

## DETAILED PRECIPITATION FOR THE YEAR 1904.—(Continued).

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	.10	.86			.07		.02					.18
2		.36		.55		.16	.34	.26				
3	1.31	.36		.04		.18	.12	.29	.11	.04		
4	.16		.84			.06			.38		.10	
5		.17				1.22			.07			
6						.18	.04		.21		.64	.16
7		.61								.41		
8	.14	.26	.94	.57					.04			.32
9	.67		.71	.91				.24		.06		
10	.05			1.42	.37					.33		
11	.06			.22	.19		.02	.94		.56		.04
12		.11			.02				1.08	.06		.04
13				.37						.48		.27
14	1.40		.04				.74	.34		.82	1.49	.21
15								1.17	.03	.05		
16		.71	.41	.88		.36						
17	.35				.07		.05	.61			.11	
18											.33	1.04
19			.91	.45	2.52				.02		.14	.14
20		.41	.62		.76							.32
21	.12			.91	.07		.03	2.57	.59			
22		.85									.02	
23	.98	.64	1.08			.34	.06	.44		3.10		.11
24	.75	.14					2.78				1.08	.34
25		.70				.06			2.00			
26		.04	.21		.07	.11						
27	.64								.02	.27		
28			.14								.14	2.35
29	.04	.11	.27	.38			.02					.10
30	.22			.43		.04			.67		.71	
31					.10							
Total	7.09	6.33	6.17	7.06	4.24	2.71	4.22	6.86	5.32	6.18	4.76	5.62

Total for the year ..... 66.56 inches.

## Total Precipitation for the Year 1904.

1904.	CHAIN LAKE.				SPRUCE HILL LAKE.				CITY OF HALIFAX.			
	Snow.	Melted Snow.	Rain.	Total.	Snow.	Melted Snow.	Rain.	Total.	Snow.	Melted Snow.	Rain.	Total.
January . . . . .	21.00	3.72	3.60	7.32	24.50	3.70	3.39	7.09	23.70	2.370	3.948	6.318
February . . . . .	27.75	3.21	2.98	6.19	28.75	3.72	2.61	6.33	31.30	3.150	2.178	5.328
March . . . . .	10.01	1.89	3.43	5.32	12.02	2.23	3.94	6.17	9.60	.960	4.630	5.590
April . . . . .	16.50	1.76	4.62	6.38	15.25	1.69	5.37	7.06	15.20	1.520	4.392	5.912
May . . . . .			4.07	4.07			4.24	4.24			3.315	3.315
June . . . . .			2.60	2.60			2.71	2.71			2.668	2.668
July . . . . .			3.20	3.20			4.22	4.22			2.323	2.323
August . . . . .			6.37	6.37			6.86	6.86			6.511	6.511
September . . . . .			4.89	4.89			5.32	5.32			4.502	4.502
October . . . . .			5.68	5.68			6.18	6.18			5.031	5.031
November . . . . .	1.00	.10	5.65	5.75	1.50	.25	4.51	4.76	1.00	.100	5.007	5.007
December . . . . .	28.75	3.41	1.63	5.04	29.00	3.59	2.03	5.62	27.30	2.730	1.859	1.859
Total . . . . .	105.01	14.09	48.72	62.81	111.02	15.18	51.38	66.56	108.10	10.830	46.364	57.194

All amounts in inches. Returns for City of Halifax compiled from records of Dominion Meteorological Agent.

In the City of Halifax rain fell on 120 days; snow on 58 days; rain and snow on 18 days.

### Highest and Lowest Points Reached at Long Lake and Spruce Hill Lake, 1904.

LONG LAKE.				Monthly precipitation in inches at gauge in City of Halifax.	SPRUCE HILL LAKE.			
1904.	Lowest point reached during the month.	Highest point reached during the month.	Monthly precipitation in inches at gauge at Chain Lake.		1904.	Lowest point reached during the month.	Highest point reached during the month.	Monthly precipitation in in. at gauge at Spruce H. Lake.
Jan 14..	204.57				Jan. 13	362.09		
" 25 ..		206.24	7.32	6.318	" 23 ..		362.74	7.09
Feb. 2 ..		206.24			Feb. 3 ..		362.84	
" 22 ..	205.15		6.19	5.328	" 21 ..	362.30		6.33
Mar. 9 ..		206.65			Mar. 3 ..	362.55		
" 21 ..	205.95		5.32	5.590	" 29 ..		363.63	6.17
April 11..		207.11			April 1 ..	363.54		
" 20 ..	206.11		6.38	5.912	" 11 ..		364.46	7.06
May 14 ..	205.29				May 1 ..		363.96	
" 21 ..		206.49	4.07	3.315	" 18 ..	363.24		4.24
June 8 ..		206.11			June 1 ..		363.42	
" 30 ..	204.99		2.60	2.668	" 3) ..	362.34		2.71
July 1 ..		204.74			July 1 ..		362.30	
" 31 ..	202.49		3.20	2.323	" 23 ..	361.32		4.22
Aug. 10 ..	201.49				Aug. 14 ..	360.88		
" 26 ..		202.66	6.37	6.511	" 24 ..		361.50	6.86
Sept. 1 ..		202.18			Sept. 1 ..		361.18	
" 24 ..	230.19		4.89	4.502	" 24 ..	360.42		5.32
Oct. 13 ..	200.91				Oct. 10 ..	360.34		
" 27 ..		203.24	5.68	5.031	" 25 ..		361.24	6.18
Nov. 11 ..	202.79				Nov. 13 ..		361.42	
" 30 ..		204.57	5.75	5.007	" 26 ..	360.72		4.76
Dec. 2 ..		204.70			Dec. 1 ..		361.46	
" 28 ..	203.49		5.04	1.859	" 27 ..	360.64		5.62

Level of waste weir at Spruce Hill Lake, 363.34 feet above mean low tide.

Level of waste weir at Long Lake, 205.99 feet above mean low tide.

## Records Compared 1879-1904.

Year.	Total precipitation at Chain Lake.	Lowest Level of Long Lake below Waste Wier.		Total precipitation at Spruce Hill Lake.	Lowest Level of Spruce Hill Lake below Waste Wier.		Total precipitation in the City of Halifax.
	Inches.	Feet.	Inches.	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 $\frac{1}{2}$	.....	2	3	51.755
1882....	56.089	2	6 $\frac{1}{4}$	.....		0	62.022
1883....	46.201	4	5 $\frac{1}{2}$	.....	3	3	58.112
1884....	59.252	3	9 $\frac{3}{4}$	.....	2	0 $\frac{1}{2}$	63.278
1885....	47.995	4	5	.....	2	0 $\frac{1}{2}$	56.629
1886....	46.60	2	3	.....	2	0	57.290
1887....	59.82	3	10	.....	3	8 $\frac{1}{4}$	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 $\frac{3}{4}$	60.103
1891....	57.015	3	6 $\frac{1}{2}$	58.99	2	9 $\frac{1}{4}$	58.669
1892....	58.97	2	11 $\frac{1}{2}$	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	69.862
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....	64.30	5	10	67.64	3	11	59.125
1904....	62.81	5	10	66.56	3	0	57.194



Gallons of Water Discharged over Long Lake Waste Weir  
during 1904.

Day.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1		725,898		19,600,783	5,807,185							
2		10,665,474		13,441,414	2,935,888							
3		5,807,185		10,665,474	1,333,376							
4		3,771,748	5,807,185	10,665,474	725,898							
5		2,053,123	13,441,415	13,441,414	725,898							
6			10,665,474	10,665,474	256,678							
7			8,112,524	8,112,524		2,053,123						
8			5,807,185	16,424,984		3,771,748						
9			46,452,871	19,600,783		2,053,123						
10			42,169,750	38,025,069								
11			30,173,996	101,887,180								
12			19,600,783	64,923,233								
13			10,665,474	46,452,871								
14			3,771,748	30,173,996								
15			2,053,123	22,953,449								
16			725,898	16,424,984								
17				10,665,474								
18				5,807,185								
19				5,807,185								
20				3,771,748	10,665,474							
21				5,807,185	30,173,996							
22				8,112,524	22,953,449							
23				10,665,474	16,424,984							
24			8,112,524	10,665,474	10,665,475							
25	10,665,474		10,665,474	10,665,474	3,771,748							
26	10,665,474		16,424,984	10,665,474	3,771,748							
27	10,665,474		22,953,449	10,665,474	2,053,123							
28	10,665,474		30,173,996	10,665,474	725,898							
29	5,807,185		46,452,871	10,685,474								
30	3,771,748		38,025,069	10,665,474								
31	2,053,123		30,173,996									
	54,293,952	23,023,428	402,423,789	568,754,199	112,930,817	7,877,994						

Total for the year..... 1,169,370,179 gallons.

**REPORT PLUMBING INSPECTOR.**

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HALIFAX, N. S., April 30th, 1905.

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

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

Respectfully submitted,

D. P. O'NEILL,  
*Plumbing Inspector.*



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REPORT OF WATER INSPECTOR.

HALIFAX, N. S., June 15th, 1905.

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

SIR,—I beg leave to submit for your information the work done by me in the Water Department during the year, with a list of all the Water Meters in use, the sizes, the amount consumed, the revenue therefrom and number of times the Meters were inspected.

Yours respectfully

JOHN E. BURNS,  
*Water and Meter Inspector*





## Statement Showing Class of Premises on which Meters are used.

CLASS.	SIZES IN INCHES.									Indicator.	Total.
	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	3	4	6		
Bakeries . . . . .	3	1				1	2				7
Bottlers . . . . .	3										3
Breweries . . . . .		1				1	2				4
Church . . . . .										1	1
Colleges . . . . .	1	3	2		1	1	1				9
Schools . . . . .	2	2	1								5
Armouries . . . . .		2	2								4
Elevators . . . . .						2	1	2			5
Dye Works . . . . .	2										2
Electric Tram. Station . . . . .				1				1	1		3
Fountain . . . . .					1						1
Gas Works . . . . .							1		1		2
Grain Elevators . . . . .	1						1				2
Factories, Machine Shops, etc. . . . .	4		2			2					8
Grounds, Athletic . . . . .	2										2
Halls, Clubs, etc. . . . .	2	12	2								16
Hospitals . . . . .		1									1
Laundries . . . . .	2	1	3			2	1				9
Nurseries . . . . .	1		1								2
Office Buildings . . . . .	2	1			1	1					5
Printing Offices . . . . .	2	1	1								4
Refineries . . . . .								1			1
Rinks . . . . .	1						1				2
Stables, Private . . . . .	12										12
Stables, Livery . . . . .	14										14
Wharves . . . . .						6	3	4	2		15
Institutions . . . . .	5	9	6	2							22
Railroads . . . . .				1	1	1	3	1			7
Tenements . . . . .	4										4
Shop and Store . . . . .	6										6
Dwellings . . . . .	160	9			1						170
	229	43	20	4	5	17	16	9	4	1	348

## Consumption and Revenue by Meters.

Page.	OWNER.	Class of Premises.	Size of Meter.	Consumption in Gallons.	Water Rate.	Value.	Meter Rental.	Total Amount.	REMARKS.
105	John Fry .....	Bakery .....	1 <sup>3</sup> / <sub>4</sub>	28,000	15	\$ 4 20	\$ 2 00	\$ 6 20	
355	G. J. Hamilton & Sons...	" .....	3	922,000	14	129 08	10 00	139 08	
353	Moirs', Limited .....	" .....	3	1,733,575	13	225 37	10 00	235 37	
135	F. J. Scott .....	" .....	1 <sup>1</sup> / <sub>2</sub>	23,000	15	4 95	2 00	6 95	
134	J. J. Scriven & Son .....	" .....	"	135,000	15	20 25	2 00	22 25	
101	S. P. Churchill .....	Bottlers .....	"	21,000	15	3 15	2 00	5 15	
54	Lawson Estate .....	" .....	"	155,900	15	23 39	4 00	27 39	
132	Scotia Pure Milk Co .....	" .....	"	719,900	14	100 79	2 00	102 79	
32	Halifax Breweries .....	Breweries .....	3	467,000	14 <sup>1</sup> / <sub>2</sub>	67 71	10 00	77 71	
20	A. Keith & Son .....	" .....	3	3,748,000	10	374 80	10 00	384 80	
22	" .....	" .....	3 <sup>1</sup> / <sub>4</sub>	850,000	*	99 87	4 00	103 87	*13, 10
243	J. P. May Estate .....	" .....	2	1,275,000	*	170 76	8 00	178 76	*13, 14
38	Brunswick St., Methodist.	Church .....	3 <sup>1</sup> / <sub>2</sub>	65,000	7	4 59	.....	4 59	
86	Sacred Heart Convent .....	College .....	3	1,605,600	7	112 39	10 00	122 39	
6	Dalhousie College .....	" .....	2	222,000	7	15 58	4 00	19 58	
68	Halifax Ladies College .....	" .....	1 <sup>1</sup> / <sub>2</sub>	511,125	7	35 78	4 00	39 78	
70	" .....	" .....	1 <sup>1</sup> / <sub>2</sub>	508,750	7	35 61	6 00	41 61	
150	Halifax Medical College .....	" .....	1 <sup>1</sup> / <sub>2</sub>	22,000	7	1 54	2 00	3 54	
151	" .....	" .....	1 <sup>1</sup> / <sub>2</sub>	102,000	7	7 14	4 00	11 14	
157	Pine Hill College .....	" .....	1	248,000	7	17 36	5 00	22 36	
207	" .....	" .....	3 <sup>1</sup> / <sub>4</sub>	189,000	7	13 23	4 00	17 23	
191	St. Ann's College .....	" .....	1	565,000	7	39 55	5 00	44 55	
198	School Commissioners .....	Public School .....	1	748,000	7	52 36	5 00	57 35	
332	" .....	" .....	1 <sup>1</sup> / <sub>2</sub>	67,000	7	7 05	2 00	9 05	
339	" .....	" .....	1 <sup>1</sup> / <sub>2</sub>	53,000	7	7 95	4 00	11 95	

CONSUMPTION AND REVENUE BY METER.—(Continued.)

Page.	OWNER.	Class of Premises.	Size of Meter.	Consumption in Gallons.	Water Rate.	Value.	Meter Rental	Total Amount.	REMARKS.
388	School Commissioners	Public Schools	$\frac{1}{2}$	17,000	c. 7	\$ 1 19	\$ 17	1 36	1 month
34	Dominion Government	Appraiser's Office	3	431,000	14 $\frac{1}{2}$	65 50	10 00	72 50	
245	"	Armouries	1	1,305,400	*	166 92	5 00	171 92	*12 $\frac{1}{2}$ , 13
246	"	"	1	647,800	*	81 33	5 00	86 33	*12 $\frac{1}{2}$ , 13
247	"	"	$\frac{1}{2}$	33,000	*	4 22	4 00	8 22	*13, 12 $\frac{1}{2}$
248	"	"	$\frac{1}{2}$	16,000	13	2 04	4 00	6 04	
254	"	Grain Elevator	4	Not in use.					Own meter.
257	"	"	$\frac{1}{2}$	13,000	15	1 95	2 00	3 95	
9	"	Immigration Shed	4	1,851,000	*	238 83	15 00	253 83	*12 $\frac{1}{2}$ , 13 $\frac{1}{2}$
307	"	I. C. R.	3	30,000	15	1 80	5 00	6 80	
340	"	"	2	1,245,000					Special rate.
341	"	"	1 $\frac{1}{2}$	4,414,000					"
196	"	"	1 $\frac{1}{2}$	2,619,000					"
379	"	Round House	3	3,305,000					"
387	"	Detention Hospital	$\frac{3}{4}$	125,000	*	18 75	34	19 09	1 month.
50	"	Marine & Fisheries	4	1,357,000	*	182 56	15 00	197 56	*13, 14
36	"	Post Office	3	1,148,000	*	157 68	10 00	167 68	*13 $\frac{1}{2}$ , 14
62	Halifax Graving Dock	Dry Dock	1 $\frac{1}{2}$	593,000	*	84 04	7 00	91 04	*14, 14 $\frac{1}{2}$
64	"	"	6	188,000	*	28 07	20 00	48 07	*15, 14 $\frac{1}{2}$
252	Dillon Bros	Elevator	3	356,000	*	52 44	10 00	62 44	*14 $\frac{1}{2}$ , 15
141	G. M. Smith & Co. [Ltd.	"	4	702,000	14	98 28	15 00	113 28	
46	Wm. Stairs, Son & Morrow,	"	4	535,000	14 $\frac{1}{2}$	77 57	15 00	92 57	
126	Dominion Cotton Mill	Factory	3	3,325,000	*	339 26	10 00	349 26	*10 $\frac{1}{2}$ , 10
362	Dominion Packing Co.	"	$\frac{1}{2}$	178,000	*	25 89	2 00	27 89	4mos., 14 $\frac{1}{2}$ , 15
347	J. A. Dunn	"	$\frac{1}{2}$	178,150	15	26 73	2 00	28 73	
378	John Parker & Son	"	1	2,000	15	30	3 75	4 05	8 mos.



251	A. Gunn & Co.	Factory	$\frac{1}{2}$	184,000	15	32 92	2 00	34 92	
350	Harrington Estate	"	"	46,000	15	6 90	2 00	8 90	
237	Henderson & Potts	"	2	22,000	14 $\frac{1}{2}$	3 18	8 00	11 18	
238	"	"	2	538,000	14 $\frac{1}{2}$	74 00	8 00	82 00	
250	W. H. Schwartz	"	$\frac{1}{2}$	168,000	15	25 20	2 00	27 20	
42	Geo. Thompson	"	"	17,000	15	2 55	2 00	4 55	
28	Moirs, Limited	"	2	727,000					Special rate.
344	"	"	$\frac{1}{2}$	228,000					"
194	Halifax Elec. Tram. Co.	Car Barn	1 $\frac{1}{4}$	1,162,000	7 $\frac{1}{2}$	87 15	6 00	93 15	
203	"	Gas Works	6	1,256,000	7 $\frac{1}{2}$	94 20	20 00	114 20	7 mos.
357	"	"	3	6,705,000	7 $\frac{1}{2}$	502 85	10 00	512 87	
65	"	Power Station	4	906,000	7 $\frac{1}{2}$	65 18	15 00	80 18	5 mos.
337	"	"	6	18,373,000	7 $\frac{1}{2}$	1377 97	20 00	1397 77	
8	Ch. of England Institute	Hall or Club	$\frac{1}{2}$	84,000	15	12 60	4 00	16 60	
82	City Club Building	"	"	104,000	15	15 60	4 00	19 60	
149	Freemasons' Hall	"	1	122,000	15	18 30	5 00	23 30	
76	Halifax Club	"	$\frac{3}{4}$	1,127,000	*	154 17	4 00	158 17	*14, 13 $\frac{1}{2}$
78	"	"	$\frac{3}{4}$	215,300	*	29 50	4 00	33 50	*13 $\frac{1}{2}$ , 14
147	Odd Fellows Hall	"	"	47,000	15	7 05	5 00	11 05	
239	St. Joseph's Hall	"	1 $\frac{1}{2}$	24,000	15	3 60	2 00	5 60	
80	St. Mary's Hall	"	1 $\frac{1}{2}$	82,000	15	12 30	4 00	16 30	
10	St. Patrick's Hall	"	"	33,000	15	4 96	4 00	8 96	
186	S. E. L. Tennis Club	"	1 $\frac{1}{2}$	15,000	15	2 25	4 00	6 25	
377	Archie McFatridge	"	"	142,400	15	20 37	2 00	22 37	
89	Y. M. C. A.	"	"	27,000	7	1 89	2 00	3 29	
91	"	"	1						Not in use.
255	Halifax Curling Club	Rink and Club	3	44,000	15	6 60	10 00	16 60	
256	"	"	$\frac{1}{2}$	10,000	15	1 50	2 00	3 50	
209	Halifax Infirmary	Hospital	$\frac{1}{2}$	255,000	7	17 84	2 00	19 84	
304	John Glassey	Hotel	$\frac{1}{2}$	63,000	15	9 45	1 00	10 45	6 mos.
349	Wm. Wilson	"	3	1,284,000	*	175 87	10 00	185 87	*14, 13 $\frac{1}{2}$
189	Deaf & Dumb Institute	Institution	$\frac{3}{4}$	117,000	7	8 19	4 00	12 19	
190	"	"	"	6,000	7	42	4 00	4 42	
81	"	"	1 $\frac{1}{4}$	1,168,000	7	81 76	6 00	87 76	
138	Halifax Dispensary	"	$\frac{1}{2}$	68,000	7	4 76	4 00	8 76	
85	Infants' Home	"	$\frac{1}{2}$	336,000	7	37 52	4 00	41 52	
162	Mon. Good Shepherd	"	1	1,132,000	7	79 24	5 00	84 24	
361	Old Ladies' Home	"	$\frac{1}{2}$	14,400	7	1 01		1 01	

CONSUMPTION AND REVENUE BY METER.—(Continued).

Page.	OWNER.	Class of Premises.	Size of Meter.	Consumption in Gallons.	Water Rate.	Value.	Meter Rental.	Total Amount.	REMARKS.
211	Old Ladies' Home	Institution		688,200	7	48 17	\$ 4 00	\$ 52 17	
214	Protestant Orphanage	"		136,000	7	9 52	4 00	13 52	
128	R. C Orphanage	"	1	523,000	7	36 61	4 00	40 61	
215	Salvation Army Harbor	"		405,600	7	28 39	2 00	30 39	
226	School for the Blind	"		144,000	7	12 66	4 00	16 66	
227	"	"		504,100	7	35 28	2 00	37 28	
225	"	"	1	417,000	7	29 19	5 00	34 19	
365	"	"	1½	1,471,000	7	102 97	6 00	108 97	
213	St. Paul's Almshouse	"		267,000	7	18 69	2 00	20 69	
47	St. Joseph's Orphanage	"		31,250	7	2 37	4 00	6 37	
336	H. G. Ban'd	Laundry		3,845,700	*	380 66	4 00	384 66	*9½, 14
139	"	"	1	647,000	*	77 83	5 00	82 83	*11½, 12½
140	"	"	1	1,555,000	*	183 73	5 00	190 73	*11½, 12½
163	Mon. Good Shepherd	"	2	2,813,000	7	196 91	8 00	204 91	
232	Elizabeth Sutherland	"	1	392,000	*	57 86	5 00	62 86	*15, 14½
116	Max Ungar	"	3	2,612,000	10	261 20	10 00	271 20	
351	"	"	2	2,560,500	10	256 05	8 00	264 05	
178	Rod McDonald	Nursery	1	260,000	15	44 85	5 00	49 85	
77	Pine Hill College	"	½	Not in use.			2 00	2 00	
348	Bank of Montreal	Offices	2	115,000	15	17 25	8 00	25 25	
14	Wm Cunard	"	½	19,800	15	1 79	2 00	3 79	
26	Provincial Government	"	1	1,329,000	*	175 76	5 00	180 76	13½, 13
167	Queen Building	"	¾	499,000	14½	72 35	4 00	76 35	
168	"	"	¾	31,000	14	4 50	2 00	6 50	
183	E. B. Sutcliffe	"	¾	173,600	15	25 95	4 00	29 95	
184	"	"	2	56,000	15	8 40	7 00	15 40	
142	Estate Wm. Annand	Printers	¾	1,349,000	13½	182 11	4 00	186 11	

146	Blackadar Bros	Printers	1	107,000	15	16 05	5 00	21 05	
148	McAlphine Publishing Co.	"	1 1/2	160,000	15	24 10	2 00	26 10	
169	"	"	"	47,000	15	7 05	2 00	9 05	
48	Acadia Sugar Refinery	Refinery	4	58,815,400	7 1/2	4410 41	15 00	4425 41	
242	John Dixon	Aerated Water Fc'ty	1 1/2	20,000	15	3 00	2 00	5 00	
56	W. H. Donovan	"	1 1/2	109,000	15	16 35	4 00	20 35	
72	F. J. Quinn	"	1 1/2	142,000	15	21 30	2 00	23 30	
74	James Roue	"	1 1/2	233,000	15	38 21	5 00	43 21	
73	Whelan & Ferguson	"	1 1/2	58,000	15	8 70	2 00	10 70	
109	Matilda Ainsley	Stables	1 1/2	40,000	15	6 00	2 00	8 00	
108	"	"	"	3,000	15	45	2 00	2 45	6 mos.
174	H. G. Bauld	"	"	12,500	15	1 88	2 00	3 88	
180	W. P. Buckley	"	"	52,150	15	7 82	2 00	9 82	
367	Mon. Good Shepherd	"	"	31,300	7	2 2 1/2	3 34	5 54	
100	Conlon Bros	"	"	2,500	15	38	2 00	2 38	6 mos.
69	Thomas Cox	"	"	82,000	15	12 30	2 00	14 30	
119	H. Dunbrack	"	"	Not in use.					
202	R. E. Gannon	"	"	14,000	15	2 10	2 00	4 10	
131	Halifax Transfer Co.	"	"	23,000	15	3 45	2 00	5 45	
53	W. J. Harvey	"	"	31,000	15	4 65	2 00	6 65	
87	W. H. Isnor	"	"	68,700	15	19 44	2 00	21 44	
122	J. A. Leaman & Co.	"	"	81,250	15	12 19	2 00	14 19	
188	"	"	"	125,000	15	18 75	2 00	20 75	
335	McGrath & Adams	"	"	106,000	15	15 90	2 00	17 90	
333	Miller Bros	"	"	135,000	15	20 30	2 00	22 30	
104	James Nolan	"	"	167,400	15	27 11	2 00	29 11	
117	Estate Jane Olive	"	"	6,000	15	90		90	6 mos.
204	Thomas Robinson	"	"	28,700	15	4 31	2 00	6 31	"
205	"	"	"	117,000	15	17 55	2 00	19 55	
179	Mrs. Clara Spencer	"	"	60,100	15	9 01	2 00	11 01	
125	N. & M. Smith	"	"	108,200	15	16 23	2 00	18 23	
192	H. C. Tully	"	"	C'd not be read					
71	H. W. Wentzell	"	"	26,000	15	3 90	1 00	4 90	6 mos.
280	H. L. Williston	"	"	18,000	15	2 70	2 00	4 70	
175	James M. Allan	Store	1	9,000	15	1 35	5 00	6 35	
99	"	"	3 1/4	100,000	15	15 00	4 00	19 00	
93	H. W. Barnes, Agent	"	1 1/2	27,200	15	4 09	2 00	6 09	
61	J. E. Roy	"	1	309,000	15	45 21	5 00	50 21	

CONSUMPTION AND REVENUE BY METER.—(Continued.)

Page.	OWNER.	Class of Premises.	Size of Meter.	Consumption in Gallons.	Water Rate.	Value.	Meter Rental.	Total Amount.	REMARKS.
129	Collas Whitman & Co....	Wharf .....	1	70,100	c.	\$ 10 52	\$ 5 00	\$ 15 52	
181	Commercial Cable Co.....	" .....	3	1,470,600	*	217 54	10 00	227 54	*13, 13½
88	G. S. Campbell & Co.....	" .....	3	910,500	14½	90 85	10 00	100 85	
16	Wm. Cunard .....	" .....	6	1,502,000	*	198 63	20 00	218 63	*13, 13½
214	Furness, Withy Co.....	" .....	3	643,000	14	91 52	10 00	101 52	[own meter
83	Imperial Government .....	" .....	3	5,477,000	*	524 13	.....	524 13	*9½, 15
303	Lawson Estate .....	" .....	3	701,500	13½	94 70	5 00	99 70	
120	" .....	" .....	½	56,875	15	8 53	2 00	10 53	
66	Plant S. S. Co .....	" .....	3	2,666,300	11½	306 62	10 00	316 62	[4 mos.
334	Joseph Wood .....	" .....	3	2,503,000	*	251 95	10 00	261 95	*10, 15
12	Wm. Cunard .....	Work Shop .....	½	59,000	*	7 72	2 00	9 72	*13, 13½
155	John Pugh Estate .....	" .....	15	38,500	15	5 78	2 00	7 78	3 mos.
145	Estate B. G. Street .....	Dye Works .....	"	154,000	15	23 10	2 00	25 10	
92	J. K. Hubley .....	" .....	"	91,000	15	13 65	2 00	15 65	
84	Ferguson & Cox .....	Foundry .....	"	45,000	15	6 75	4 00	10 75	
58	McDonald & Co.....	" .....	"	121,000	15	18 15	2 00	20 15	
368	Peter Fleming .....	Bar Room .....	"	25,050	15	3 76	2 00	5 76	
366	Halifax Elec Tram. Co. ....	Shop and Office .....	"	118,000	7½	10 87	2 00	12 87	
369	Y. M. C. A. Grounds .....	Field .....	"	7,075	15	98	2 00	2 98	
374	Mrs. M. Dwyer .....	" .....	"	6,250	15	94	2 00	2 94	3½ mos.
376	W. A. Maling & Co .....	Slaughter House .....	1	36,000	15	5 40	3 75	9 15	9 mos.
360	Wm. McFatrige .....	Tenement .....	½	23,800	15	3 57	.....	3 57	
354	Mrs. E. O'Hern .....	" .....	"	87,000	15	13 13	.....	13 13	
358	Archie McFatrige .....	" .....	"	157,550	15	23 59	.....	23 59	
359	" .....	" .....	"	28,200	15	4 23	.....	4 23	
152	Mrs M. Phelan .....	" .....	"	116,300	15	17 45	.....	17 45	
230	Wm. Roach .....	Shop and Store .....	"	24,800	15	4 20	2 00	6 20	



136	Henry McDonald	Shop and Store	1/2	18,800	15	2 82	2 00	4 82
291	C. S. Davies	Shop and dwelling	"	20,000	15	3 00		3 00
185	Phillip Boyle	"	"	31,250	15	4 81		4 81
158	J. A. Hancock	Shop and Store	"	13,000	15	1 95	2 00	3 95
306	T. G. Willimington	Shop and Dwelling	"	12,000	15	1 80		1 80
154	Doull Estate	Office and Dwelling	"	200,000	15	30 00	2 00	32 00
98	E. G. Smith	Dwelling	"	43,000	15	6 45		6 45
102	J. L. Barnstead	"	"	52,000	15	7 80		7 80
106	"	"	"	43,150	15	6 48		6 48
114	T. E. Cook	"	"	19,000	15	2 85		2 85
326	G. L. Murray	"	"	23,500	15	3 54		3 54
327	H. McC. Hart	"	"	44,000	15	6 60		6 60
39	"	"	"	23,000	15	3 45		3 45
325	Mrs. C. E. Seaman	"	"	24,800	15	3 72		3 72
233	H. S. Freeman	"	"	27,000	15	4 05		5 05
223	W. H. Fulton	"	"	90,000	15	13 50		13 50
17	J. A. Hall	"	"	66,000	15	10 00		10 00
218	George Wright	"	"	21,000	15	3 15		3 15
219	"	"	"	69,000	15	10 35		10 35
123	T. J. Cahill	"	"	82,000	15	12 30		12 30
121	Mrs. F. Fry	"	"	17,000	15	2 55		2 55
222	Miss J. Creighton	"	"	6,000	15	90		90
220	Miss E. Borden	"	"	7,000	15	1 05		1 05
221	Mrs. M. Hamilton	"	"	15,300	15	2 30		2 30
301	Robert Horton	"	"	20,000	15	3 00		3 00
11	Mrs. J. Smith	"	"	26,631	15	4 00		4 00
229	Mrs. A. E. McDonald	"	"	35,000	15	5 25		5 25
5	W. M. P. Webster	"	"	38,000	15	5 79		5 70
7	"	"	"	18,000	15	2 70		2 70
3	A. R. Butler	"	"	26,000	15	3 90		3 90
228	E. Gibson	"	"	30,000	15	4 50		4 50
258	Alex. Urquhart	"	"	120,000	15	15 30		15 30
63	Wm. Ware	"	"	45,800	15	6 87		6 87
210	Mrs. A. Parsons	"	"	23,000	15	3 45		3 45
320	Samuel Brown	"	"	12,500	15	1 88		1 88
300	C. A. Baker	"	"	14,000	15	2 10		2 10
111	J. F. Edwards	"	"	27,000	15	4 05		4 05
319	James Baker	"	"	13,000	15	1 95		1 95

CONSUMPTION AND REVENUE BY METER.—(Continued.)

Page.	OWNER.	Class of Premises.	Size of Meter.	Consumption in Gallons.	Water Rate.	Value.	Meter Rental.	Total Amount.	REMARKS.
317	W. J. Cooke	Dwelling	1/2	5,000	15	\$ 75		\$ 75	
316	Wm. O. Connell	"	1/2	11,000	15	1 65		1 65	
318	R. W. Dunsworth	"	"	9,990	15	1 49		1 49	
321	James Hutt	"	"	16,000	15	2 40		2 40	
330	M. Morrison	"	"	4,000	15	60		60	
331	Wm. Robinson	"	"	4,300	15	65		65	
329	James Kelly	"	"	6,172	15	93		93	
235	Andrew Hubley	"	"	45,400	15	6 80		6 80	
234	"	"	"	34,350	15	5 15		5 15	
284	"	"	"	61,000	15	9 15		9 15	
236	"	"	"	46,000	15	6 90		6 90	
282	Mrs. C. O. Keefe	"	"	18,700	15	2 81		2 81	
288	S. Bonnell	"	"	15,175	15	2 28		2 28	
281	W. E. Crowe	"	"	12,000	15	1 80		1 80	
299	W. H. Francis	"	"	12,000	15	1 80		1 80	
291	H. L. Wallace	"	"	20,000	15	3 00		3 00	
305	George Verdi	"	"	31,000	15	4 65		4 65	
264	W. H. Cawsey	"	"	10,000	15	1 35		1 35	
176	"	"	"	46,800	15	7 02		7 02	
130	Patrick Gray	"	"	7,500	15	1 12		1 12	
137	Arthur Lovett	"	"	19,300	15	2 90		2 90	
272	Wm. Mackinlay	"	"	9,000	15	1 35		1 35	
268	N. Slaughterwhite	"	"	16,000	15	2 40		2 40	
296	W. B. Freeman	"	"	37,000	15	5 55		5 55	
199	Miss Nolan	"	"	14,300	15	2 15		2 15	
285	Joseph Whitman	"	"	13,000	15	1 95		1 95	
302	W. J. Delaney	"	"	21,200	15	3 04		3 04	

346	C. A. Hawkins	Dwelling	14,000	15	2 10	2 10
324	E. J. Goudge	"	5,000	15	75	75
160	Joseph Cashen	"	5 625	15	84	84
161	"	"	108,250	15	16 24	16 24
60	F. W. W. Doane	"	43,000	15	6 45	6 45
297	W. H. Cawsey	"	38,300	15	5 75	5 75
266	J. M. DeWolfe	"	14,000	15	2 10	2 10
267	W. A. Heisler	"	39,000	15	5 85	5 85
343	W. R. Innis	"	14,250	15	2 13	2 13
271	Dr. Fitch	"	75,000	15	11 70	11 70
273	James Isnor	"	26,000	15	3 90	3 90
274	Francis Selig	"	51,000	15	7 65	7 65
35	A. M. Harrivel	"	22,000	15	3 30	3 30
275	"	"	21,000	15	3 00	3 00
249	"	"	22,000	15	3 30	3 30
33	"	"	43,800	15	6 73	6 73
276	"	"	22,000	15	3 30	3 30
277	"	"	22,000	15	3 30	3 30
278	J. W. Allan	"	14,000	15	2 10	2 10
287	W. H. Isuor	"	35,100	15	6 29	6 29
96	Eastern Trust Co.	"	11,800	15	1 77	1 77
289	J. J. Donnolly	"	2,669	15	40	40
290	A. J. Sullivan	"	22,000	15	3 30	3 30
19	Mrs. E. Hoare	"	14,000	15	2 10	2 10
292	Frank Eden	"	195,000	15	29 25	29 25
293	M. D. Logan	"	100,500	15	17 18	17 18
294	Mrs. M. Road	"	26,000	15	3 90	3 90
298	H. R. Silver	"	28,000	15	4 20	4 20
303	A. H. McCaughin	"	19,000	15	2 85	2 85
48	James McLean	"	21,400	15	3 06	3 06
118	L. E. Nickerson	"	174,400	15	25 71	25 71
115	John Connolly	"	133,000	15	19 95	19 95
112	"	"	123,000	15	18 45	18 45
200	Sergt. Major Grant	"	20,000	15	3 00	3 00
91	Mrs. A. Boutlier	"	33,750	15	5 06	5 06
107	Mrs. S. Scallion	"	10,050	15	1 46	1 46
124	Herbert Gammon	"	7,475	15	1 12	1 12
313	John Phelan	"	4,000	15	60	60

CONSUMPTION AND REVENUE BY METER.—(Continued.)

Page.	OWNER.	Class of Premises.	Size of Meter.	Consumption in Gallons.	Water Rate.	Value.	Meter Rental.	Total Amount.	REMARKS.
314	Mrs. M. Muldowney	Dwelling	c.	4,975	15	1 03		\$ 1 03	
312	Mrs. M. Davey	"	"	15,000	15	2 25		2 25	
4	John Davison	"	"	97,500	15	14 57		14 57	
127	Joseph DeYoung	"	"	23,000	15	3 45		3 45	
57	Wm. Forbes	"	"	12,500	15	1 88		1 88	
23	Grove Church Manse	"	"	25,000	15	3 75		3 75	
29	Miss H. Phelan	"	"	4,200	15	63		63	
27	George Harvey	"	"	16,900	15	2 54		2 54	
25	Graham Creighton	"	"	16,875	15	2 53		2 53	
21	Miss E. M. Connell	"	"	231,000	15	34 65		34 65	
164	Mrs. A. Hessian	"	"	7,300	15	1 80		1 80	
165	G. P. Henry	"	"	21,800	15	3 28		3 28	
55	J. W. Smeltzer	"	"	8,175	15	1 22		1 22	
259	Dr. H. S. Jacques	"	"	114,700	15	17 21		17 21	
310	John Butler	"	"	5,000	15	75		75	
309	George Tanner	"	"	15,000	15	1 25		1 25	
59	A. H. Shephard	"	"	140,000	15	20 50		20 50	
311	Wm. Kennedy	"	"	12,000	15	1 80		1 80	
201	H. W. Bayer	"	"	8,000	15	1 20		1 20	
156	J. J. O. Donnell	"	"	114,000	15	17 10		17 10	
263	Mrs. M. King	"	"	9,000	15	1 35		1 35	
262	"	"	"	8,000	15	1 20		1 20	
260	"	"	"	7,300	15	1 10		1 10	
261	"	"	"	81,300	15	16 37		16 37	
206	Hon. D. MacKeen	"	"	285,000	15	42 75		42 75	
173	Ben. Gladwin	"	"	12,000	15	1 80		1 80	
13	J. M. Davison	"	"	109,300	15	16 40		16 40	



15	J. M. Davison	Dwelling	$\frac{1}{2}$	122,000	15	18 30	18 30	
241	B. F. Pearson	"	"	30,100	15	4 52	4 52	
265	W. J. Kirby	"	"	157,750	15	23 67	23 67	
103	Charles Carmichael	"	"	19,900	15	2 99	2 99	
51	E. J. Horne	"	"	25,050	15	4 40	4 40	
323	Samuel Grant	"	"	18,000	15	2 70	2 70	
75	D. A. Storey	"	"	26,000	15	3 90	3 90	
286	Alfred Whitman	"	"	50,000	15	7 50	7 50	
288	Joseph Foley	"	"	28,000	15	4 20	4 20	
67	Ritchie & Menger	"	"	21,000	15	3 15	3 15	
363	H. A. Langille	"	"	90,000	15	13 50	13 50	
356	Ewen Morrison	"	"	38,000	15	5 81	5 81	
370	H. McC. Hart	"	"	25,000	15	3 76	3 76	11 mos.
371	"	"	"	68,000	15	10 28	10 28	11 mos.
372	"	"	"	12,500	15	1 88	1 88	6 mos.
373	"	"	"	25,050	15	3 76	3 76	6 mos.
375	H. L. Palmer	"	"	12,500	15	1 88	1 88	6 mos.
380	W. J. Harvey	"	"	6,700	15	1 00	1 00	6 mos.
381	A. A. Thompson	"	"	25,000	15	3 75	3 75	6 mos.
382	Alfred Whitman	"	"	3,300	15	95	95	4 mos.
383	Thomas Doyle	"	"	3,100	15	47	47	4 mos.
384	Thomas Deer	"	"	C'd not be read				4 mos.
385	Doull Estate	"	"	25,000	15	3 75	3 75	4 mos.
386	W. A. Davies	"	"	1,300	15	20	20	3 mos.
390	T. P. Johnston	"	"	6,000	15	90	90	3 mos.
391	R. S. Theakston	"	"	2,100	15	32	32	3 mos.
...	Mrs. M. Garrity	"	"	800	15	12	12	2 mos.
41	A. Mitchell	"	"	37,500	15	13 50	13 50	
328	Mrs. M. Dwyer	"	1	82,500	15	12 37	12 37	
193	Mrs. K. Robinson	"	$\frac{1}{2}$	88,000	15	15 20	15 20	

### Scale of Rates for Annual Rental of Meters.

(Adopted by Board of Works, June, 1892.)

For	$\frac{1}{2}$ inch Meters	.....	\$ 2 00
"	"	.....	3 00
"	"	.....	4 00
"	"	.....	5 00
"	$1\frac{1}{4}$	.....	6 00
"	$1\frac{1}{2}$	.....	7 00
"	2	.....	8 00
"	3	.....	10 00
"	4	.....	15 00
"	6	.....	20 00

(For Meters of larger size ten per cent. on the cost of Meter and setting the same )

RESOLUTION OF CITY COUNCIL, April 20th, 1898.—“No rental shall be charged for Meter on premises where water is used for household purposes only.

### Schedule of Water Rates.

(Adopted by Council, Oct. 27th, 1896.)

1000 gallons daily or under	.....	15 cents per 1000 gallons.
1000	to 2000	14 $\frac{1}{2}$ " "
2000	to 3000	14 " "
3000	to 4000	13 $\frac{1}{2}$ " "
4000	to 5000	13 " "
5000	to 6000	12 $\frac{1}{2}$ " "
6000	to 7000	12 " "
7000	to 8000	11 $\frac{1}{2}$ " "
8000	to 9000	11 " "
9000	to 10000	10 $\frac{1}{2}$ " "
10000	to 20000	10 " "
20000	to 30000	9 $\frac{1}{2}$ " "
30000	to 40000	9 " "
40000	to 50000	8 $\frac{1}{2}$ " "
50000	to 60000	8 " "
60000	or upwards	7 $\frac{1}{2}$ " "
Educational and Charitable Institutions	.....	7 " "

LOCATION.		
Street.	From.	To.
Birmingham .....	127 feet north of Morris.....	Morris.....
Gottingen .....	Falkland .....	Cornwallis .....
Lumber Yard .....	Hollis .....	Mean Low Tide .....
		Total .....

LOCATION.			CONCRETE.			CAST IRON PIPE.		CROCK PIPE.					
Street.	From.	To.	No. of ft. of 12" x 18" at 54c. per ft.	No. of ft. of 14" x 21" at 71c. per ft.	Cost.	No. of feet of 15' pipe at \$3.00.		Straight.		Slants.		T's.	
								No. of ft. of 9" at 21c.	Cost.	No. of 6" at 16c.	No. of 9" at 58c.		Cost.
Birmingham .....	127 ft. N. of Morris.	Morris .....		162.	\$115 02					3		\$0 48	
Gottingen .....	Falkland .....	Cornwallis .....	382	47' 5"	240 01			8	\$1 68	21		3 36	1
Lumber Yard .....	Hollis .....	Mean Low Tide .....		326' 6"	231 82	126	\$378 00	3	63	4	2	1 80	
		Total.....	382	535' 6"	\$586 85	126	\$378 00	11	\$2 31	28	2	\$5 64	1

SEWERS CONSTRUCTED IN 1904.

	LENGTH.			Manholes.	Drain Connections.	Catchpits.	Average depth in feet.	Average depth of soil in feet.	COST OF WORK.			COST PER LINEAL FOOT.			Sewerage rates at \$1.25 per lineal ft. frontage.	FOREMAN.
	Lineal feet 12' x 18" Con-crete.	Lineal feet 14' x 21" Con-crete	Lineal feet 15 in. C. I. Pipe.						Labor and Truckage.	Material.	Total.	Labor and Truckage.	Material.	Total.		
.....	382'	162'	.....	2	3	.....	8.25	8.25	\$ 457 93	\$ 206 07	\$ 664 00	\$2 82	\$1 27	\$4 09	.....	Colin MacGillivray. Colin MacGillivray. Colin MacGillivray and Jas. Downie.
.....	.....	47' 5"	.....	4	21	.....	11.0	2.0	3025 96	595 34	3621 30	7 04	1 39	8 43	\$1017 85	
.....	.....	326' 6"	126'	3	6	.....	7.0	7.0	663 86	728 85	1392 71	1 46	1 61	3 07	.....	
.....	382'	535' 11"	126'	9	30	.....	.....	.....	\$4147 75	\$1530 26	\$5678 01	\$3 97	\$1 46	\$5 44	\$1017 85	

DETAILED COST OF SEWERS BUILT IN 1904.

MANHOLES.			DYNAMITE.		ELECTRIC FUSE.		BRICKS.		CEMENT.		SAND.		GRAVEL.		COAL.		WOOD.		KEROSENE OIL.		STONE.		BRUSH.		COST OF SEWER.							
Covers.	Tops.		Steps.		No. of lbs. at 25c.		No. at 2 1/2c.		No. at \$9.00 per M.		No. of bbls. at \$2.25		No. of bush. at 5 1/2c.		No. of bush. at 5 1/2c.		No. of bush. at 20c.		No. of cords at \$4.50		No. of gals. at 20 1/2c.		No. of lineal feet of granite at 43c.		No. of bundles at 15c.		Lumber and Tools.	Material.	Labor.	Truckage.	Total.	
No. at \$2.80.	Cost.	No. at \$5.25.	Cost.	No. at 14c.	Cost.	No. of lbs. at 25c.	Cost.	No. at 2 1/2c.	Cost.	No. at \$9.00 per M.	Cost.	No. of bbls. at \$2.25	Cost.	No. of bush. at 5 1/2c.	Cost.	No. of bush. at 5 1/2c.	Cost.	No. of bush. at 20c.	Cost.	No. of cords at \$4.50	Cost.	No. of gals. at 20 1/2c.	Cost.	No. of lineal feet of granite at 43c.	Cost.	No. of bundles at 15c.	Cost.	Lumber and Tools.	Material.	Labor.	Truckage.	Total.
2	\$ 5 60	2	\$10 50	10	\$1 40	25	\$6 25	100	\$ 2 50	2850	\$ 25 65	7	\$15 75	59	\$3 25	.....	.....	2	\$0 40	.....	.....	2 1/2	\$0 52	.....	.....	65	\$ 9 75	\$ 9 00	\$206 07	\$ 420 72	\$ 37 21	\$ 664 00
4	11 20	4	21 00	16	2 24	365	91 25	650	16 25	7900	71 10	18	40 50	149	8 20	15	\$0 83	66	13 20	1/2	\$2 25	12 1/2	2 46	17' 2"	\$7 35	239	35 85	26 00	595 34	2793 25	232 71	3621 30
3	8 43	3	15 75	10	1 40	.....	.....	.....	.....	3700	33 30	14	31 50	58	2 32	63	2 52	.....	.....	.....	.....	2	41	.....	.....	.....	.....	21 00	728 85	596 20	67 66	1392 71
9	\$25 20	9	\$47 25	36	\$5 04	390	\$97 50	750	\$18 75	14450	\$130 05	39	\$87 75	266	\$13 77	78	\$3 35	68	\$13 60	1/2	\$2 25	16 1/2	\$3 39	17' 2"	\$7.35	304	\$45 60	\$56 00	\$1530 26	\$3810 17	\$337 58	\$5678 01



1900

1901

1902

1903

1904

1905

1906

1907

1908

1909

1910

1911

1912

1913

1914

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Concrete Gutters Built 1904

STREET FOREMAN'S REPORT.

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CITY HALL, HALIFAX,  
May 1st, 1905.

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

SIR,—I beg to report in the accompanying statements, cost of work performed and materials used in 1904-05.

Respectfully submitted,

JOHN McDONALD  
*Foreman of Streets and Sewers.*

## Concrete Catchpits Built, 1904.

STREET.	Side of Street.	LOCATION.	Number. Size of Inlet.	FOREMAN.	REMARKS.
North .....	N. W.	Lockman .....	17 in.	Downie .....	New top only.
Fenwick .....	S.	Bet. Queen & Lucknow..	17 in.	Meagher .....	"
Hollis .....	E.	Fawson .....	17 in.	Downie .....	"
Sackville .....	N.	Albemarle .....	17 in.	" .....	"
Brunswick .....	E.	Sackville .....	17 in.	" .....	"
Sackville .....	S.	Engineer's Bar., east gate	17 in.	" .....	"
Hollis .....	S. W.	Sackville .....	17 in.	" .....	"
Gottingen .....	N. W.	Falkland .....	17 in.	" .....	"
" .....	N. E.	" .....	17 in.	" .....	"
Cornwallis .....	S. W.	Gottingen .....	17 in.	" .....	"
Hastings .....	E.	Spring Garden Road .....	17 in.	" .....	"
" .....	W.	" .....	17 in.	" .....	"
Buckingham .....	N.	Granville .....	17 in.	" .....	"
Young Ave. .....	E.	Clarence .....	17 in.	" .....	"
" .....	E.	Bet. Owen & Atlantic ..	17 in.	" .....	"
" .....	E.	" .....	17 in.	" .....	"
Fenwick .....	N.	" .....	1 .....	Meagher .....	Stone Pit .....

## Cost.

E. Meagher's work .....	\$ 74 26
J. Downie's work .....	646 49
	\$720 75

## Granite Curb and Gutter.

STREET.	Side.	From.	To.	Straight Curb.	Corner Curb.	Straight Gutter.	Corner Gutter.	Cost.	FOREMAN.	REMARKS.
St. Paul's Hill	S.	Argyle .....	Barrington.	.....	.....	143' 0"	16' 0"	\$152 12	Downie	Curb reset.
Hollis	W.	218 .....	220 .....	4' 4"	.....	.....	.....	25 22	"	Curb & Gutter reset.
Barrington	E.	33 .....	39 .....	7' 8"	.....	.....	.....	45 99	"	"
Hollis	W.	188 .....	190 .....	60' 6"	.....	.....	.....	84 49	"	Gutter reset.
"	E.	1 .....	North .....	4' 6"	.....	203' 3"	17' 2"	195 87	"	Curb reset.
Sp. Garden Rd.	S.	Birmingham	East .....	.....	.....	57' 0"	18' 0"	.....	McGillivray.	
Sackville	N.	Albemarle ..	Brunswick } North .....	44' 6"	.....	287' 8"	31' 11"	320 33*	Downie	"
Brunswick	E.	Sackville ..	150 .....	.....	.....	.....	19' 0"	38 96	"	"
Hollis	E.	146 .....	150 .....	.....	.....	.....	.....	.....	"	"
Gottingen	W.	Falkland ...	Cornwallis } " .....	433' 5"	35' 0"	438' 5"	35' 0"	1306 12†	"	"
"	E.	" .....	" .....	10' 8"	3' 3"	419' 10"	3' 3"	.....	"	"
Granville	W.	Buckingham.	North .....	3' 4"	15' 9"	24' 4"	13' 9"	88 30	"	Reset.

\*Additional cost of grading or resurfacing \$175 25

†Additional cost of grading or resurfacing \$224.42.



## Granite Crossings.

STREET.	AT.	Remarks.	Length.	Foreman.
Gottingen ....	Opp. People's Bank .....	Single....	25' 6"	McGillivray.
West .....	King's Lane .....	" .....	28' 3"	"
Uniacke .....	Brunswick .....	" .....	35' 0"	"
Hastings .....	Spring Garden Road .....	Double $\frac{1}{2}$ ..	37' 0"	"

## Cobble Gutters.

Duncan Street.....Side Windsor Street, West, Foreman Burley, 510 ft., \$166.25.

## Sodding Sidewalks.

South Park Street.....308.56 sq. yards cost \$49.02, (16c.)

## APPENDIX.

### Contracts, 1904-05.

#### WATER WORKS.

CONTRACTOR.	DESCRIPTION.	Quantity.	Rate.	Total.	Remarks.
Douglas & Co. . . . .	Special castings . . . . .		.02 $\frac{1}{2}$ .02 $\frac{1}{2}$ .02 $\frac{1}{2}$ .02 .01 $\frac{1}{2}$		Schedule rate.
D. Y. Stewart & Co. . . . .	15" x 9' S. & F. c. i. water pipe . . .	135 ft. }	37.00 ton	\$353 72	} Duty \$74.97.
	12" x 9' . . . . .	19120 lbs } 108 ft. } 8994 lbs }		166 39	
Neptune Meter Co. . . . .	$\frac{3}{4}$ " meters . . . . .	25	12.00	300 00	} Not including duty.
	$\frac{3}{4}$ " couplings . . . . .	25	.50	12 50	
	1" couplings . . . . .	25	.75	18 75	
	1" meters . . . . .	25	16.00	400 00	
	2" meters . . . . .	12	50.00	600 00	
Thos. Beggs & Son . . . . .	4" meters . . . . .	8	71.71	573 68	All charges paid.
	3" meters . . . . .	12	53.46	641 52	" "
T. H. Renner . . . . .	Diver rebuilding wall settling pond. .	22 days	18.00	396 00	

#### FLOATING BATHS.

T. P. Mulcahy . . . . .	Coopering casks . . . . .			\$ 45 00
	Large casks . . . . .		\$1 50	
	Small casks . . . . .		1 00	

TEAMS AND STABLES.

H. McFatridge	Veterinary services	14 horses	4.00	\$56 00	
J. F. Kelley	Double harness			50 00	
W. D. Yeaton	Removal of manure			14 00	For privilege.

SEWERS.

Acadia Powder Co.	Explosives--Dynamite		.25		
	Detonators		.45		
	Fuse hanks 25 ft		.12 $\frac{1}{2}$		
	Electric fuse 4 ft		.02 $\frac{1}{2}$		
Poor House	Concrete per cu. ft.		.05		
Jas. Freda	Salt water sand		.03 $\frac{1}{2}$		
	Fresh water sand		.04 $\frac{1}{2}$		
	Gravel		.03 $\frac{1}{2}$		
	Pebbles		.06		
Black Bros. & Co	White Bros., cement, 425 lbs. gross	200000 lbs.	.56 $\frac{1}{2}$		

STREETS.

W. D. Yeaton	Granite--Straight curb		.65		
	Corner curb		.69		
	Corner gutter		.44		
	Straight gutter		.64		
	Straight catchpit curb		6.00		
	Corner catchpit curb		6.00		
	Square manhole top		5.00		
	Round manhole top		6.00		
	Coal hole top		5.00		
	Hatch curb		.40		
Carritte, Patterson Mfg. Co.	Refined tar	1723 gals.	.13		11 $\frac{1}{2}$ lbs. to gal.
	Petroleum residuum	164 $\frac{1}{2}$ "	.16		4 bbls.
Poor Association	Breaking stone	11699 bus			
J. W. Hamilton	Stone	11699 "	.01 7-10	198 86	
City Prison	Hand broken stone		.03 $\frac{1}{2}$		
A. J. Nicholson	Stone for crushing	34624 "	.02 $\frac{1}{2}$	865 60	
Warren Bituminous Paving Company	Bitulithic	2870 yds.	2.60		

CONTRACTS 1904-05—(Continued.)

INTERNAL HEALTH.

CONTRACTOR.	DESCRIPTION.	Quantity.	Rate.	Total.	Remarks.
W. N. Brown .....	Wheels—Sprinkler .....	4	.....	\$ 50 00	
	Ash cart .....	4	.....	42 00	
Geo. Heaman .....	Studebaker sprinklers.....	4	75.00 each .....	300 00	
Wm. Parsons .....	Teams for sprinkler .....	1	3.70 per day .....	.....	
Geo. Harvey .....	“ “ .....	1	3.90 “ .....	.....	
Robinson Bros. ....	“ “ .....	1	3.95 “ .....	.....	
Thos. L. Spelman .....	Stable .....	.....	5.00 per month.....	35 00	

MISCELLANEOUS.

Brookfield Bros .....	Lumber .....	.....	.....	.....	Schedule rates.
Geo. E. Smith & Co. ....	Hardware .....	.....	.....	.....	“
W. McFatrige .....	Old iron .....	.....	10.25	.....	“
S. Cunard & Co. ....	Coal—Hard, Egg, City Hall.....	140 tons	6.65 ton 2000 lbs	.....	
	Sydney, “ .....	5 ch.	6.75 ch. 3000 lbs	.....	
	Reserve, “ .....	5 “	6.25	.....	
	Inverness, “ .....	5 “	6.25	.....	
	Inverness, Stable & Workshop	7 “	6.75	.....	
	Reserve, “ .....	7 “	6.75	.....	
	Sydney, “ .....	7 “	7.25	.....	
	Acadia, Roller .....	50 “	7.25	.....	
	“ Drill .....	10 “	7.25	.....	
	“ Nut, Crusher .....	50 tons	4.55 ton 2240 lbs	.....	
	Albion, Slack, Blacksmith .....	12 “	5.00 ton	.....	
M. S. Brown & Co. ....	Installation Tower Clock, City Hall.	.....	.....	348 00	Schedule pole line Chain Lake to Spruce Hill Lake to be maintained by City.
N. S. Telephone Co. ....	Telephones .....	.....	.....	.....	



**Certificate of Cost of Brick Sidewalks Constructed under the Provisions of Sections 9 and 10 of Chapter 45 of the Acts of 1902, during the year 1904.**

Number.	PROPERTY OWNER.	Area of brick sidewalk in front of property.	Cost of brick sidewalk per square yard.	Total cost of laying sidewalk in front of property.	Amount to be charged to the property owner one-half cost.
<b>CAMPBELL ROAD, East sidewalk between Young St. and Hanover St. (Ordered August 24th, 1904.)</b>					
.....	C. Upham .....	39.71	\$0 81	\$34 80	\$17 40
<b>HOLLIS STREET, East sidewalk from Fawson Street Northwardly. (Ordered June 9th, 1904.)</b>					
.....	Mrs. B. Hamilton Smythe, John Y. Payzant, Agent .....	183.38	\$0 25	\$46 00	\$23 00

I hereby certify the foregoing statement to be correct.

F. W. W. DOANE, *City Engineer.*

CITY ENGINEER'S OFFICE, Sept. 30th, 1905.

**Certificate of Cost of Cement Concrete Sidewalks Constructed under the Provisions of Sections 9 and 10 of Chapter 45 of the Acts of 1902, during the Year 1904.**

Number.	PROPERTY OWNER	Area of concrete sidewalk in front of property in sq. yds.	Cost of laying concrete per. sq. yd.	Cost of laying concrete in front of property.	Cost of grading, resetting, narrowing, filling up hatches, coal holes, &c.	Total cost of laying sidewalk in front of property.	Amount to be charged to the property owner, one-half cost.
<b>LOCKMAN STREET, West Sidewalk, from North Street Northwardly, and NORTH ST., North Sidewalk, from Lockman Street Westwardly. (Ordered July 7th, 1904).</b>							
.....	William Wilson .....	234.23	\$1 83	\$428 64	\$3 10	\$431 74	\$215 87
<b>HOLLIS STREET, West Sidewalk, between Duke Street and Water Street. (Ordered June 9th, 1904).</b>							
218 } 220 }	A. M. Bell .....	31.25	\$1 94	\$60 81	.....	\$60 81	\$30 41
<b>HOLLIS STREET, West Sidewalk, between Duke Street and George Street.</b>							
... .	Bank of Nova Scotia.....	63.89	\$1 95	\$119 88	\$8 11	\$127 99	\$64 00
<b>HOLLIS STREET, West Sidewalk, from Sackville Street Southwardly. (Ordered July 7th, 1904).</b>							
146	Joseph A. Clarke .....	24.29	\$1 99	\$48 29	\$5 05	\$53 34	\$26 87
150	DeCosmos Smith .....	25.15	1 99	50 00	2 71	52 71	26 36

CERTIFICATE OF COST OF CEMENT CONCRETE SIDEWALKS.—(Continued).

Number.	PROPERTY OWNER.	Area of concrete sidewalk in front of property in sq. yds.	Cost of laying concrete per sq. yd.	Cost of laying concrete in front of property.	Cost of grading, resetting, narrowing, filling up hatches, coal holes, &c.	Total cost of laying sidewalk in front of property.	Amount to be charged to the property owner, one-half cost.
GRANVILLE STREET, West Sidewalk, from Buckingham Street to Water Street.							
180-2	James M. Allen .....	42.20	\$2 10	\$88 66	\$ 3 19	\$91 85	\$45 93
184-6	W. Y. Kennedy .....	34.22	2 10	71 89	25 72	97 61	48 81
BARRINGTON STREET, East Sidewalk, between Sackville Street and Blowers Street (Ordered June 9th, 1904.							
33	Mrs. Mary MacAlpine .....	20.76	\$1 65	\$34 25	\$2 22	\$36 47	\$18 24
35	Miss E. Conway .....	27.57	1 65	45 49	2 22	47 71	23 86
37	Mrs. M. A. Morrissey .....	21.11	1 65	34 83	2 22	37 05	18 53
39	W. R. & J. A. Scriven .....	19.80	1 65	32 67	2 22	34 89	17 45

I hereby certify the foregoing statement to be correct.

CITY ENGINEER'S OFFICE, October 10th, 1905.

F. W. W. DOANE, *City Engineer.*

Certificate of Cost of Asphalt Sidewalks Constructed under the Provisions of Sections 9 and 10  
of Chapter 45 of the Acts of 1902, during the Year 1904.

Number.	PROPERTY OWNER.	Area of asphalt sidewalk in front of property in sq. yds.	COST OF ASPHALT SIDEWALK, PER SQ. YD.			Total cost of laying sidewalk in front of property.	Amt. to be charged to the property owner, (one-half cost.)
			Asphalt.	Grading.	Total.		

SOUTH PARK STREET, East Sidewalk, from Victoria Road to South Street. (Ordered June 11th, 1903)

.....	Mrs. Margaret Stubbing.....	126.53	\$0 41	\$0 11	\$0 52	\$65 79	\$32 90
.....	Frank Doull, Executor John Doull.....	20.67	41	11	52	10 74	5 37
31	Mrs. Bessie Colwell.....	28.77	41	11	52	14 96	7 48
37	W. R. Graham.....	111.53	41	11	52	57 99	29 00
39	J. A. McDonald.....	34.68	41	11	52	18 03	9 02
41	D. R. Clarke.....	35.88	41	11	52	18 65	9 33
43	Mrs. Mary Ann Hawes.....	36.62	41	11	52	19 04	9 52
45	Wm. Walsh.....	46.00	41	11	52	23 92	11 96
49	George E. Faulkner.....	75.58	41	11	52	39 30	19 65
51	Wm. Ross.....	25.03	41	11	52	13 01	6 51
53	James C. Jones.....	26.07	41	11	52	13 55	6 78
73	George A. Woodill.....	27.00	41	11	52	14 04	7 02
81	C. E. Young.....	52.87	41	11	52	27 49	13 75
83	Mrs. E. Drake.....	32.10	41	11	52	16 69	8 35
85	Mrs. Minnie Delaney.....	34.85	41	11	52	18 12	9 06
.....	R. T. MacIreith.....	77.52	41	11	52	40 31	20 16



CERTIFICATE OF COST OF ASPHALT SIDEWALKS CONSTRUCTED.—(Continued.)

Number.	PROPERTY OWNER.	Area of asphalt sidewalk in front of property.	COST OF ASPHALT SIDEWALK, PER. SQ. YD.			Total cost of laying sidewalk in front of property.	Amt. to be charged to the property owner, (one-half cost.)
			Asphalt.	Grading.	Total.		

**HOLLIS STREET, East Sidewalk, from Fawson Street Southwardly, and FAWSON STREET, South Sidewalk, from Hollis Street Eastwardly. (Ordered September 22nd, 1903, and August 25th, 1904.)**

.....	Devisee of James Thomson .....	31.00	\$0 47	\$0 10	\$0 57	\$17 67	\$ 8 84
.....	A. B. Crosby .....	75.00	47	10	57	42 75	21 38
7	E. P. Meagher .....	23.60	47	10	57	13 45	6 73
5	Mrs. Ellen Oxley .....	35.17	47	10	57	20 04	10 02
.....	R. Wright .....	32.00	47	10	57	18 24	9 12

**ST. PAUL'S STREET, South Sidewalk, from Barrington Street to Argyle Street. (Ordered June 11th, 1903)**

.....	St. Paul's Church .....	201.19	\$0 35	\$0 10	\$0 45	\$141 58	\$70 79
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**SACKVILLE STREET, North Sidewalk, from Albemarle Street to Brunswick Street, and BRUNSWICK STREET, East Sidewalk, from Sackville Street Northwardly. (Ordered April 30th, 1903.)**

.....	Board of School Commissioners ..	294.48	\$0 38	\$0 07	\$0 45	\$131 80	\$65 90
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I hereby certify the foregoing statement to be correct.

CITY ENGINEER'S OFFICE, October 10th, 1905.

F. W. W. DOANE, *City Engineer.*

## Number and Location of New Street Lights Installed during 1904-1905.

(Continuation of Table on page 184 Annual Report, 1903-1904.)

### 2000 CANDLE POWER ARC LAMPS.

No.	Date In- stalled.	STREET.	LOCATION.
	1904.		
302	May 2	Chebucto Road.....	At the corner of Beech St.
303	" 7	Pepperell Street.....	
304	" 20	South Street.....	N. side between Pleasant & Church Sts.
	1905.		
305	Jan 17	Windsor Street.....	Opposite Summit.
306	" 17	Hollis Street.....	At the corner of George St.
307	" 18	Quinpool Road.....	Opposite Monastery of Good Shepherd.
308	April 15	Oxford Street.....	At the corner of Oak St.
309	" 15	Young Street.....	At the corner of Albert St.
310	" 18	West Street.....	Opposite James St.
311	" 18	North Street.....	At the N. W. corner of Creighton St.

No. of 2000 C. P. Arc Lamps in use April 30th, 1904. .... 301

No. of 50 C. P. Bernstein Lamps in use April 30th, 1904..... 4

Total number of Street Lamps in use April 30th, 1904... 305

No. of 2000 C. P. Arc Lamps installed during 1904-1905..... 10

Total No. of Street Lamps in use on April 30th, 1905 ..... 315

Number and Location of New Street Lights Installed during 1904-1905  
 1904-1905  
 1904-1905

Licensed Master Plumbers. 30th April, 1905.

NAME.	PLACE OF BUSINESS.
Craig, W. S. ....	316 Upper Water St.
Crump & Perrier .....	23-29 Barrington St.
Day & Kinsman .....	72 Cornwallis St.
Donovan & Brennan .....	39 Upper Water St.
Elford, H. H. ....	14 Jacob St.
Farquhar Bros. ....	16 Barrington St.
Hill, C. P. ....	191 Brunswick St.
Hoben, C. R. & Co. ....	152-4 Granville St.
Kinsman, R. T. ....	44 Argyle St.
Longard Bros. ....	213 Hollis St.
Macdonald, & Co. ....	162-172 Barrington St.
McFtridge, John .....	139 Argyle St.
Magnus & Lownds. ....	165 Lower Water St.
Myers, J. E. ....	90 Gottingen St.
Naylor, J. B. & Sons. ....	22 Spring Garden Road.
Wooten G. A. & Co. ....	50 Barrington St.



City Property under Lease, 1904-05.

No. of agreement City Engineer's Office.	LOCATION.	To Whom Leased.	Date of Lease.	Rental.	REMARKS.
630	Acadia Street, Encroachment	S. E. Lawn Tennis club	June 12, 1903	\$1.00 per ann	
649	Argyle Street, Hatch at No. 29.	Frank Reardon	April 12, 1904	.48 "	
636	" " " 43.	Simon Fraser	May 2, 1901	.57 "	
637	Barrington Street " 15.	J. E. Roy	April 1, 1901	.48 "	
644	" " " 100-102	H. W. Cameron	May 19, 1902	.42 "	
647	" " " 140-142	Imperial Publishing Co	July 12, 1902	.42 "	
634	" " " 247	Kenny & Co.	Aug. 27, 1900	1.00 "	
603	Bauer Street Encroachment, No. 16	Isabel Zwicker	Sept 20, 1899	1.00 "	Payable 1st October.
638	Bedford Row Hatch, at No. 25-27	T W. P. Flinn, trustee	June 4, 1901	.48 "	
641	Brunswick Street " 17	P. Lowrie	Nov. 5, 1901	.86 "	
642	" " " 77	Clara M. Spencer	March 3, 1902	.60 "	
461	Campbell Rd., Railway Siding to Imperial Oil Company's Property	Imperial Oil Co., Ltd.	April 20, 1900	1.00 "	Agreement published in an. report, 1899-00
556	Charles Street, Encroachment	Thos. Ritchie	July 15, 1902	.25 "	do. do. 1902-03
556	" " "	Jno. Johnson, Sr.	" 15, 1902	.25 "	do. do. 1902-03
629	Coburg Rd., float & shed on Arm at foot of	Adam Mahar	April 25, 1904	5.00 "	For 5 years.
472	College Street, Encroachment	Diocesan Synod	May 31, 1902	1.00 "	
572	Cunard Street, " at No. 137.	Isaac Sallis	Nov. 1, 1885	1.00 "	
470	Dalhousie College, Drainage rights	Govs. Dal. College	" 1, 1886	1.00 "	
523	Duffus Street, Encroachment	R. B. Moxon	Dec. 16, 1885	.25 "	
.....	" " "	Thos. J. Moxon	" 16, 1885	.25 "	
522	" " "	George H. Eisenhauer	" 16, 1885	.25 "	
.....	" " "	J. F. Walker	June 26, 1875	4.00 "	
653	Dundonald St., Encroachment, at No. 9.	E. M. Creighton	Aug. 3, 1903	.25 "	
651	Fenwick Street, Hatches at No.	W. Walsh	" 6, 1903	.25 "	
477	Fenwick St., Encroachment on Sewerage lot	Harlan Fulton	Nov. 1, 1884	5.00 "	[Office.
.....	Ferry Dock	Dartmouth Ferry Co.	April 1, 1890	800.00 "	Original in C. Clerk's



639	Granville St., Hatches at No. 108.....	J. J. Stewart & W. Dennis.....	Feb. 18, 1901	57.20	per ann	
646	Gottingen Street, " 78.....	Peoples Bk. of Halifax	June 25, 1902	2.19	"	
635	" " " 106.....	G. Verdi.....	April 1, 1901	.48	"	
632	" " " 201.....	Edward Coolen .. .	May 13, 1900	.25	"	
502	Hastings Street, North of Doyle Street..	Wm. Jakeman .....	Jan. 11, 1895	2.00	"	
640	Hollis Street, Hatches at No. 39 .....	Fraser Bros.....	Oct. 23, 1901	.48	"	
.....	Hollis St, Encroachment, Halifax Hotel.	H. Hesselin & Sons..	.....	1.00	"	Payable 1st May.
652	" " " at No. 44.....	James Dwyer .....	Aug. 3, 1903	.25	"	
726	" " " 90.....	Bank of Nova Scotia.	Sept. 27, 1904	1.00	"	Published in annual re- port 1904-05.
549	Inglis Street, Cellar Vaults.....	B. O'Neil.....	Feb. 28, 1871	£0 1 0	"	1 year.
606	Kempton Road, City lot.....	W. A. Maling.....	May 1, 1904	\$45.00	"	
526	Lockman Street Encroachment.....	Caleb Heisler.....	Aug. 25, 1900	.25	"	
517	Morris Street Encroachment at No. 99..	Jas. Morrow.....	Nov. 13, 1884	1.00	"	Payable 1st December.
436	Morris Street Right of Ingress and Egress East of Water Street .....	Geo. P. Black.....	Nov. 25, 1875	5.00	"	3 months notice.
484	Morris Street, public landing foot of....	Alex. Grant.....	Aug. 1, 1890	1.00	"	25 years.
.....	Market Wharf, boat house on .....	Geo. Liston .....	Oct. 1, 1884	5.00	"	
.....	" " " .....	Thomas Stone.....	Oct. 1, 1884	5.00	"	
431	North St., Encroachment cor. Lockman St.	Wm. A. Adams.....	Aug. 24, 1899	1.00	"	Payable 1st Sept.
628	Pleasant Street, Right of Drainage .....	Rufus D. Bayers .....	June 27, 1903	.50	"	
727	Pleasant St., Encroachment at No. 156..	Wm. M. Cameron .....	July 18, 1904	.25	"	Published in annual re- port 1904-05.
562	Prince Arthur St., Encroachment on East side between Quinpool Rd. & Norwood St.	Robt. Pickford .....	Nov. 27, 1890	1.00	"	
680	Robie Street Encroachment .....	T. J. Doran.....	April 10, 1879	.25	"	
597	Salter Street, lot east of Water Street..	John Taylor Wood ..	May 18, 1875	1.00	"	3 months notice.
607	South St., float & shed on Arm at foot of.	Wm. Robinson.....	May 1, 1903	1.00	"	Published in annual re- port 1902-03.
512	Spruce Hill Lake, Encroachment at the Middle Dam .....	Archibald Kidston..	May 13, 1899	.....	"	Published in annual report 1899-1900.
513	Spruce Hill Lake Encroachment at Narrows	" .....	Aug. 27, 1900	.....	"	Published 1900-01.
605	Tower Road, Old Exhibition Building ..	Harshaw B. Clark... ..	June 14, 1904	1557.00	"	
598	Wanderer's Grounds .....	W. A. A. C.....	May 1, 1896	100.00	"	20 years.
485	Water Street, Cellar Vaults .....	J. F. Avery.....	Oct. 1, 1863	£0 0 1	"	
648	Water St., (Lower) Hatches at No. 156..	Peter C. Fleming... ..	Nov. 17, 1902	\$ .48	"	
643	" (Upper) " 71..	Furness, Withy Co..	June 4, 1902	5.00	"	
.....	" (Lower) " 177..	T. J. Egan .....	Jan. 4, 1905	.48	"	
535	Young St., Railway Siding to Exhibition Grounds .. ..	Exhibition Com & Min Railways & Canals.	Nov. 20, 1897	.....	"	Published in annual re- port 1897-98.

## Halifax Electric Tramway Company, Ltd.

### EMERGENCY PERMIT.

Permission is hereby granted to the HALIFAX ELECTRIC TRAMWAY COMPANY, LTD., to excavate and open any street or sidewalk in the City of Halifax for the purpose of laying, extending, repairing, examining or renewing their pipes and fittings, subject to the following conditions:—

1. This permit shall have no force or effect until the said Company agrees to all the conditions contained herein.

2. This permit shall expire whenever the Company refuses or neglects to comply with any condition contained herein or instructions which the City Engineer may give from time to time with reference to the manner of performing the work contemplated herein.

3. The said Company shall on the first day of each month file a return in the City Engineer's office shewing in detail the location and extent of all new mains, service pipes, stop-cocks and traps laid during the preceding month.

4. The Company shall, on the first day of each week, file a return showing the location of all excavations made by their employees during the preceding week.

5. If any paved street or concrete or other permanent sidewalk is broken up or excavated by the said Company, the City Engineer shall be notified at once, and no material so excavated or broken up shall be replaced, except in the presence of the City Engineer or his authorized representative, and the pavement and foundation or concrete and foundation, as the case may be, shall be relaid by the City Engineer at the expense of the said Company.

6. The surface of the roadway must in all cases be picked off to the full depth of the road metal, and such material must be preserved by itself, and all excavated material shall be replaced as nearly as possible in the condition in which it was found.

7. In opening any street or public way all materials for paving or ballasting must be removed with the least possible injury or loss of same, and together with the excavated materials from the trenches must be placed where they will cause the least practicable inconvenience to the public. Back-filling to be well rammed to prevent the slightest settling.

8. The dimensions and extent of openings must be no greater than is absolutely necessary to carry out the work.

9. The Company shall not obstruct the gutter of any street but shall use all proper measures to provide for the free passage of water along gutters.

10. The operations of the Company must not obstruct the traffic on any street or sidewalk, or block up the entrance to any property or premises.

11. The Company shall take all necessary precautions to protect the public against accidents during their operation on the street, and shall furnish and maintain to the satisfaction of the City Engineer all temporary fencing, bridging, lighting and watching which may be necessary in his opinion, and shall place or maintain during the night from dusk to daylight, a sufficient number of lights on or near the work as a warning to the public.

12. The Company must be responsible for all loss, expense or damage of any nature whatever, which may happen to persons or property during the performance of or in consequence of the work embraced in this permit, and in the event for suits for damages through accidents shall indemnify and save harmless the City.

13. The whole work of opening and re-filling is to be done to the satisfaction of the City Engineer, and re-surfacing is to be done in such manner that after-settlement will be prevented as far as possible.

14. The Company shall be responsible for after-settlement and the satisfactory condition of the street or sidewalk surface over and

along the trench wherever opened, for a period of six months after the work contemplated under this permit is finished, and the said Company shall be responsible for any accident that occurs on account of the defective condition of such surface.

15. Should the Company neglect or refuse to restore the street surface properly and to a safe and satisfactory condition (of which the City Engineer shall be the judge) the said Engineer may with or without further notice perform, or do whatever in his judgment may be necessary or expedient, in order to complete the work or to restore it to a satisfactory condition and the entire cost shall be borne and paid by the said Halifax Electric Tramway Company, Limited.

16. This permit may be cancelled at any time by notice in writing to the Halifax Electric Tramway Company, Limited, from the City Engineer, and after the leaving of such notice at the office of the Company this permit shall expire.

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

*City Engineer.*

Halifax, N. S., December 15th, 1904.

All the conditions contained in the foregoing permit are hereby agreed to.

HALIFAX ELECTRIC TRAMWAY CO., LTD.

*Per JAS. W. CROSBY, Manager.*

Halifax, N. S., December 19th, 1904.

### Certificate No. 7.

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

Beginning at a point on Granville Street near to and south of Buckingham Street; thence south along Granville Street to a point on Granville Street near to and north of George Street; being all



the double track and turnout constructed on the above named street by the Halifax Electric Tramway Company, Limited, under the permit of the City Council of the City of Halifax, N. S., granted November 10th, 1904, have been constructed to my satisfaction.

Dated at Halifax this 15th day of December, A. D., 1904.

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

I, Adam B. Crosby, Mayor of the City of Halifax, do hereby approve of the above certificate.

Dated at Halifax this 15th day of December, A. D., 1904.

(Sgd.) A. B. CROSBY, *Mayor.*

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## AGREEMENTS.

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THIS AGREEMENT, made this twenty-seventh day of September in the year of Our Lord one thousand nine hundred and four, between the City of Halifax, hereinafter called "The City," of the one part, and the Bank of Nova Scotia, hereinafter called "The Bank," of the other part.

WITNESSETH, That the said Bank having applied to the said City for permission to maintain an encroachment on the street known as Hollis Street the said encroachment being hereinafter more particularly described, the said City has consented to grant such permission on the terms and in manner following, to which both parties hereto agree, namely :

1. The said encroachment shall consist of the stone step in front of the doorway on the west side of Hollis Street at Number 190, the said step extending out into the street for a distance of twenty-four inches and measuring along the street a distance of ninety-one inches the said step or said encroachment to be maintained by the said Bank under the supervision and to the entire satisfaction of the City Engineer of the City of Halifax for the time being at the entire cost of the said Bank.



2. The said Bank acknowledges that such permission exists by leave only of the said City and not by any other right or title whatsoever.

3. The said Bank shall be liable for any accident of whatever nature which shall or may occur to any person, property or thing by reason of the construction, use or maintenance of the said encroachment and the said Bank shall save harmless the said City or any of its officials from all suits, damages, costs or expenses which may be incurred by reason of the existence of the said encroachment.

4. The Bank shall pay to the said City the sum of one dollar (\$1.00) per annum during the continuance of the encroachment, the first payment to be made on or before the first day of October, 1904, and in the succeeding years of this Agreement the rental to be paid on or before the first day of May in each and every year.

5. This Agreement may be terminated at any time by the said City by a notice in writing signed by the City Engineer for the time being for the City of Halifax and left at the Bank premises and immediately upon such notice being so given the permission hereinbefore granted shall be deemed to be withdrawn without payment of any compensation to the Bank who shall thereupon forthwith proceed at their own cost and to the satisfaction of the City Engineer to remove the said encroachment and make the street good to the satisfaction of the said City Engineer. And in case the Bank shall fail or neglect within one calendar month from the giving of such notice to remove the said encroachment and to make good the surface of the street as aforesaid the said City Engineer may at the expense in all respects of the Bank remove the said encroachment and make good the street and all costs and expenses incurred in such removal and work shall on demand be paid by the Bank.

IN WITNESS WHEREOF, The Parties hereto have hereunto their hands and seals subscribed and set the day and year first above mentioned.

Signed, sealed and delivered } (Sgd.) JOHN Y. PAYZANT,  
in presence of } *President.*

(Sgd.) H. A. FLEMMING, A. B. CROSBY,  
As to signature of J. Y. PAYZANT. *Mayor.*

(Sgd.) H. W. JOHNSTON, L. FRED. MONAGHAN,  
Witness to signature of A. B. CROSBY. *City Clerk.*

THIS AGREEMENT, made and entered into this eighteenth day of July 1904 between the City of Halifax, of the one part, and William M. Cameron, of the other part ;

WITNESSETH, That the City of Halifax in consideration of the rents and provisos hereinafter contained hereby agrees to let to the said William M. Cameron the following lot :—Beginning at the intersection of the north side line of Tobin Street in the City of Halifax with the west side line of Pleasant Street, thence northwardly along the said west side line of Pleasant Street to the south side line of South Street, thence eastwardly by the said south line of South Street for a distance of three feet seven inches, thence southwardly by a line parallel to the west side line of Pleasant Street until it reaches the prolongation of the said north line of Tobin Street, thence westwardly by the said last mentioned line three feet seven inches to the place of beginning, for the term of one year from the first day of May next and so on from year to year, but subject to the conditions and terminable in the manner hereinafter mentioned, paying therefor the sum of twenty-five cents on the first day of May in each year free from all deduction.

AND IN CONSIDERATION THEREOF The said William M. Cameron doth hereby agree to lease said property on the terms mentioned and to pay the said rent hereby reserved according to the terms of this Agreement unto the City of Halifax so long as said encroachment remains

AND IT IS AGREED by and between the parties hereto that this Agreement shall terminate and that the said obstruction and encroachment shall be removed after one month's written notice to that effect and also on payment to the City of Halifax of all rent and proportion of rent which may be due, said notice to be given by the City Engineer of the City of Halifax.

IN WITNESS WHEREOF, The City of Halifax hath hereby affixed its corporate seal and the other party his hand and seal on the day and year first above written.

Signed, sealed and delivered,

in the presence of :

(Sgd.) L. E. NICKERSON.

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

(Sgd.) A. B. CROSBY,

Mayor.

" L. FRED MONAGHAN,

City Clerk.

" WM. M. CAMERON.

Witness to signatures of Mayor and City Clerk.