REPORT OF THE CITY ELECTRICIAN 1910-11.

HALIFAX, N. S., May 1st, 1911.

F. W. W. DOANE, ESQ.,
City Engineer.

DEAR SIR,—

WIRE INSPECTION.

The Board of Wiring Examiners held ten meetings during the year. Five Wiremen's Licenses were issued, two of which were subsequently cancelled, because of failure to comply with the Wiring Ordinance.

Six candidates were examined for proficiency in wiring, two of which were granted certificates, one a temporary certificate, and two rejected.

During the year 542 wiring permits were issued, 880 tests and inspections were made, and 555 service connection permits were issued.

With the present help I find it impossible to keep this work up as it should be, and at the present time there are upwards of 300 wiring jobs awaiting final inspection.

ELECTRIC PIPE THAWING

The severe frosts of the past Winter necessitated the use of the Electric Pipe Thawer.

The first thaw was made Feb. 16th, and from that till March 17th, 56 service pipes were thawed, the average time consumed for each $\frac{1}{2}$ inch pipe being $11\frac{1}{2}$ minutes actual connection with the pipe.

STREET RAILWAY TESTS.

Volt meter readings were made over the Street Railway line in November, with the result that the potential between rail and hydrant in no case exceeded 1 volt, with pipe positive to rail.

Respectfully submitted,

P. R. CO PITT,

City Electrician.

New Underground Conduit Laid in Halifax by The Nova Scotia Telephone Co., Ltd., 1909.

BRANCHES.

On George Street from Manhole No. 10 on Hollis Street into Royal Bank Building, Branch, 1 pipe 41 ft.

On George Street from Manhole No. 10 on Hollis Street into Post Office Building, Branch, 1 pipe 48 ft.

On Hollis Street from Manhole 115'7" south of Manhole No. 10 to Province Building, Branch, 1 duct 36 ft., 1 pipe 29 ft.

On Prince Street from Manhole No. 9 on Hollis Street into Stevens' Building, Branch, 1 pipe 31 ft.

On Hollis Street 115'7" south of Manhole No. 10, one Manhole 3'x3'x3',

SUMMARY.

185 ft., Branch Conduit.

4893 ft., Underground Cable.

171.39 miles Underground Cable Conductors.

STREET RAILWAY TESTS.

New Underground Conduit Laid in Halifax by The Nova Scotia Telephone Co., Ltd., 1910

BRANCHES.

On Queen Street south from Manhole No. 64 on Spring Garden Road, Branch extended, 1 pipe 74 ft.

On Queen Street, North from manhole No. 64 on Spring Garden Road, Branch extended, 1 pipe 48 ft.

SUMMARY.

6592 ft. of Underground Cable laid.

207.66 miles of Underground Cable Conductors laid.

22 Poles removed.

7 Poles transferred to Halifax Tram. Co.

Cement Concrete Sidewalks, 1910.

Side.	Street.	From	To	Area square yards.	Ap. prox. width, feet.	LENGTH.		Total Cost.
						Feet.	Miles.	
West	Argyle	Sackville	Moirs, Ltd.	948.87	10	856.00		\$ 231 48
"	"	Duke	Northwardly	50.60	10	50.00		137 74
South	"	Buckingham	"	50.90	10	51.30		540 83
West	Blowers	Granville	Argyle	205.00	6-8	296.50		717 68
West	Brenton	Spring Garden Road	Brenton Place	279.51	5	438.00		239 30
East	Bruswick	Jacob	Northwardly	146.57	10-12	147.35		81 53
North	Buckingham	Barrington	Eastwardly	43.95	10	42.50		1028 85
"	"	Robie	Edward	208.48	6	304.67		468 82
"	"	Coburg Road	Granville	139.57	9	148.40		216 50
"	"	Argyle	Granville	248.88	8	280.00		500 08
East	George	Barrington	Granville	126.29	10	131.40		909 36
West	Grand Parade	City Hall	George	381.34	9-11	343.79		46 12
South	Granville	Sackville	Blowers	29.61	11	25.55		232 73
North	Morris	At No. 34 1/2	"	107.54	8	129.10		1417 01
North	North and Lockman	Opp. Railway Station	Louisburg	566.35	7	687.70		1599 57
South	Quinpool Road	Robie	Cunard	545.91	6	639.20		535 05
West	Robie	Walsford	Tower Road	229.36	6	281.55		394 23
South	"	Park	Queen	147.12	6	215.50		1238 89
North	"	Church	Victoria Road	402.17	6	532.00		2846 17
East	Tower Road	Inglis	South	1073.60	6	1397.20		621 78
West	"	"	Lucknow	281.66	6	372.60		710 44
North	Victoria	Park	Tower Road	276.78	6	382.00		1166 09
"	"	"	Windser	442.34	6	561.00		1079 62
"	Williams	Robie	"	403.76	6	535.00		797 35
South	"	"	"	157.48	6	225.00		
East	Windser	Willow	North					
				7473.64		9073.31		\$19906 72

Curb and Gutters Laid, 1910.

Street.	Side (or Corner).	From (or at)	To	CURB.		GUTTERS.	Material.	REMARKS.
				Straight.	Corner.			
Argyle	W	Sackville St	N. Buck'gm Tram	58.4	31.6	752.7	Granite.	
Blowers	S	Granyille St	Barrington St	6.4	2.6	120.8	"	
Brenton	W	Spring Garden Road	Brenton Place	416.0	15.9	416.0	Concrete.	Granite corner.
Coburg Road	N	Robie St	Edward St	283.9	33.0	287.9	Granite.	
"	S	"	"	245.0	19.9	242.0	"	North roadway at flat iron.
Duke	N	Argyle St	Grafton St	13.2		120.0	"	
Gottingen	E	North St	Southwardly	760.10	28.5	163.6	"	
Granyille	W	Sackville St	Blowers St	13.8		316.9	"	
Quinpool Road	S	Robie St	Louisburg St	647.4		647.0	Concrete.	
Robie	W	Welsford St	Cunard St	555.3		555.3	"	
"	"	"	"	39.0	100.10		"	
South	S	Park St	Tower Road	269.6		269.6	Granite.	Granite corner.
"	N	Church St	Queen St	203.0	15.9	203.0	Concrete.	
South Park	E	South St.	Inglis St.	869.0		869.0	"	
"	"	"	"	19.6	63.0		"	
Tower Road	"	Victoria Road	"	5.0	32.9	505.0	Concrete.	
"	"	"	"	505.0		1370.0	"	
Victoria Road	W	South St.	"	1370.0	101.0	149.0	Granite.	Granite corners.
"	"	Park St	Lucknow St	149.0		5.0	"	
"	"	"	"	370.0		370.0	Concrete.	
Williams	"	Robie St.	Tower Road	551.0		551.0	"	
"	"	"	Windsor St					

Location	Material	12.0	7.0	12.0	7.0	12.0	7.0	12.0	7.0
Williams	Granite.	12.0	7.0	12.0	7.0	12.0	7.0	12.0	7.0
"	"	17.9	6.0	17.9	6.0	17.9	6.0	17.9	6.0
"	Concrete.	525.0	525.0	525.0	525.0	525.0	525.0	525.0	525.0
Windsor	Granite.	31.6	209.0	31.6	203.0	31.6	203.0	31.6	209.0
Agricola		15.9		15.9		15.9		15.9	
"		15.9		15.9		15.9		15.9	
Annandale		15.9		15.9		15.9		15.9	

Crossings Laid in 1910.

Location	Material	12.0	7.0	12.0	7.0	12.0	7.0	12.0	7.0
Williams	Granite.	12.0	7.0	12.0	7.0	12.0	7.0	12.0	7.0
"	"	17.9	6.0	17.9	6.0	17.9	6.0	17.9	6.0
"	Concrete.	525.0	525.0	525.0	525.0	525.0	525.0	525.0	525.0
Windsor	Granite.	31.6	209.0	31.6	203.0	31.6	203.0	31.6	209.0
Agricola		15.9		15.9		15.9		15.9	
"		15.9		15.9		15.9		15.9	
Annandale		15.9		15.9		15.9		15.9	

Crossings Laid in 1910.

STREET.			Single or Double.
Across.	At	Side.	
Agricola	Macara	South	Single.
"	Between May and McCully	"	"
"	North	South	"
Brunswick	Duke	North	"
"	Uniacke	"	"
Carlton	Spring Garden Road	"	"
"	"	South	"
Charles	Agricola	East	"
Church	South	North	"
Clifton	Willow	"	"
Creighton	North	South	"
Lucknow	Fenwick	"	"
Maynard	Black	North	"
"	Charles	"	"
"	North	South	"
North	Agricola	East	"
"	Windsor	West	"
North Park	Armouries	South	"
Quinpool Road	Louisburg	East	"
"	"	West	"
Robie	West	South	"
South	Church	East	"
Spring Garden Road	Carlton	East	"
"	"	West	"
Tower Road	Morris	South	"
"	South	"	"
"	Victoria Road	North	"
Victoria Road	Lucknow	West	"
Windsor	North	North	"
"	"	South	"

Concrete Sewer Blocks Made at City Yard during Civic Year 1910-1911.

48" Sewer.....	542 Blocks =	953.92 c. f.	
36" ".....	674 " =	1064.92 " "	
24" x 36" ".....	143 Sides =	185.90 " "	63 Inverts = 110.25 c. f.
14" x 21" ".....	920 " =	1150.00 " "	715 " = 1251.25 " "
12" x 18" ".....	1312 " =	1285.76 " "	
Inverts, (small).....	1144 Blocks =	1109.68 " "	
Catchpit Covers.....	18 Covers =	36.00 " "	

Number of batches mixed = 1070 = 8482.73 cub. ft. = 314.17 c. yds. = 7.92 c. f. per batch.

COST—

Labour.....	4988 hours @	*.18 =	\$885.01 =	.1043 per cu. ft. =	\$2.817 per cu. yd.
Cement.....	1337.5 bush. @	.80 =	1070.00 =	.1261 " " =	3.405 " "
Sand.....	2140 " @	.04½ =	96.30 =	.0113 " " =	.3065 " "
Gravel.....	2140 " @	.05 =	107.00 =	.0126 " " =	.3405 " "
Stones.....	4280 " @	.09½ =	406.60 =	.0479 " " =	1.2942 " "
Paper.....	900 lbs. @	.031 =	29.25 =	.0034 " " =	.0931 " "
Soap.....	84 " @	.06½ =	5.46 =	.0006 " " =	.0173 " "
Coal.....	8 tons @	7.25 =	58.00 =	.0068 " " =	.1846 " "
Tools.....	.....	.....	20.00 =	.0022 " " =	.0636 " "
Total Cost.....	.....	.....	\$2677.62	\$ 3156 " "	\$8 548 " "

* Various rates.

City Property under Lease, 1910-1911.

No. of agree- ment City Engineers Office.	LOCATION.	To Whom Leased.	Date of Lease.	Rental.	REMARKS.
.....	Agricola St., Step No. —	W. J. Adams.	.....	.....	.....
813	Agricola St., Hatch at No. 47.	James Brooks	April 18, 1906	\$0 48 per ann.	
785	Agricola St., " "	Louis W. Dixon	May 15, 1902	" "	
1011	Albemarle St., " " 76	Margaret Hall	June 15, 1909	25 "	
850	Almon Street, Railway siding to Silliker Car Co., property	Isaac Castle	.....	96 00 "	
649	Argyle St., Hatch at No. 29	The Silliker Car Co.	Aug. 27, 1903	1 00 "	
636	" " " 43	Frank Reardon	April 12, 1904	48 "	
635	" " " 15	Simon Fraser	May 2, 1901	57 "	
1022	" " " 19	J. E. Roy	April 1, 1901	48 "	
644	" " " 100-102	W. M. Brown	Jan. 19, 1910	7 30 "	
915	" " " 32-24	H. W. Cameron	May 19, 1902	42 "	
647	" " " 14-142	Brander, Morris & Co.	Oct. 16, 1907	25 "	
634	" " " 217	Imperial Pub. Co.	July 12, 1900	42 "	
816	" " " 255-257	Kenny & Co.	Aug. 27, 1900	1 00 "	
798	" " " Encroachment at No. 30	Scotia Pure Milk Co.	Aug. 24, 1906	25 "	
797	" " " 32	St. M's Y. M. T. A. & B. Soc.	Oct. 3, 1905	1 00 "	
800	" " " 34	City Club Building Co.	Nov. 30, 1906	1 00 "	
603	" " " 102	Church of England Inst	Aug. 6, 1906	1 00 "	
638	Bauer St., Encroachment No. 16	R. N. McDonald	July 12, 1905	1 00 "	
913	Bedford Row, Hatch at No. 25-27	Isabel Zwicker	Sept. 20, 1899	1 00 "	Payable October 1.
641	Blowers St., Hatch at No. 8	T. W. P. Fihm, (Trustee)	June 4, 1901	48 "	
642	Brunswick St., Hatch at No. 17	G. G. & J. J. Handley	Sept. 13, 1907	25 "	
1013	" " " 77	P. Lowrie	Nov. 5, 1901	86 "	
4161	Campbell Road, Railway siding to Imperial Oil Co's property	Clara M. Spencer	March 6, 1908	67 "	
556	Charles St. Encroachment	T. F. Courtney	Sept. 22, 1909	420 "	
		Imperial Oil Co., Ltd.	April 20, 1900	1 00 "	Published 1899-00.
		Thos. Ritchie	July 15, 1902	25 "	" " 1902-03.

556	Charles St., Encroachment				July	15, 1902	25	Published 1902-03.
1914	Coburg Rd., float & shed at foot of Arm				Sept.	10, 1909	10 00	For 10 years.
472	College St., Encroachment				May	31, 1902	1 00	
570	Canard St., Encroachment at No. 137				Nov.	1, 1885	1 00	
470	Dalhousie College, drainage rights				Nov.	1, 1885	1 00	
523	Duffus St., Encroachment				Dec.	16, 1885	25	
	"				Dec.	16, 1885	25	
522	"				Dec.	16, 1885	25	
	"				June	26, 1875	4 00	
787	Duke St., hatch				April	2, 1906	1 70	
653	Dundonald St., encroachment at No. 9				Aug.	3, 1903	25	
651	Fenwick St., hatches at No				Aug.	6, 1903	25	
477	" " encroachment on sewer lot.				Nov.	1, 1884	5 00	
929	Ferry Dock				April	1, 1890	800 00	Original in City Clerk's office.
914	Gerrish St., hatch at No				Sept.	20, 1907	66	
814	Grafton St., hatch at No. 83				Aug.	23, 1906	1 12	
639	Granville St., hatch at No. 93				Feb.	18, 1901	57 20	
786	" " " " " " " "				July	12, 1905	60	
646	Gottingen St., " " " "				June	25, 1902	2 19	
635	" " " " " " " "				April	1, 1901	48	
632	" " " " " " " "				May	13, 1909	25	
811	" " " " " " " "				Aug.	6, 1906	42	
812	" " " " " " " "				Aug.	6, 1906	42	
955	" " " " " " " "				Oct.	19, 1908	25	
502	Hanover St., boat landing				Dec.	21, 1907	5 00	
640	Hastings St., North of Doyle St				Jan.	11, 1895	2 00	
912	Hollis St., hatches at No. 39				Oct.	23, 1901	48	
916	" " " " " " " "				July	4, 1907	36	
	" " " " " " " "				March	26, 1908	36	
	" " " " " " " "				Aug.	24, 1900	25	
652	" " " " " " " "				May	1, 1887	1 00	
726	" " " " " " " "				Aug.	3, 1903	25	
831	" " " " " " " "				Sept.	27, 1904	1 00	
549	Inglis St., cellar vaults				March,	1907	01	
918	Jubilee Road, boat landing at Arm				Feb.	28, 1871	£0 1 0	Published 1904-05.
936	Kempt Road, City lot				March	31, 1907	5 00	" 1906-07.
					May	1, 1908	22 00	1 year.

CITY PROPERTY UNDER LEASE, 1910-1911.—(Continued).

No. of agree- ment City Engineer's Office.	LOCATION.	To Whom Leased.	Date of Lease.	Rental.	REMARKS.
926	Lockman St., encroachment	Caleb Heisler	Aug. 25, 1900	25 per ann.	
934	" " No. 55	J. M. McGrath	Oct. 15, 1908	25 "	
935	" " 65	Chas. M. Smith	December, 1908	25 "	
517	Morris St., hatch at No. 211	F. Green			
436	Morris St., boathouse east end	F. M. Slaney	Nov. 13, 1884	\$ 1 00 per ann.	Payable 1st Sept.
484	Morris St., right of egress and ingress east of Water	Jas. Morrow			3 months' notice.
1915	Morris St., public landing foot of	Geo. P. Black	Nov. 25, 1875	5 00	25 years.
	Morris St., right of drainage	Alex. Grant	Aug. 1, 1890	1 00	
	Matland St., encroachment at No. 20	Children's Aid Society	April 7, 1909	1 00	
	Market Wharf, boathouse on	Peter R. Allen	July 3, 1905	1 00	
	Market Wharf, boathouse on	Geo. Fournier	Oct. 1, 1884	5 00	
	McLean St., encroachment	Geo. Evans	July 12, 1910	5 00	
928	North Ferry, landing	S. End Lawn Tennis Club	June 12, 1903	1 00	
431	North St., encroachment cor. Lockman St	Geo. Evans	July 3, 1908	5 00	
798	Pipe line 27", encroachment	W'm. A. Adams	Aug. 24, 1899	1 00	
628	Pleasant St., right of drainage	Henderson & Potts	Oct. 4, 1904	1 00	
727	Pleasant St., encroachment at No 156	Rufus D. Bayers	June 27, 1903	50 "	
	" " "	W'm Cameron	July 18, 1904	25 "	
	" " "	G. P. Mitchell & Son			
	" " "	Beazley Bros			
	" " "	Peter Duffy			
911	Pleasant St., encroachment	Acacia Powder Co	March 7, 1907	28 "	
562	Prince St., hatch at 9-11				
	Prince Arthur St., encroachment on east side between Quinpool Road and				
1918	Norwood St.	Robt. Pickford	Nov. 27, 1890	1 00	
927	Queen St., encroachment at Nos. 51-53	S. Ricard et al, Trustees	Oct. 27, 1909	25 "	
	Quinpool Road, encroachment at No. 2.	F. H. Hayward	Aug. 20, 1908	25 "	

680	Robie St., encroachment.....	T. J. Doran	April	10, 1879	25	"	3 months's notice
1919	Robie St., encroachment at No. 238	Freeman Haverstock	Sept.	14, 1909	25	"	
801	Sackville St., encroachment at Nos. 61-63	W. J. Hames	March	3, 1908	1 00	"	
916	Sackville St., hatch at No. —	G. A. Wootton	Nov.	2, 1907	60	"	
597	Salter St., lot east of Water St.	John Taylor Wood	May	18, 1875	1 00	"	
913	South St., float & shed on Arm at foot of	Wm. Robinson	Dec.	31, 1907	1 00	"	
1012	South Park St., hatch at No. 52	Charles F. Martin	April	5, 1910	44	"	
815	Spring Garden Road, hatch at No. 30.	Wm. J. Hoppood	Oct.	15, 1906	25	"	
512	Spruce Hill Lake, encroachment at the Middle Dam.....	Arch. Kidston	May	13, 1899	.....	.....	Published 1899-00
513	Spruce Hill Lake, encroachment at Narrows.....	Arch. Kidston	Aug.	27, 1900	.....	.....	Published 1900-01.
937	Stayner's Wharf, encroachment at lease stores	John Gibson	Jan.	2, 1885	1 00	per ann	Terminable on one
1020	Tower Road, encroachment at No. 398	F. Falconer & McDonald	Oct.	25, 1899	1 00	"	
1021	"	R. G. Benzley	Oct.	25, 1909	1 00	"	
597	Wanderers' Grounds	W. A. A. C	May	1, 1896	100 00	"	20 years.
485	Water St., cellar vaults	J. F. Avery	Oct.	1, 1863	£1 0 1	"	20 years.
648	Water St., (Lower), hatches at No. 156.	Peter C. Flemming	Nov.	17, 1902	48	"	
643	Water St., (Upper), "	Furness, Withy Co	June	4, 1902	5 00	"	
931	Water St., (Lower), "	T. J. Egan	Jan.	4, 1905	48	"	
535	Windsor St., encroachment at No. 43.	H. L. Hart	Aug.	20, 1908	25	"	
	Young Street railway siding Exhibition Exhibition Com. & Min. Grounds.....	Railways and Canals	Nov.	20, 1897	.....	.....	Published 1897-98

Published by the City Engineer 1910-11

Properties under Lease or Rented by the City of Halifax, 1910-II

File Number in City Engineer's Office.	Location.	Lessor.	Date.	Expires.	Rental.	Printed in Annual Report.
832	Camp Hill—Three Electric light poles.....	Minister Militia and Oct.	1906..	1 mos. notice..	.....	1906—7
834	Citadel Promenade—Drive around Citadel..	Defence.....	May 1, 1906..	May 1, 1911..	25 cts.	1906—7
833	Citadel—Town Clock.	" ".....	July 19, 1906..	Perpetual lease	.....	1906—7
1916	Common—Structure in City Storeyard	War Department	Apr. 30, 1910	1 mos. notice..	.....	1909—10
594	" "Gardener's residence & structures,	" ".....	" ".....	" ".....	.....	1899—1900
535	" "Drinking Fountain North Park St.	" ".....	Jan 2, 1905..	" ".....	.....	1905—6
452	Green Bank—Sewer outlet	" ".....	Aug. 8, 1900..	" ".....	£ 1 0 0	1900—1
	Harvey Street—Storage for Water cart....	Ladies' College	July 22, 1901..	July 1, 1921	\$ 1 0 0	1901—2
	North Slip	Halifax Transfer Co	" ".....	7 months.	35 00	.....
	Pine Hill—Drainage rights	Lord High Admiral..	Dec. 1, 1864..	Dec. 1, 1963..	£ 0 1 0	1899—1900
	Pipe line—Right-of-way.....	H. H. Cogswell.....	Sept 1, 1846..	Sept 1, 1946..	0 5 0	1899—1900
	Pipe line—Right-of-way.....	Geo. Welsman.....	Aug. 28, 1900..	" ".....	.....	1900—1
	Point Pleasant Park.....	War Department	Dec. 31, 1873..	999 years.....	0 1 0	1899—1900

Properties Acquired by the City of Halifax, 1910-11.

File Number City Eng'rs Office.	Location.	By whom Deeded.	Date.	Consider- ation.	Registry of Deeds.	
					Book	Page
.....	Granville Street	N. S. Fire Ins Co	May 16, 1910	\$55 00	407	436-438
.....	Marborough Wood—street and landing	North West Arm Co., Ltd	June 1, 1911	1 00	414	85-89
.....	Lynch Street	Mrs Frizzel	Nov. 22, 1910	100 00	409	501-503
.....	Walnut Street	J. Egan	May 1, 1911	1 00	414	83-84
.....	Market Site (Expropriation)	Various owners	Dec. 15, 1910	.....	.....	.....

Certificate No. 21.

This is to certify that the lines of railway of the Halifax Electric Tramway Company, Limited, situated on the streets hereinafter specified, to wit:—

Beginning at a point on Coburg Road at or about the east line of Edward Street; thence running to a point on Spring Garden Road about eighty feet east of Robie Street, being all the double track constructed on Coburg Road, across Robie Street, and on Spring Garden Road between the two points mentioned, by the Halifax Electric Tramway Company, Limited, have been constructed to my satisfaction.

(Sgd.) F. W. W. DOANE,
City Engineer.

I, Joseph A. Chisholm, Mayor of the City of Halifax, do hereby approve of the above certificate.

(Sgd.) J. A. CHISHOLM,
Mayor.

Dated at Halifax, the 10th day of December, 1910.