

VALVES.

Number.	Size Inches.	DESCRIPTION.	Weight of One—lbs.	Total Weight lbs.	Value.	Total Value.
1	12	Regulating Valve.....				\$206 66
1	6	“ “.....				103 33
4	15	Stop Valves.....			\$60 00	240 00
2	12	“ “.....			40 00	80 00
10	9	“ “.....			25 77	257 70
2	6	“ “.....			15 17	30 34
19	4	“ “.....			9 98	189 62
5	3	“ “.....			10 00	50 00
1	1	Service Cocks.....				2 50
6	4	“ “.....			2 00	12 00
36	1	“ “.....			1 50	54 00
4	15	Gun Metal Screws (Spindles).....	28	112	2 60	67 20
5	9	“ “.....	14	70	60	42 00
13	6	“ “.....	9	117	60	70 20
12	4	“ “.....	6	72	60	43 20
6	3	“ “.....	5	30	60	18 00
127	....					\$1466 75

MISCELLANEOUS.

Number.	DESCRIPTION.	Value of each.	Total Value.
3	Fire Hydrants old Style, single nozzle 2½ inch.....	\$13 00	\$ 39 00
1	Pipe Tapping Machine.....		127 60
1	5 H. P. Steam Engine and Pump.....		625 00
1	4 H. P. Gas Engine.....		475 50
3	Derreck Winches.....	7 00	21 00
2	Hand Winches.....	8 00	16 00
2	Platform Scales.....	25 00	50 00
.....	Tape Packing for Meters.....		85 00
.....	Blacksmith's tools.....		100 00
3	Lathes.....		200 00
5	Pressure Gauges.....	10 00	50 00
			\$1789 10

RECAPITULATION.

DESCRIPTION,	No. of Pieces.	No. of Pounds.	Value.
Pipes		216980	\$ 4700 30
Specials			3052 52
Joint Staves	15400		172 50
Meters	421		10761 83
Valves	127		1466 75
Miscellaneous			1789 10
			<u>\$21943 00</u>

FREE DOMESTIC SUPPLY HYDRANTS, 1898.

STREET.	LOCATION.
Preston	West end Cedar Street.
Bland	S. E. corner Inglis Street.

RENTED HYDRANTS.

STREET.	LOCATION.
Cedar	N. E. corner Louisburg Street.
Wellington	S. W. corner Lundy Lane.
Hunter	S. E. corner Charles Street.
Duncan	North Side.
Preston	S. W. corner Jubilee Road.
"	" Quinpool Road.
Tower Road	At Fay's Lane.
Pepperel	S. W. corner Louisburg Street.

FREE PUMPS MAINTAINED BY CITY, 1898.

No.	LOCATION.
1	Leahyville.
1	Lady Hammond Road.
1	Kempt Road.
1	Acadia Street.
1	Oak Street.
1	Duffus Street.
2	Campbell Road.

HYDRAULIC HOISTS IN OPERATION, 1898.

NAME.	Business.	Size of Service.	How Rated.
Kenny & Co.....	Dry Goods.....	4 inch.....	Meter.
Murdoch's Nephews.....	".....	4 ".....	"
Post Office.....	Post Office.....	3 ".....	"
Appraiser's Office.....	Warehouse.....	3 ".....	"
G. M. Smith & Co.....	Dry Goods.....	4 ".....	"
Smith Bros.....	".....	3 ".....	"
Wm. Stairs, Son & Morrow.....	Hardware.....	4 ".....	"

MOTORS.

St. Luke's Church.....	Organ.....	3 ".....	Meter.
Brunswick St. Church, (Methodist).....	".....	2 ".....	Indicator.

SERVICE PIPES LAID IN 1898.

Number.	Name of Owner or Agent.	Location of Premises	No of Stopcock.	Size of Pipe.	Purpose for which water is used.
1	J. G. Crump	W. side Tower Road	6225	1 1/2	Dwelling
2	J. H. Blakley	S. side Charles	6226	"	"
3	John Dixon	S. side Quinpool Road	6227	"	Soda Works
4	J. S. Hub'ey	W. side Agricola	6228	"	Dwelling
5	"	W. side "	6229	"	"
6	Joseph Farley	N. side West	6230	"	"
7	Wm. McKinlay	E. side Windsor	6231	"	"
8	W. E. Hebb	E. side Edward	6232	"	"
9	Robt. D. Taylor	S. side Coburg Road	6233	"	"
10	D. Faulkner	E. side Seymour	6234	"	"
11	J. H. Corrigan	W. side Starr	6235	"	Stable
12	E. McClure	N. side South	6236	"	Dwelling
13	Mrs. M. McKinnon	W. side Argyle	6237	"	"
14	W. H. Huggins	E. side Tower Road	6238	"	"
15	John Taylor	W. side Birmingham	6239	"	"
16	E. M. Saunders	W. side Windsor	6240	"	"
17	E. M. Studd	W. "	6241	"	"
18	A. E. Craig	N. side Charles	6242	"	"
19	H. F. Burton	N. side Duncan	6243	"	"
20	J. E. Roy	E. side Barrington	6244	1	Shops
21	"	W. side Granville	6245	1	"
22	"	W. "	6246	3/4	"
23	"	E. side Barrington	6247	1/2	"
24	J. M. Scott	S. side Coburg Road	6248	1/2	Dwelling
25	John McLeod	S. side Duncan	6249	"	"
26	John Morgau	N. side Black	6250	"	"
27	T. E. Gibson	N. side South	6251	"	"
28	T. E. Gibson	N. side South	6252	"	Dwelling
29	Geo. Thomson	W. side Robie	6253	"	"
30	N. H. Oakes	W. side Maynard	6254	"	"
31	E. Matheson	N. side Black	6255	"	"
32	John Thornton	E. side Preston	6256	"	"
33	Wm. Walker	N. side Quinpool Road	6257	"	"
34	C. W. Hayward	W. side Windsor	6258	"	"
35	Mrs. Joseph Hunter	N. side North	6259	"	"
36	H. M. Evans	N. "	6260	"	"
37	U. T. Dowden	N. "	6261	"	"
38	E. J. Rose	N. "	6262	"	"
39	C. S. Longueil	N. "	6263	"	"
40	George Dowden	N. "	6264	"	"
41	M. H. Richards	N. "	6265	"	"

SERVICE PIPES LAID—(Continued.)

Number.	Name of Owner or Agent.	Location of Premises.	No. of Stopcocks.	Size of Pipe.	Purpose for which water is used.
42	A. E. Gunning	W. side Windsor	6266	1	Dwelling.
43	Rev. Dean Gilpin	W. side Maynard	6267	"	"
44	J. W. Grant	N. side Shirley	6268	"	"
45	Wm. Sutherland	E. side Edward	6269	"	"
46	Giles Kennedy	W. side "	6270	"	"
47	George Lowe	E. side Oakland	6271	"	"
48	Wm. King	S. side Fenwick	6272	"	"
49	John Brodie	E. side Oakland	6273	"	"
50	M. McGill	N. side Richmond	6274	"	"
51	Catherine Parks	N. side Duffus	6275	"	"
52	Walker Myra	W. side Union	6276	"	"
53	A. G. Fader	W. side Maynard	6277	"	"
54	Wm. J. Harvey	S. side W. Harvey	6278	"	"
55	"	S. side "	6279	"	Barn.
56	"	S. side "	6280	"	Dwelling.
57	Robert Theakston	N. side W. Young	6281	"	"
58	"	N. side "	6282	"	"
59	F. Greenough	S. side Laundry Street	6283	"	"
60	E. Westlaver	" "	6284	"	"
61	J. N. McEmon	" "	6285	"	"
62	"	" "	6286	"	"
63	Rev. John McMillan	E. side Hollis	6287	1	Turkish Baths.
64	Geo. H. Bennett	W. side LeMarchant	6288	$\frac{1}{2}$	Dwelling.
65	Alex. Fraser	S. side Charles	6289	"	"
66	Caroline Paul	"	6290	"	"
67	Fred Coleman	N. "	6291	"	"
68	J. W. Smith	"	6292	"	"
69	Wm. Cave	S. "	6293	"	"
70	John Johnston	N. "	6294	"	"
71	Wm. Bishop	S. "	6295	"	"
72	H. C. Garrison	"	6296	"	"
73	Walter Hartling	"	6297	"	"
74	S. C. McDonald	"	6298	"	"
75	Isaac C. Stele	"	6299	"	"
76	E. Callahan	E. side Barrington	6300	"	Dwelling & Shop.
77	J. J. Mahar	E. side Maynard	6301	"	Dwelling.
78	Wm. D. Cameron	W. side Walnut	6302	"	"
79	Richard Broussard	E. side Clifton	6303	"	"
80	Geo. Perry	S. side North	6304	"	"
81	C. H. Smith	W. side Clifton	6305	"	"
82	Robert Lockyer	"	6306	"	"
83	E. D. Smith	"	6307	"	"
84	E. S. Manning	"	6308	"	"
85	Alex. Collier	"	6309	"	"
86	David Brown	E. "	6310	"	"

SERVICE PIPES LAID—(Continued)

Number.	Name of Owner or Agent.	Location of Premises.	No of Stopcocks.	Size of Pipe.	Purpose for which water is used.
87	Richard King	E. side Clifton	6311	1 1/2	Dwelling
88	"	E. side "	6312	"	"
89	M. Bowler	E. side "	6313	"	"
90	John Ryan	E. side "	6314	"	"
91	J. A. Wilson	E. side "	6315	"	"
92	Alex. Collier	W. side "	6316	"	"
93	Henry Slade	W. side "	6317	"	"
94	Patk. Malone	E. side "	6318	"	"
95	D. M. Reid	W. side Agricola	6319	"	"
96	A. Balcom	N. side Duncan	6320	"	"
97	Cunningham & Curren	N. side O'Connor's Wharf.	6321	"	"
98	Thos. A. Webb	S. side Willow	6322	"	"
99	M. Nickerson	S. side "	6323	"	"
100	E. Maxwell	N. side Quinpool Road	6324	"	"
101	"	N. side "	6325	"	"
102	Minnie Nye	E. side Windsor	6326	"	"
103	Wm. Watt	W. side Robie	6327	"	"
104	"	W. side "	6328	"	"
105	W. H. Isnor	S. side Harris	6329	"	"
106	Johnston McKinlay	E. side Windsor	6330	"	"
107	John Davison	E. side Robie	6331	"	Stables
108	Geo. Wright	S. side Bilby	6332	"	Dwelling
109	Jas. McDonald	N. side North	6333	"	"
110	R. P. Proctor	W. side Gottingen	6334	"	"
111	A. Wright	W. side Brunswick	6335	"	"
112	Jas. Dawson	W. side Dresden Row	6336	"	"
113	Mary Anderson	S. side South	6337	"	"
114	Chas. Hill	S. side Russell	6338	"	"
115	A. Gunn & Co.	E. side Campbell Road	6339	"	"
116	W. C. Moir	S. side Jubilee Road	6340	"	"
117	T. F. Courtney	N. side Jacob	6341	"	Stables
118	D. R. Reid	S. side Gerish	6342	"	Dwelling
119	Bessie Morrison	N. side Black	6343	"	"
120	L. S. Dodsworth	S. side "	6344	"	"
121	F. Smeardon	W. side Kempt Road	6345	"	"
122	Daniel Dowling	E. side Edward	6346	"	"
123	Henderson & Potts	N. side Young	6347	"	"
124	"	N. side "	6348	"	"
125	Richard Walsh	E. side Maitland	6349	"	"
126	John Stewart	S. side South	6350	"	"
127	Hugh Hollingsworth	E. side Clifton	6351	"	"
128	Jessie Noonan	N. side Sullivan	6352	"	"
129	E. A. O'Sullivan	E. side Lockman	6353	"	"
130	A. Frizzle	W. side Robie	6354	"	"

SERVICE PIPES LAID—(Continued.)

Number.	Name of Owner or Agent.	Location of Premises.	No. of Stopcocks.	Size of Pipe.	Purpose for which water is used.
131	J. Tupper	S. side Harvey	6355	1/2	Dwelling.
132	J. H. Bennett	E. side Wellington	6356	"	"
133	Robert Irwin	E. side Windsor	6357	"	"
134	John Elford	N. side Bloomfield	6358	"	"
135	E. F. Knowlan	E. side Campbell Road	6359	"	"
136	E. F. Knowlan	"	6360	"	"
137	Clement Hand	W. side Chestnut	6361	"	"
138	Clement Hand	"	6362	"	"
139	J. K. Munnis	E. side Barrington	6363	"	Shop.
140	S. E. Campbell	E. side Gerrish Lane	6364	"	Stables.
141	Susan Lewis	N. side Charles	6365	"	Dwelling.
142	Susan Lewis	"	6366	"	"
143	Mary Mulkern	S. side South	6367	"	"
144	Albert Burbridge	S. side Summit	6368	"	"
145	Cyrus Burbridge	"	6369	"	"
146	Thomas Ibson	"	6370	"	"
147	John J. Clancey	N. "	6371	"	"
148	J. K. Munnis	E. side Barrington	6372	"	Shop & Dwelling.
149	James White	E. side Campbell Road	6373	"	Dwelling.
150	John Appleton	"	6374	"	"
151	George McKerron	S. side Gerrish	6375	"	Shop & Dwelling.
152	Carl Palm	W. side Robie	6376	"	Dwelling.
153	H. D. Durlap	S. side Quinpool Road	6377	"	"
154	Wm. Murray	W. side Creighton	6378	"	"
155	Annie LeBlanc	N. side Jubilee Road	6379	"	Shop & Dwelling.
156	Thomas Haverstock	W. side Robie	6380	"	Dwelling.
157	Thomas Haverstock	"	6381	"	"
158	Wm. McNutt	E. side Brenton	6382	"	Shop.
159	Thos. Robinson	S. side Macara	6383	"	Dwelling.
160	Thos. Robinson	"	6384	"	"
161	T. E. Gibson	S. side South	6385	"	"
162	T. N. Baker	W. side Lucknow	6386	"	"
163	J. A. Gass	E. "	6387	"	"
164	J. A. Gass	"	6388	"	"
165	J. A. Gass	"	6389	"	Barn & Dwelling.
166	A. H. Buckley	W. side Dresden Row	6390	"	Shop.
167	J. J. Skerry	W. side Albert	6391	"	Barn.
168	Robt. Love	N. side Welsford	6392	"	Dwelling.
169	Frederick Ward	N. side Miller	6393	"	"
170	A. G. Wood	W. side Queen	6394	"	"
171	Archy King	E. side Clifton	6395	"	"
172	James Fenerty	N. side Lawrence	6396	"	"
173	G. E. Mann	S. side Gerrish	6397	"	"

SERVICE PIPES LAID—(Continued.)

Number.	Name of Owner or Agent.	Location of Premises.	No. of Stopcocks.	Size of Pipe.	Purpose for which water is used.
174	Walter Busch.....	E. side Creighton	6398	1	Dwelling.
175	Walter Busch.....	"	6399	2	"
176	Halifax Coal Co.....	N. side Commercial Wharf.	6400	"	Stables.
177	Exhibition Commission....	S. side Young	6401	"	Horse Stables.
178	Exhibition Commission....	"	6402	"	Cattle Sheds.
179	Exhibition Commission....	"	6403	"	"
180	Dominion Government	N. side Johns Lane	6404	"	Armoury.
181	Dominion Government	"	6405	"	"
182	Dominion Government	"	6406	1	"
183	Dominion Government	S. side Cunard	6407	1	"

CURB STOPCOCKS PUT DOWN IN 1898.

No.	Street.	Distance from House or line of street.	Distance N., E., S. or W.
47	Barrington	To house	9ft 3in N of S Cor. 16ft 3in
49	Barrington	To house	9ft 2in S of S Cor. No 47 21ft 5in
55	Barrington	To house	9ft 2in S of N Cor. 23ft. 0in
211	Barrington	To house	9ft 6in N of S Cor. 7ft 6in
215	Barrington	To house	9ft 5in S of N Cor. 9ft 3in
219	Barrington	To house	9ft 2in S of N Cor. 9ft 6in
221	Barrington	To house	9ft 10in S of N Cor. stable 1' 3"
227	Barrington	To house	9ft 5in S of N Cor. 16ft 0 in
229	Barrington	To house	9ft 4in N of S Cor. 1ft 5in
233	Barrington	To house	9ft 2in S of N Cor. 9ft 10in
235	Barrington	To house	9ft 4in N of S Cor. 14ft 7in
277	Barrington	To house	7ft 10in S of N Cor. 44 ft 3in
287	Barrington	To house	9ft 10 in S of N Cor. 9ft 7in
289	Barrington	To house	10ft 9in N of S Cor. 9ft 2in
301	Barrington	To house	8ft 11in N of S Cor. 11ft 0in
303	Barrington	To house	10ft 2in S of N Cor. 12ft 0in
305	Barrington	To house	9ft 3in N of S Cor. 12ft 2in
307	Barrington	To house	9ft 0in S of N Cor. 9ft 0in
313	Barrington	To house	9ft 1in S of N Cor. 20ft 2 in
317	Barrington	To house	9ft 2in S of N Cor. 12ft 6in
319	Barrington	To house	8ft 10in N of S Cor. 21ft 8in
321	Barrington	To house	9ft 3in N of S Cor. 6ft 3in
323	Barrington	To house	9ft 4in S of N Cor. 14ft 4in
333	Barrington	To house	11ft 6in S of N Cor. 26ft 3in
337	Barrington	To house	10ft 8in N of S Cor. 10ft 4in
339	Barrington	To house	10ft 8in S of N Cor. 3ft 6in
343	Barrington	To house	10ft 7in S of N Cor. 2ft 6in
345	Barrington	To house	10ft 7in S of N Cor. 11ft 0in
347	Barrington	To Line st	11ft 7in N of N Cor. 11ft 10in
361	Barrington	To house	9ft 11in N of S Cor. 11ft 10in
365	Barrington	Line St.	8ft 9in S of N Cor. 9ft 8in
371	Barrington	To house	8ft 9in N of S Cor. 2ft 4in
377	Barrington	To gate	8ft 10in S of S Cor. 4ft 4in
385	Barrington	To house	9ft 3in N of S Cor. 0ft 6in
387	Barrington	To hall	10ft 2in N of S Cor. 1ft 6in
393	Barrington	To house	9ft 0in S of N Cor. 8ft 6in.
413	Barrington	To house	8ft 9in S of N Cor. 8ft 8in
417	Barrington	To house	9ft 2in N of S Cor. 19ft
429	Barrington		10in.
431	Barrington	To house	9ft 2in N of S Cor. 22ft
421	Barrington		2in.
425	Barrington	To house	8ft 3in E of W Cor. 1ft 0in
1	Blowers	To house	8ft 3in W of E Cor. 1ft 0in
5	Blowers	To house	7ft 7in E of W Cor. 1ft 0in
11	Blowers	To house	7ft 4in W of E Cor. 5ft 4in
13	Blowers	To house	7ft 6in W of E Cor. 3ft 6in
17	Blowers	To house	7ft 4in E of W Cor. 5ft 6in
25	Blowers	To house	7ft 0in in line W side hall door
29	Blowers	To house	7ft 4in E of W Cor. 17ft 5in
35	Blowers	To house	6ft 10in E of W Cor. 9ft 0in
1	Argyle and Blowers	To buildg	9ft 4in E of W Cor. 22ft 2in
4	Buckingham	To buildg	8ft 4in E of W Cor. 8ft 7in
19	Duke	To house	13ft 9in N of S Cor. 17ft 9in
4	Gottingen	To house	9ft 8in S of N Cor. 10ft 4in
6	Gottingen	To house	9ft 8in S of N Cor. 10ft 4in

CURB STOPCOCKS PUT DOWN IN 1898 (continued.)

No.	Street.	Distance from House or line of street.	Distance N., E., S. or W.
8	Gottingen	} To house 18ft 7in S of N Cor. 20ft 10in.	
10	Gottingen		
12	Gottingen		
14	Gottingen	} To house 19ft 10in S of N Cor. 19ft 8in.	
16	Gottingen		
18	Gottingen	} To house 19ft 3in S of N Cor. 4ft 0in To house 19ft 5in S of N Cor. 21ft 5in.	
20	Gottingen		
22	Gottingen	} To line St. 9ft 8in S of S Cor. No 24 6ft 10in To house 19ft 9in S of N Cor. 12ft 4in.	
24	Gottingen		
129	Granville	} To house 9ft 3in S of N Cor. 17ft 4in To house 9ft 9in S of N Cor. 20 ft 5in.	
131	Granville		
133	Granville	} To house 10ft 0in N of S Cor. 14ft 8in To house 4in N of S Cor. 9ft 7in	
135	Granville		
137	Granville	} To house 9ft 6in S of N Cor. 11ft 2in To house 9ft 3in S of N Cor. 7ft 3in	
139	Granville		
147	Granville	} To house 9ft 6in N of S Cor. 6ft 3in To granite step 8ft 5in E of W Cor. 8ft 7in	
151	Granville		
1	Inglis	} To house 8ft 3in, Centre of house. To house 14ft 10in W of E Cor. 10ft 0in	
3	Inglis		
5	Inglis	} To house 19ft 3in Centre of house. Centre hall door, 18ft 2in	
7	Inglis		
9	Inglis	} To house 14ft 8in, Centre of house. To house 14ft E of W Cor. 24ft 0 in.	
11	Inglis		
13	Inglis	} To house 9ft 8in W of E Cor. 9ft 8in To house 9ft 9in E of W Cor. 10ft 0in	
15	Inglis		
17	Inglis	} To gate 19ft 0in E of E Cor. 2ft 0in. To house 9 ft 3in. E of W Cor. 5ft 0in	
19	Inglis		
21	Inglis	} To house 10ft 9in W of E Cor. 2ft 8in To house 11ft 3in E of W Cor. 3ft 10in	
23	Inglis		
25	Inglis	} To house 11ft 3in W of E Cor. 2ft 6in To house 11ft 2in E of W Cor. 5ft 2in	
27	Inglis		
31	Inglis	} To steps 9ft 5in W of E Cor. 2ft 0in To house 8ft 9in S of S Cor. 8ft 4in	
35	Inglis		
37	Inglis	} To house 13ft 2in N of S Cor. 3ft 10in To house 13ft 3in S of N Cor. 18ft 4in	
39	Inglis		
41	Inglis	} To house 9ft 0in N of S Cor. 3ft 4in To house 9ft 0in N of S Cor. 14ft 8in.	
43	Inglis		
7	Lockman	} To house 9ft 2in N of S Cor. 10ft 3in To house 11ft 0in S of S Cor. 3ft 3in	
25	Lockman		
27	Lockman	} To house 9ft 6in S of N Cor. 8ft 2in Line street 10ft 2in S of S Cor. No. 65 2'10"	
35	Lockman		
43	Lockman	} To house 11ft 3in N of S Cor. 10ft 10in To house 11ft 6in S of N Cor. 11ft 0in	
51	Lockman		
55	Lockman	} To house 12ft 6in S of N Cor. 4ft 0in To house 13ft 4in S of N Cor. 3ft 0in	
61	Lockman		
63	Lockman	} To house 14ft 3in S of N Cor. 3 ft 0in To house 9 ft 6in N of S Cor. 9ft 3in	
65	Lockman		
67	Lockman	} To house 9ft 7in N of S Cor. 9ft 7in To house 10ft 1in S of N Cor. 9ft 6in	
69	Lockman		
71	Lockman	} To house 10ft 0in N of S Cor. 3ft 0in To house 10ft 3in N of S Cor. 16ft 6in	
73	Lockman		
85	Lockman	} To house 10ft 7in S of N Cor. 16ft 10in To house 10ft 7in S of N Cor. 16ft 10in	
87	Lockman		
89	Lockman		
91	Lockman		
93	Lockman		
95	Lockman		

CURB STOPCOCKS PUT DOWN IN 1898 (continued).

No.	Street.	Distance from House or line of street.	Distance N. E. S. or W.
107	Lockman	To house 15ft 5in N of S. Cor	20ft
109	Lockman	4in.	
111	Lockman	To house 11ft 9in N of S Cor.	7ft 6in
113	Lockman	To house 12ft 7in S of N Cor.	13ft 0in
115	Lockman	To house 10ft 2in S of N Cor.	2ft 7in
117	Lockman	To house 12ft 2in N of S Cor.	10ft 7in.
119	Lockman	To house 12ft 4in S of N Cor.	3ft 6in
135	Lockman	To house 9ft 4in S of N Cor.	2ft 4in
139	Lockman	To house 13ft 2in N of S Cor.	2ft 3in
141	Lockman	To gate line st.	9ft 6in
145	Lockman	To house 7ft 4in S of S Cor.	2ft 0in
147	Lockman	To house 14ft 2in N of S Cor.	5ft 7in
151	Lockman	To house 9ft 11in N of S Cor.	12ft 7in
153	Lockman	To house 10ft 6in N of S Cor.	5ft 5in
155	Lockman	To house 10ft 3in S of N Cor.	19ft 7in
171	Lockman	To house 13ft 3in N of S Cor.	10ft 10in
173	Lockman	To house 13ft 3in S of N Cor.	10ft 8in
175	Lockman	To house 18ft 4in N of S Cor.	3ft 0in
177	Lockman	To house 9ft 9in S of N Cor.	12ft 2in
179	Lockman	To house 11ft 2in N of S Cor.	22ft
181	Lockman	0in	
183	Lockman	To house 12ft 4in N of S Cor.	14ft 5in
185	Lockman	To house 10ft 7in S of N Cor.	8ft 10in
187	Lockman	To house 13ft 0in S of N Cor.	10ft 7in
187½	Lockman	To gate 17ft 4in N of Cor.	187 5ft 0in
191	Lockman	To house 13ft 0in N of S Cor.	9ft 6in
193	Lockman	To house 8ft 7in N of S Cor.	12ft 7in
195	Lockman	To house 9ft 6in S of N Cor.	12ft 4in
	Bedford Avenue	To line st. 8ft 10in N of N Cor.	No 195 4'2"
197	Lockman	To house 13ft 8in N of S Cor.	5ft 2in
199	Lockman	To house 13ft 1in S of N Cor.	3ft 5in
201	Lockman	To house 11ft 6in N of S Cor.	9ft 8in
203	Lockman	To house 10ft 7in N of S Cor.	6ft 8in
205	Lockman	To house 10ft 4in N of S Cor.	6ft 1in
207	Lockman	To house 11ft 10in N of S Cor.	9ft 8in
209	Lockman	To house 11ft 0in S of N Cor.	10ft 0in
211	Lockman	To house 11ft 0in S of N Cor.	10ft 3in
213	Lockman	To house 11ft 2in N of S Cor.	3ft 0in
64	Lockman	To house 17ft 10in centre of house.	
66	Lockman		
70	Lockman	To house 13ft 2in N of S Cor.	2ft 8in
72	Lockman	To gate line street	
		12ft 6in S of S Cor.	1ft 0in
74	Lockman	To line St. 10ft 10in N of N Cor.	3ft 7in
76	Lockman	To house 11ft 0in N of S Cor.	13ft 1in
78	Lockman	To house 11ft 2in N of S Cor.	8ft 2in
80	Lockman	To house 11ft 2in S of N Cor.	17ft 2in
82	Lockman	To house 9ft 2in N of S Cor.	15ft 6in
84	Lockman	To house 9ft 8in S of N Cor.	13ft 5in
88	Lockman	To house 8ft 9in N of S Cor.	2ft 0in
90	Lockman	To house 9ft 2in S of N Cor.	8ft 8in
92	Lockman	To house 11ft 0in S of N Cor.	2ft 4in
94	Lockman	To house 10ft 10in S of N Cor.	6ft 0in
96	Lockman	To house 10ft 9in S of N Cor.	10ft 2in
98	Lockman	To house 10ft 3in N of S Cor.	2ft 5in
100	Lockman	To house 8ft 8in N of S Cor.	2ft 9in
102	Lockman	Line street 5ft 10in S of S Cor.	1ft 0in

CURB STOPCOCKS PUT DOWN IN 1898 (continued).

No.	Street.	Distance from House or line of street.	Distance N., E., S. or W.
114	Lockman	To gate	9ft 4in S of No. 116, 3ft 5in
116	Lockman	To house	8ft 7in S of N Cor. 3ft 3in
118	Lockman	To house	9ft 0in N of S Cor. 1ft 3in
120	Lockman	To house	8ft 6in N of N Cor. 2ft 0in
122	Lockman	To line St.	8ft 10in S of S Cor. 124, 2ft 5in
124	Lockman	To house	14ft 8in N of S Cor. 9ft 7in
126	Lockman	To house	13ft 3in S of N Cor. 19ft
128	Lockman		8in
	Philip's Lane	To line St	9ft 5in S of N Cor. 6ft 7in
132	Lockman	To line St.	8ft 6in N of N Cor. lane 5ft 0in
134	Lockman	To house	7ft 7in S of S Cor. 1ft 0in
136	Lockman	To house	8ft 5in N of S Cor. 9ft 2in
138	Lockman	To house	8ft 9in S of N Cor. 7ft 8in
140	Lockman	To house	9ft 0in S of S Cor. 1ft 6in
142	Lockman	To house	8ft 2in N of S Cor. 13ft 0in
146	Lockman	To house	8ft 2in S of N Cor. 35ft 8in
148	Lockman	To house	8ft 0in N of N Cor. 3ft 5in
156	Lockman	To house	10ft 9in S of N Cor. 7ft 9in
162	Lockman	To line of st.	8ft 0in S of S Cor. 7ft 10in
164	Lockman	To house	12ft 10in S of S Cor. 1 ft 0in
166	Lockman	To house	7ft 8in S of N Cor. 3ft 4in
35	Morris, corner Pleasant	To line St.	11ft 0in W of W Cor. 27ft 10in
37	Morris	To line St.	11ft 10in W of W Cor. 11ft 3in
61	Morris	To line St.	12ft 5in W of E Cor. 9ft 5in
63	Morris	To line St.	11ft 8in W of E Cor. 22ft 0in
65	Morris	To line St	11ft 0in E of W Corner 11ft 0in
67	Morris	To line St	11ft 6in W of E Cor. 3ft 0in
69	Morris	To line St	11ft 6in W of W Cor. 67, 2ft 6in
71	Morris	To line St	11ft 6in E of W Cor. 16ft 0in
81	Morris	To house	11ft 8in W of E Cor. 3ft 0in
83	Morris	To steps	11ft 0in W of E Cor. 20ft 0in
85	Morris	To line St	11ft 0in W of E Cor. 24ft 3in
87	Morris	To steps	13ft 0in E of W Cor. 6ft 4in
91	Morris		
93	Morris		To house 12ft 5in centre of houses.
95	Morris		To house 16ft 7in E of W Cor. 21ft
97	Morris		lin.
50	Morris	To house	10ft 8in W of E Cor. 6ft 4in
8	North	To house	9ft 3in W of E Cor. 16ft 4in
10	North	To house	9ft 6in E of W Cor. 13ft 7in
12	North	To house	9ft 4in E of W Cor. 17ft 10in
18	North	To house	9ft 7in in line with E Cor.
20	North	To house	10ft 7in W of E Cor 13ft 0in
22	North	To house	10ft 2in S of W Cor. 8ft 4in
24	North	Line st.	9ft 0in W of E Cor. 11ft 6in
26	North	Line St.	9ft 4in E of W Cor. 2ft 0in
34	North	To house	9ft 3in E of W Cor. 3ft 2in
36	North	To house	12ft 0in W of E Cor. 2ft 0in
38	North	To house	13ft 6in W of E Cor. 1ft 10in
46	North	To house	12ft 3in W of E Cor. 4ft 0in
1	Pleasant	To house	9ft 7in N of S Cor. 3ft 8in
7	and 9 Pleasant	To house	7ft 10in centre of house
15	Pleasant	Centre shop door	
			10 ft 9in N of S Cor. 14ft 8in
19	Pleasant	To fence	8ft 9in N of N gate post 4ft 8in
21	Pleasant	To house	8 ft 10in N of S Cor. 18ft 4in
23	Pleasant	To house	8ft 10in N of S Cor. 19ft 0in
25	Pleasant	To house	10ft 5in N of S Cor. 5ft 0in

CURB STOPCOCKS PUT DOWN IN 1898 (continued).

No.	Street.	Distance from House or line of street.	Distance N., E., S. or W.
27	Pleasant	To house	10ft 5in S of N Cor. 10ft 10in
29	Pleasant	To house	9ft 2in S of N Cor. 5ft 4in
35	Pleasant	To house	11ft 0in S of N Cor. 10ft 6in
37	Pleasant	To house	9ft 5in N of S Cor. 11ft 3in
39	Pleasant	To house	9ft 9in S of N Cor. 20ft 8in
131	Pleasant	To house	11ft 0in S Cor. of house
135	Pleasant	To house	10ft 10in S of N Cor. 10ft 8in
137	Pleasant	To house	10ft 8in N of S Cor. 2ft 0in
139	Pleasant	To house	10ft 8in S of N Cor. 1ft 6in
143	Pleasant	To house	10ft 3in S of N Cor. 2ft 0in
145	Pleasant	To house	10ft 4in N of S Cor. 2ft 0in
147	Pleasant	To house	10ft 2in N Cor. of house.
151	Pleasant	To house	10ft 2in S of N Cor. 2ft 0in
199	Pleasant	To steps	10ft 5in S of N Cor. 6ft 0in
201	Pleasant	To centre of steps	10ft 2in S of N Cor. 6ft 5in
203	Pleasant	To centre of steps	10ft 9in S of N Cor. 6ft 10in
205	Pleasant	To cen. steps	10ft 11in N of S Cor. 3ft 10in
207	Pleasant	To cen. steps	10ft 10in S of N Cor. 6ft 7in
209	Pleasant	To house	12ft 6in N of S Cor. 25ft
211	Pleasant	To house	0in.
28	Sackville	To house	10ft 2in E of W Cor. 2ft 0in
32	Sackville	To house	10ft 2in W of E Cor. 11ft 0in
34	Sackville	To house	10ft 0in W of E Cor. 7ft 3in
36	Sackville	To house	9ft 0in W of E Cor. 8ft 10in
42	Sackville	To house	11ft 7in E of W Cor. 15ft 9in
46	Sackville	To house	11ft 5in E of W Cor. 2ft 3in
48	Sackville	To house	12ft 7in E of W Cor. 4ft 0in
52	Sackville	To house	12ft 7in E of W Cor. 11ft 3in
56	Sackville	To house	13ft 0in E of W Cor. 5ft 7in
58	Sackville	To house	11ft 10in E of E Cor. 1ft 0in
33	Sackville	To house	8ft 10in E of W Cor. 10ft 4in
78	Sackville	To house	7ft 3in W of E Cor. 17ft 10in
80	Sackville	To house	7ft 4in E of W Cor. 11ft 9in
11	Salter	To house	9ft 0in W of E Cor. 3ft 10in
13	Salter	To house	9ft 9in W of E Cor. 3ft 4in
15	Salter	To hall	8ft 10in E of W Cor. 14ft 9in
2	Spring Garden Road	To wall	14ft 2in W of main gate 15ft 9in jail
4	Spring Garden Road	To steps	34ft 10in line W half of door
8	Spring Garden Road	To wall	17ft 6in E of W Cor. 3ft 6in
10	Spring Garden Road	To line St	9ft 8in E of W Cor. 14ft 4in
10	Spring Garden Road	To old Guard Room	9ft 8in E of W Cor. 15ft 4in
36	Spring Garden Road	To house	10ft 2in E of W Cor. 2ft 0in
40	Spring Garden Road	To house	11ft 6in W of centre of
42	Spring Garden Road	To house	1'6"
46	Spring Garden Road	To house	9ft 8in W of E Cor. 17ft 10in
48	Spring Garden Road	To house	11ft 6in centre of house.
50	Spring Garden Road	To porch	9ft 8in E of W Cor. 6ft 0in
52	Spring Garden Road	Line Street	10ft 2in W of E Cor. 2ft 0in
56	Spring Garden Road	Line Street	11ft 6in E of W Cor. 3ft 0in
60	Spring Garden Road	To fence	11ft 2in W of E Cor. 3ft 0in
64	Spring Garden Road	To fence	10ft 9in E of W Cor. 18ft 8in
64	1-2 Spring Garden Road	To fence	10ft 9in E of W Cor. 18ft 8in

DETAILED PRECIPITATION FOR YEAR 1898.

Day.	CHAIN LAKE.											
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	.48	1.54	....	1.35	.25	...	....	.03	.....	.....	.04	.17
2	....	.08	.80	....	.09	.72	.16	.02	.....	.....	....	....
3	.22	.26	1.27	....	....	2.02	....	....	1.30	....	.03	....
4	.18	....	.15	....	....	.41	....	....	....	....	....	....
5	.15	....	1.12	....	....	.04	.09	....	....	....	....	.86
6	....	.65	....	.40	.23	....	....	.13	.23	.45	1.28	.06
7	.51	....	....	.15	....	....	....	....	....	....	.35	.04
8	.02	....	....	.02	....	....	....	....	.05	.04	....	.09
9	.15	....	....	....	....	.34	.16	.05	....	.32	....	....
10	....	....	....	....	....	.11	.85	....	....	....	....	....
11	....	....	....	....	....	....	....	1.18	....	....	2.53	.27
12	.05	....	....	....	....	.25	....	1.60	....	.14	....	....
13	1.35	.35	.21	.38	.37	.02	....	....	....	.05	....	1.31
14	....	....	.18	.62	.66	.36	.34	.05	....	....	.48	....
15	.08	....	....	.31	....	.10	.53	....	....	1.36	.17	....
16	.69	.55	....	.70	....	....	....	.03	.09	....	.02	.34
17	....	.30	.70	.03	.27	....	.09	....	.02	.12	.19	.15
18	....	....	.02	.02	....	....	....	....	....	....	.47	.07
19	....	....	....	....	....	....	....	.44	....	....	.29	....
20	....	....	.32	.35	.05	1.50	1.36	1.00	....	.30	.29	....
21	.20	....	....	.65	....	....	.38	....	....	.09	.02	.90
22	....	....	....	....	....	....	....	....	....	.19	.06	.02
23	1.12	.38	.25	....	....	1.30	....	.68	1.11	1.06	.71	.83
24	1.16	.88	....	.35	....	.03	....	.04	.45	....	.08	....
25	....	....	....	2.49	....	.03	....	.11	.09	....	.44	....
26	....	.12	....	.30	....	.15	.03	1.53	.05	....	....	....
27	....	.19	....	.14	....	....	....	....	1.36	.18	2.16	.15
28	....	.09	....	....	.04	....	.09	....	.08	.05	.62	.15
29	....	....	....	.45	....	.32	....	....	....	....	.29	....
30	....	....	.04	.21	.04	....	....	.04	....	1.17	.31	.02
31	.09	....	.87	....	.67	....	....	....	....	.03	....	.25
Total...	6.45	5.39	5.93	8.92	2.67	7.67	4.08	6.93	4.83	5.55	10.83	5.68

Total for the year 74.93

DETAILED PRECIPITATION FOR THE YEAR 1898.—(Continued.)

Day.	SPRUCE HILL LAKE.											
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	.04	.49	.....	.34	.32	.30	.....	.....	.....	.....	.....
2	.....	.10	.....	.....	.....	1.51	.....	.....	.15	.....	.03	.05
3	.18	.16	1.04	.....	.....	1.72	.....	.....	.....	.....	.....	.....
4	.....	.....	.68	.....	.....	.....	.15	.....	.05	.....	.....	.....
5	.24	.65	.39	.13	.18	.....	.03	.....	.13	.58	.95	1.14
6	.....	.32	.....	.12	.12	.....	.....	.21	.....	.....	.66	.....
7	.55	.....	.....	.20	.....	.....	.....	.....	.....	.....	.....	.05
8	.12	.....	.....	.04	.....	.08	.....	.....	.....	.38	.....	.05
9	.....	.....	.....	.....	.....	.26	.88	.....	.....	.....	.....	.....
10	.....	.03	.....	.....	.....	.....	.....	.21	.....	.....	2.65	.....
11	.....	.....	.....	.....	.....	.24	.....	2.77	.....	.....	.23	.22
12	1.40	.37	.37	.....	.....	.10	.....	.06	.....	.26	.....	.85
13	.41	.....	.20	1.28	.37	.....	.47	.04	.....	.....	.25	.09
14	.....	.....	.....	.....	.78	.55	.....	.....	.....	.....	.46	.....
15	.71	.....	.....	.64	.....	.....	1.14	.03	.17	1.38	.....	.....
16	.....	.72	.....	.35	.28	.....	.05	.....	.....	.12	.....	.41
17	.....	.....	.74	.....	.03	.....	.....	.....	.....	.03	.20	.....
18	.....	.....	.....	.....	.....	.....	.....	.02	.....	.....	.51	.06
19	.50	.....	.25	.....	.....	1.22	.63	1.26	.....	.....	.54	.....
20	.....	.....	.05	1.16	.07	.14	1.03	.....	.05	.35	.05	.84
21	.10	.....	.....	.04	.....	.....	.....	.....	.....	.....	.03	.....
22	.....	.....	.....	.....	.....	1.12	.....	.42	.....	1.31	.65	.27
23	1.37	1.29	.23	.....	.....	.....	.....	.57	1.61	.....	.32	.81
24	.13	.....	.....	2.71	.....	.....	.....	.02	.22	.....	.22	.....
25	.....	.....	.....	.32	.....	.21	.....	.61	.....	.....	.20	.....
26	.....	.04	.....	.39	.....	.....	.03	.....	1.55	.....	.....	.....
27	.....	.36	.....	.....	.05	.....	.07	.....	.10	.28	3.11	.12
28	.....	.....	.....	.69	.05	.27	.15	.....	.....	.....	.22	.12
29	.....	.....	.....	.12	.02	.05	.....	.....	.....	.15	.....	.....
30	.....	.....	.07	.06	.03	.....	.....	.....	.....	.64	.68	.....
31	1.04	.....	2.20	.....	.24	.....	.....	.....	.....	.03	.....	.57
Total...	6.75	4.08	6.71	8.25	2.56	7.79	4.97	6.20	4.05	5.51	11.96	5.65

Total for the year 74.48

DETAILED PRECIPITATION FOR YEAR 1898—(Continued.)

CITY OF HALIFAX.												
Day.	Jan.		Feb.		March.		April.		May.		June.	
	Hours	Inches	Hours	Inches	Hours	Inches	Hours	Inches	Hours	Inches	Hours	Inches
1	9.0	.488	8.3	1.400	1.	.020	9.0	.675	9.5	.304	.....	T
2	.....	T	.....	.....	10.	.300	.....	.....	4.	.020	23.	.395
3	5.5	.110	6.8	.130	7.5	.770	.....	.....	.....	.....	22.5	1.274
4	.....	.....	.....	.....	.....	.....	.....	T	.....	.....	2.	.050
5	8.5	.200	.....	.....	11.	.537	.....	.....	.....	.....	2.	.017
6	3.7	.070	10.5	.648	.....	.....	12.5	.240	7.5	.160	.....	.....
7	14.5	.488	1.5	.032	.....	.....	6.	.074	.....	.....	.....	.....
8	4.0	.130	.....	.....	.....	.....	4.5	.020	.....	.....	.....	.....
9	2.5	.050	.....	.....	.....	.....	.....	.....	.....	.....	8.3	.381
10	.....	.....	.....	T.	.....	.....	.....	.....	.....	.....	0.3	.066
11	.....	.....	.....	T	.....	.....	.....	.....	.....	.....	.....	T.
12	1.5	.134	.....	.....	.....	.....	.....	.....	.....	.....	10.8	250
13	17.	.576	5.	.280	5.5	.163	7.3	.571	.....	.....	.....	.....
14	.....	.....	.....	.....	2.5	.170	8.	.348	9.2	.878	8.8	.420
15	6.5	.080	.....	T.	.....	.....	5.	.690	.....	.....	1.3	.012
16	10.4	.300	4.8	.422	.....	.....	8.5	.344	4.	.037	.....	.....
17	.....	.....	2.	.040	7.3	.685	2.5	.020	11.7	.174	.....	.....
18	.....	.....	.....	.....	.....	.....	1.	.010	2.	.004	.....	.....
19	.....	.....	.....	.....	2.5	.033	.....	.....	.....	.....	.....	.....
20	1.7	.090	.....	.....	11.5	.332	12.	.596	2.	.040	7.3	1.081
21	3.0	.382	.....	.....	.....	.....	8.	.410	.....	.....	.....	.....
22	.....	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....
23	4.0	.812	7.5	.388	6.8	.260	.....	.....	.....	.....	6.0	1.149
24	7.0	.120	7.	.460	.....	.....	10.3	.714	.....	.....	.....	.....
25	.....	.....	5.	.120	.....	.....	13.	1.415	.....	.....	3.5	.041
26	.....	.....	7.	.094	.....	.....	6.7	.562	.....	.....	5.8	.152
27	.....	.....	18.2	.408	.....	.....	2.	.010	.....	T.	.....	.....
28	.....	.....	.....	.....	.....	.....	1.	.010	4.5	.040	.....	.....
29	.....	.....	.....	.....	.....	.....	15.	.417	.....	.....	12.0	.310
30	.....	.....	.....	.....	9.2	.034	22.	.220	5.	.033	.....	.....
31	5.0	.030	.....	.....	13.0	.764	.....	.....	20.3	.676	.....	.....
Total...	.....	4.060	.....	4.422	.....	4.068	.....	7.346	.....	2.366	.....	5.598

T. Trace.

DETAILED PRECIPITATION FOR YEAR 1898—(Continued.)

CITY OF HALIFAX.												
Day.	July.		August.		Sept.		Oct.		Nov.		Dec.	
	Hours	Inches	Hours	Inches	Hours	Inches	Hours	Inches	Hours	Inches	Hours	Inches
1	.....	.....	2-0	·020	.....	.....	.....	.....	1-4	·050	6-0	·110
2	1-8	·080	.....	·018	.....	.....	.....	.....	.....	.....	0-6	·003
3	.....	.....	.....	.....	7-3	1·194	.....	.....	0-5	·030	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9-8	·760
5	1-0	·092	0-6	·107	.....	.....	2-5	·162	.....	.....	1-5	·024
6	.....	.....	1-0	·130	1-0	·158	4-0	·242	4-8	1·251	0-5	·040
7	.....	.....	.....	.....	1-0	T.	.....	.....	5-6	·392	0-4	·020
8	.....	.....	.....	.....	3-5	·050	4-3	·135	.....	.....	.....	T.
9	3-6	·160	0-5	·022	.....	.....	3-0	·213	.....	.....	.....	T.
10	5-0	·536	.....	.....	.....	.....	.....	.....	1-1	·026	.....	T.
11	.....	.....	14-1	1·271	.....	.....	.....	.....	13-8	2·697	9-0	·100
12	.....	.....	11-0	1·302	.....	.....	1-8	·188	.....	.....	.....	.....
13	2-5	·052	0-1	·027	.....	.....	.....	T.	.....	.....	10-9	·630
14	5-0	·280	.....	.....	.....	.....	.....	.....	4-8	·449	.....	.....
15	8-9	·840	.....	.....	.....	.....	7-5	1·198	2-3	·150	.....	T.
16	1-5	·019	1-5	·018	0-5	·036	2-0	·100	.....	T.	7-4	·240
17	.....	T.	.....	T.	0-5	·020	1-8	·050	.....	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....	.....	9-8	·419	2-5	·070
19	1-2	·039	9-1	·495	.....	.....	.....	.....	11-0	·470	.....	.....
20	10-3	1·042	9-0	·690	.....	T.	7-9	·280	4-5	·113	5-6	·160
21	5-2	·233	.....	.....	.....	.....	1-2	·020	1-4	·010	7-5	·448
22	1-0	·014	.....	.....	.....	.....	5-7	·344	4-1	·082	1-0	·034
23	.....	.....	3-5	·857	9-2	1·270	5-0	·870	18-0	·518	9-0	·927
24	.....	.....	.....	.....	8-0	·300	.....	.....	8-0	·146	.....	.....
25	.....	.....	3-0	·186	.....	.....	.....	.....	8-7	·347	.....	.....
26	1-5	·036	6-0	·488	1-5	·040	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	10-5	1·050	4-0	·220	13-0	2·337	1-5	·060
28	2-5	·219	.....	.....	2-3	·040	.....	.....	5-3	·274	3-8	·145
29	0-5	·010	.....	.....	.....	.....	.....	.....	6-0	·137	.....	.....
30	.....	.....	5-0	·020	.....	.....	10-5	·813	8-3	·350	0-6	·010
31	.....	.....	.....	.....	.....	.....	1-0	·010	.....	.....	9-2	·235
Total...	.....	3·652	.....	5·651	.....	4·158	.....	4·845	.....	10·248	.....	4·066

Total for the year..... 60·480 inches.

TOTAL PRECIPITATION FOR THE YEAR 1898.

1898.	LOWER CHAIN LAKE.				SPRUCE HILL LAKE.					CITY OF HALIFAX.*			
	Snow.	Melted Snow.	Rain.	Total.	Snow.	Melted Snow.	Rain.	Total.	Melted Snow.	Rain.	Total.		
January	21	2.98	3.47	6.45	30	4.27	2.48	6.75	1.690	2.370	4.060		
February	12.25	2.35	3.04	5.39	5.75	.68	3.40	4.08	1.978	2.444	4.422		
March	14	2.38	3.55	5.93	14	1.53	5.18	6.71	1.350	2.718	4.068		
April	4.75	.62	8.30	8.92	6	.50	7.75	8.25	.594	6.752	7.346		
May			2.67	2.67			2.56	2.56		2.366	2.366		
June			7.67	7.67			7.79	7.79		5.598	5.598		
July			4.08	4.08			4.97	4.97		3.652	3.652		
August			6.93	6.93			6.20	6.20		5.651	5.651		
September			4.83	4.83			4.05	4.05		4.158	4.158		
October			5.55	5.55			5.51	5.51		4.845	4.845		
November	3.75	.80	10.03	10.83	3.25	.84	11.12	11.96	0.367	9.881	10.248		
December	19.25	3.21	2.47	5.68	21.50	2.93	2.72	5.65	1.737	2.329	4.066		
Total	75	12.34	62.59	74.93	80.5	10.75	63.73	74.48	7.716	52.764	60.480		

*Returns furnished by Dominion Government Meteorological Agent

Quantity Discharged over Long Lake Waste Weir
During 1898.

Day.	January.	Feb.	March.	April	May.	June.	July.	August.	Sept'r.	October.	Nov.	Dec.
1				74,904,379	22,953,449						8,112,524	38,025,069
2				46,452,871	16,424,984						8,112,524	3,173,986
3				30,173,986	10,665,474	2,053,123					5,807,185	19,600,783
4				13,441,414	5,807,185	46,452,871					3,771,748	10,665,474
5				10,665,474	2,053,123	46,452,871					1,333,376	8,112,524
6				5,807,185	2,053,123	22,953,449					10,665,474	22,953,449
7				3,771,748	2,053,123	16,424,984					22,953,449	19,600,783
8				3,771,748	725,898	10,665,474					22,952,449	16,424,984
9				2,053,123		10,665,474					16,424,984	10,665,474
10						5,807,185					10,665,474	5,807,185
11						3,771,748					46,452,871	3,771,748
12						2,053,123					74,904,379	2,053,123
13											46,452,871	2,053,123
14				5,807,185							30,173,986	1,333,376
15				16,424,984							22,953,449	
16				22,953,449							16,424,984	
17				30,173,986							13,441,414	
18				22,953,449							10,665,474	
19				13,441,414							8,112,524	
20				8,112,524							10,665,474	
21				16,424,984							16,424,984	
22			3,771,748	14,915,134							19,600,783	
23			3,771,748	8,112,524		8,112,524					19,600,783	
24			8,112,524	74,904,379		13,441,414				2,053,123	22,953,449	10,665,474
25			8,112,524	85,354,549		10,665,474					5,807,185	9,365,931
26			3,771,748	60,117,291		10,665,474					22,953,449	5,807,185
27			2,935,888	42,169,750		8,112,524		2,053,123			8,112,524	8,112,524
28			2,053,123	26,482,975		3,771,748		2,053,123			26,482,975	5,807,185
29			2,053,123	19,600,783		2,053,123		725,898			4,742,175	60,117,291
30			3,771,748	22,953,449		725,898		256,678			5,807,185	725,898
31										10,665,474	64,923,283	725,898
Totals			38,354,174	681,939,737	62,736,359	224,848,481		5,088,822		48,802,036	753,002,940	233,351,627

Total for the year....2,053,124,176 gallons.

Highest and Lowest Points reached at Long Lake and Spruce Hill Lake, 1898.

LONG LAKE.					SPRUCE HILL LAKE.			
1898.	Lowest point reached during the month.	Highest point reached during the month.	Monthly precipitation in inches at gauge at Chain Lakes.	Monthly precipitation in inches at City of Halifax.	1898.	Lowest point reached during the month.	Highest point reached during the month.	Monthly precipitation in inches at gauge at Spruce Hill.
Jan. 7	201.53				Jan. 12	361.34		
" 15		202.49	6.45	4.06	" 16		361.76	6.75
Feb. 12	201.57				Feb. 12	361.18		
" 28		202.66	5.39	4.42	" 28		361.48	4.08
Mar. 1	202.62				Mar. 3	361.46		
" 24		206.19	5.93	4.068	" 24		362.74	6.71
April 1		2.6.91			April 1	363.14		
" 13	205.95		8.92	7.346	" 22		363.84	8.25
May 2		206.32			May 1		364.44	
" 31	205.24		2.67	2.366	" 30	363.76		2.56
June 1	205.24				June 1	363.80		
" 4		206.74	7.67	5.598	" 4		364.44	7.79
July 1		205.99			July 1		364.18	
" 20	205.15		4.08	3.652	" 15	363.78		4.97
Aug 11	204.57				Aug 11	363.36		
" 27		206.07	6.93	5.651	" 26		363.84	6.20
Sept. 6		205.99			Sept. 3		363.67	
" 23	205.05		4.83	4.158	" 23	362.97		4.05
Oct. 15	205.15				Oct. 15	362.90		
" 31		206.24	5.55	4.845	" 31		363.34	5.51
Nov. 5	206.05				Nov. 5	363.26		
" 11		206.91	10.83	10.248	" 28		364.78	11.96
Dec. 1		206.57			Dec. 1		364.46	
" 20	205.79		5.63	4.066	" 20	304.04		5.65
Totals			74.93	60.480				74.48

Level of waste weir at Spruce Hill Lake..... 363.34 above mean low tide
 " " " " " Long Lake..... 205.99 " " " "

RECORDS COMPARED, 1879-98.

Year.	Total precipitation at Chain Lakes.	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.	Inches.	Feet.	Inches.	Inches.
1879....	40.76	4	6½	.....	.....	.....	47.70
1880....	51.45	3	10½	.....	.....	.....	52.752
1881....	46.65	3	0½	.....	2	3	51.755
1882....	56.089	2	6¼	.....	2	0	62.022
1883....	Rainfall only. { 46.201 59.252 47.995 46.60	4	5½	.....	3	3	58.112
1884....		3	9¾	.....	2	0½	63.278
1885....		4	5	.....	3	0½	56.629
1886....		2	3	.....	2	0	57.29
1887....		59.82	3	10	3	8¼	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	11¾	60.103
1891....	57.015	3	6½	58.99	2	9¼	58.669
1892....	58.97	2	11½	60.19	2	5¾	53.69
1893....	57.26	3	11½	57.98	2	9½	58.748
1894....	47.59	6	4	46.40	4	11	45.808
1895....	56.98	6	7	57.94	4	11½	62.152
1896....	70.87	3	1	70.72	3	8	69.862
1897....	55.40	6	3	58.01	2	6½	51.522
1898....	74.93	4	5½	74.48	2	2	61.480

City record made by Dominion Government Metereological Agent.

REPORT OF PLUMBING AND METER INSPECTOR.

HALIFAX, *May 1st, 1899.*

MR. F. W. W. DOANE,
City Engineer.

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

There is still the same difficulty with the licensed plumbers in not notifying me when they have finished the work, and also in making the necessary alterations.

Respectfully submitted,

CLAUDE DONOVAN,
Plumbing Inspector.

Plumbing and Drainage.

	May.	June.	July.	August.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April.	Total.
No. of plumbing applications approved.....	41	37	47	27	23	31	42	23	24	16	34	41	386
No. of certificates recommended.	41	26	43	30	19	21	22	32	46	26	23	4	320

No. of times smoke test applied.....	94
No. of times peppermint test applied.....	41
No. of times water test applied	54
No. of plumbing inspections	948
No. of houses inspected for defective plumbing and reported.....	32
No. of houses remedied after reported on.....	28
No. of houses found in good condition.....	2
No. of new houses examined and passed.....	123
No. of drains inspected.....	3
No. of houses inspected by order of the Board.....	54
Miscellaneous inspections.....	18

Water Department.

	May.	June.	July.	August.	Sept.	October.	Nov.	Dec.	January.	February.	March.	April.	Total.
No. of houses examined and Collector's orders issued for turning on ...	24	21	33	17	15	12	19	10	3	2	4	20	200
Meter readings....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	918
Total .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1118

Meters in use during 1898-9.

KIND.	$\frac{1}{2}n$	$\frac{3}{4}n$	1n	1 $\frac{1}{4}n$	1 $\frac{3}{4}n$	2n	3n	4n	6n	Total.
Siemens	179	38	14	2	2	8	15	13	2	278
Crown	2	3	.....	.....	.....	.....	.....	.....	.....	5
Beck .....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
Starr .....	.....	1	.....	.....	.....	.....	.....	.....	.....	1
Hersey .....	.....	1	.....	.....	.....	.....	.....	.....	.....	1
Indicators.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1
Total.....	182	43	14	2	2	8	16	13	2	282

No. of meters removed on account of frost	25
No. of meters removed for non-registering	10
No. of meters replaced	22
No. of meters set	10

Statement Showing Class of Premises on which Meters are used.

CLASS.	Size in Inches.								Indicators.	Total.	
	½"	¾"	1"	1¼"	1½"	2"	3"	4"			6"
Armouries			2	2							4
Bakeries		3									3
Breweries		1	1			2	1				5
Churches							1			1	2
Distilleries							1				1
Dye Works		2									2
Colleges		1	6	1			1				9
Electric Light Works				1		1	1				3
Elevators						1	3	4			8
Factories, Machine Shops, &c		8	6			3		1			18
Gas Works								1			1
Halls, Clubs, &c		1	7	2							10
Hospitals		1					1				2
Institutions		2	10	3	1						16
Laundries				3			1				4
Nurseries				1							1
Office Buildings		3	3								6
Printing Offices		3	2								5
Schools				1							1
Stables, Private		8									8
Stables, Livery		10	1								11
Tenements, dwellings, etc.	139	4	1			1					145
Wharves					1		7	2	1		11
Railroad Depots					1			3			4
Refineries							1				1
Totals	182	42	14	2	2	8	16	12	2	1	281

CONSUMPTION AND REVENUE BY METER.

NAME.	CLASS.	½	¾	1	1¼	1½	2	3	4	6	Indicators.	Total.	Gallons.	Revenue.
V. G. Hospital.....	Hospital							1				1	6614450	\$660 02
H. M. Lumber Yard ..	Wharf							1				1	205450	30 82
Dalhousie College.....	College			1								1	146366	14 24
Ch. of Eng. Institute..	Hall			1								1	30233	8 53
St. Pat'ks T A & B Soc.	"			1								1	36306	9 33
P H & L Co.....	Gas Works										1	1	18668800	1494 90
S Cunard & Co	Wharf, etc	2										3	1085312	125 40
Electric Tram Co	Works..			1		1		1				3	15152495	1379 79
McDougall's Distillery.	Distillery									1		1		
A Keith & Son	Brewery		1					1				2	2114088	349 79
Smith Bros.....	Elevator							1				1	890750	134 71
Moir, Son & Co	Factory								1			1	2352100	280 49
T & E Kenny	Elevator								1			1	210100	46 52
Hlfx Breweries Ltd ..	Brewery						1					1	1078200	153 56
Dom Post Office.....	Elevator							1				1	547500	89 39
Dom App Office	"							1				1	584750	94 78
Murdochs Nephews ..	"								1			1	24751	262 51
Stairs, Son & Morrow ..	"								1			1	499850	87 48
N S Refinery Co.....	Refinery							1				1	21528500	1539 64
Dom Govt M & F.....	Wharf								1			1	1174650	172 07
Whelan & Ferguson ..	Factory		1									1	50700	9 70
W H Donovan	"		1									1	82500	16 38
MacDonald & Co	"		1									1	227400	36 11
Musgrave & Co.....	Wharf								1			1	044050	5 00
Halifax Graving Dock..	"					1				1		2	1044050	153 15
Plant S S Co	"								1			1	1305800	185 93
Ladies' College	College			2								2	610700	50 75
F J Quinn	Factory		1									1	81400	14 21
Jas Roue	"		1									1	124400	22 47
Halifax Club	Club			2								2	732300	112 25
St Paul's Hall	Hall			1								1	61881	13 28
Queen Building Co.....	Offices		1	1								2	221960	40 06
P Doyle	Dwelling		1									1	31950	5 80
J McLearn	Stable		1									1	26450	4 86
J Hunter Estate	Store		1									1	42050	8 46
J Y Payzant	Tenement		1									1	116650	18 50
B Gladwin	Dwelling		1									1	20950	3 15
J R Lithgow	Office			1								1		
J Scott & Co	Store			1								1	63788	13 57

CONSUMPTION AND REVENUE BY METER—(Continued.)

NAME.	CLASS.	1/2	3/4	1	1 1/2	1 3/4	2	3	4	6	Indicators.	Total.	Gallons.	Revenue.
D A Storey	Dwelling .	1										1	44650	6 70
N S Nursery	Conser'try			1								1	171900	21 61
McKay Bennett	Wharf ..							1				1	90620	136 86
St Luke's Cathedral ..	Church ..							1				1	530950	47 16
J A Leaman	Stable ..	1										3	77900	13 69
D & D Institute	Institute	2		1								3	1417950	113 24
H H Seminary	College ..		1									1	184450	17 91
T D Blakie	Mill	1										2	19300	4 89
Dom Govt R R	R Term'us					1			1			1	350200	57 49
Meth Church	Church ..										1	1	108867	7 62
F D Corbett & Co	Wharf ..							1				1	724600	112 98
J A Thompson	Foundry ..	1										1	24650	5 70
J K Hubley	Dye Works	1										1	27350	6 10
T Robinson	Stable ..	3										3	151050	24 53
Conlon Bros	"	1										1	12000	3 80
W R Newcombe	"	1										1	62350	12 93
R Ainsley	"	2										2	92600	17 89
St Mary's Y M	Hall		1									1	19140	3 87
City Club	Club		1									1	97300	18 60
J Patterson	Factory ..	1										1	20850	5 13
Convent Sacred Heart.	College ..							1				1	504300	45 30
W H Isnor	Stable ..	1										1	57000	10 55
A & W Smith	Factory ..		1									1		
E B Sutcliffe	Offices ..		1				1					2	390650	69 33
H King Estate	Stable ..		1									1	76900	13 54
M Ungar	Laundry ..							1				1	5865550	596 56
Lawson Estate	Wharf ..	1						1				2	519900	88 31
J A Leaman	Stable ..	1										1	32550	6 88
Dominion Cotton Co ..	Factory ..						1					1	7387200	
R C Orphanage	Institute ..		1									1	262400	22 37
Dawes & Co.	Brewery ..	1										1	28400	6 26
J J Scriven	Bakery ..	1										1	375550	56 90
F J Scott	"	1										1	40650	9 60
F Fry	"	1										1	30900	6 64
Spain Bros	"	1										1	280250	44 04
Halifax Dispensary	Inst		1									2	28900	6 02
M B Vail	Laundry ..			2								1	1792550	220 20
G M Smith & Co	Elevator ..								1			1		
Chronicle Office	Printers ..		1									1	120300	39 04
Herald Office	"		2									2	336048	53 38
Recorder Office	"		1									1	26900	11 21
B G Street	Dye Works	1										1	113950	20 60
I O O F Temple	Hall		1									1	99950	19 00

CONSUMPTION AND REVENUE BY METER.—(Continued.)

NAME.	CLASS.	1/2	3/4	1	1 1/4	1 1/2	2	3	4	6	Indicators.	Total.	Gallons.	Revenue.
Medical College	College ..	1	1								2		37100	9 04
Mrs Phelan	Tenement.	1									1		270400	41 56
J Doull	"	1									1		114850	19 23
J Pugh & Son	Store	1		1							1		36240	7 83
Farquhar & Forrest	Tenement.	1									1		.....	.....
J A Hancock	Dwelling..			1							1		27750	6 16
J Cashen	Tenement.	1									1		52940	8 94
"	"	1									1		90550	14 59
"	Dwelling .	1									1		91150	14 67
T Hessian	"	1									1		13700	3 07
G P Henry	"	1									1		9805	2 47
M Dwyer	"			1							1		209300	33 89
A Sullivan	"	1									1		.....	.....
J Foley	"	1									1		31700	4 75
A Urquhart	"	1									1		65050	10 76
H L Williston	Barn	1									1		17480	5 22
C A Baker	Dwelling..	1									1		9200	1 38
H L Wallace	"	1									1		66600	10 99
"	"	1									1		32050	5 81
M D Logan	"	1									1		24800	4 72
Capt Rhude	"	1									1		24550	7 67
W J Kirby	"	1									1		6030	1 91
J J Donnelly	"	1									1		.....	.....
M Keefe	"	1									1		8500	2 28
S Bonnell	"	1									1		.....	.....
W Francis	"	1									1		88800	11 68
Wm Crowe	"	1									1		18650	3 80
G L Murray	"	1									1		34850	5 23
J Mackintosh	"	1									1		146350	21 87
"	"	1									1		247300	36 93
A Smith	"	1									1		12150	2 82
T DeWolfe	"	1									1		30350	5 54
"	"	1									1		32300	5 85
"	"	1									1		23950	4 59
M Johnson	"	1									1		11800	4 28
E Gibson	"	1									1		11400	2 71
Blind Asylum	Institute..			2	1						3		786400	67 03
Jas Hall	Dwelling.	1									1		10250	.....
W H Fulton	"	1									1		50400	8 56
Creighton	"	1									1		13800	3 18
L Hamilton	"	1									1		40450	7 07
L Borden	"	1									1		10100	2 51
G Wright	"	1									1		16650	3 40

CONSUMPTION AND REVENUE BY METER—(Continued.)

NAME.	CLASS.	½	¾	1	1¼	1½	2	3	4	6	Indicators.	Total.	Gallons.	Revenue.
S Tremaine	Factory ..	1	1								2	392000	49 70	
Salvation Harbor	Institute .	1	1								1	273900	23 24	
Protestant Orphanage.	"	1	1								1	292550	24 48	
St Paul's Alms House..	"	1	1								1	198850	15 92	
LaSalle Academy	College...	1	1								1	253210	28 73	
Old Ladies' Home....	Institute .	1	1								1	419800	23 39	
St Joseph's Convent ...	"	1	1								1	52750	5 64	
Halifax Infirmary	Hospital..	1	1								1	158013	15 23	
Infants' Home.....	Institute .	1	1								1	76900	7 38	
Pine Hill College....	College ..	1	1								1	197650	17 83	
D McKeen	Dwelling .						1				1	193300	23 00	
W Robinson	"	1	1								1	8850	2 33	
J Kelly	"	1	1								1	14600	3 19	
M Morrison	"	1	1								1	193600	33 04	
Gordon & Keith	Factory ..	1	1								1	28880	4 33	
R E Gammon	Stable ...	1	1								1	1189350	181 51	
Dom Immigration Shed	Depot....								1		1	7800	1 17	
H Bayers	Dwelling .	1	1								1	20900	5 64	
J A Hirtle	"	1	1								1	137450	12 16	
Albro Street School....	School ...			1							1	22900	5 44	
T J Crockett	Dwelling .	1	1								1	355950	55 89	
Mas Temple Hall	Hall.....			1							1	28050	7 71	
N S Publishing Co....	Printing..	1	1								1	53750	9 06	
Tennis Ground	"	1	1								2	24650	3 70	
W P C Inglis	Stable... .	1	1								1	43600	7 39	
Y M C A Building....	Hall	1	1	1							1	18000	2 70	
H R Silver	Dwelling .	1	1								1	34350	7 15	
H L Wallace	"	1	1								1	396950	59 16	
H Piers	"	1	1								1	14250	11 14	
Murdoch Nephews	"	1	1								1	108950	29 84	
H C Tulley	Stable ...	1	1								1	8560	3 29	
Henderson & Potts ..	Factory ...						2				2	12100	4 32	
I C R Cattle Shed	Depot....								1		1	8150	2 67	
Geo Franklyn	Dwelling .					1					1	13000	2 87	
Davidson & Co	Factory ..	1	1								1	30780	4 62	
J Slaughenwhite	Dwelling .	1	1								1	22950	4 45	
E Goudge	"	1	1								1	9960	1 18	
W A Heisler	"	1	1								1	1180	.....
J M De Wolfe	"	1	1								1	.....	.....
J Brown	"	1	1								1	.....	.....
A Vail	"	1	1								1	.....	.....
N Boutillier	"	1	1								1	.....	.....
J P Kelly	"	1	1								1	.....	.....

CONSUMPTION AND REVENUE BY METER—(Continued.)

NAME.	CLASS	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	3	4	6	Indicators.	Total.	Gallons.	Revenue.
T Anderson	Dwelling..	1									1	4610	3 24	
A Moody	"	1									1	25750	4 87	
W J Cooke	"	1									1	4450	1 67	
J Connell	"	1									1	5950	1 89	
T DeWolfe	"	1									1	20400	5 07	
F Selig	"	1									1	18500	3 78	
J MacDonald	"	1									1	6800	2 02	
J A Butler	"	1									1	.....	.....
St Joseph's Hall	Hall	1									1	6825	1 91	
T Williamson	Dwelling	1									1	86810	14 02	
M Muldowney	"	1									1	5060	76	
J Phalen	"	1									1	3850	58	
Mary Davey	"	1									1	9900	1 49	
D McDonald	"	1									1	.....	.....
J Davidson	"	1									1	6170	93	
C Hosterman	"	1									1	.....	.....
J Baker	"	1									1	4850	1 73	
G Verdi	"	1									1	28050	6 21	
S Brown	"	1									1	16650	2 50	
M Phalen	"	1									1	8880	2 33	
G Church Manse	"	1									1	5890	1 88	
Geo Harvey	"	1									1	26690	5 00	
R Greer	"	1									1	13100	2 97	
G Creighton	"	1									1	44580	7 68	
R King	"	1									1	9370	2 41	
"	"	1									1	6980	2 05	
"	"	1									1	20290	4 05	
"	"	1									1	6070	1 91	
W H Isnor	"	1									1	11350	2 80	
M Malone	"	1									1	.....	.....
Fader Bros	"	1									1	.....	.....
J Hutt	"	1									1	16050	3 41	
P Walker	"	1									1	144520	22 67	
J Bennett	"	1									1	.....	.....
M Gleason	"	1									1	.....	.....
E M V Connell	"	1									1	34600	5 19	
L H Stevens	"	1									1	13920	3 59	
G Tanner	"	1									1	42250	6 34	
J Butler	"	1									1	5750	1 86	
W Kennedy	"	1									1	26620	3 99	
A McCaughin	"	1									1	28990	4 35	
Dr. Jacques	"	1									1	20200	6 19	

CONSUMPTION AND REVENUE BY METER—(Continued.)

NAME.	CLASS.	1/2	3/4	1	1 1/4	1 1/2	2	3	4	6	Indicators.	Total.	Gallons.	Revenue.
J Nolan	Stable	1										1		
A Hubley	Dwelling	1										1	53950	9 84
"	"	1										1	74250	12 13
"	"	1										1	50200	8 53
"	"	1										1		
Freeman Bros	"	1										1	11300	1 50
"	"	1										1	60200	9 05
H McC Hart	"	1										1	159350	25 91
L Grant	"	1										1	12000	1 89
J Sutherland	Laundry			1								1	129400	23 92
W J Hames	Stable	1										1	16700	4 51
H McC Hart	Dwelling	1										1	24000	4 50
R Horton	"	1										1	22050	4 46
A Pelton	"	1										1	25200	3 78
Jos Allen	"	1										1	3270	49
J Haverstock	"	1										1		
Mrs C Ward	"	1										1		
E J Horne	"	1										1		
A M Harrival	"	1										1	5930	89
"	"	1										1	39200	5 88
"	"	1										1	42900	6 43
"	"	1										1	56580	8 52
"	"	1										1	72400	11 86
T Vail	"	1										1	7050	1 06
W B Freeman	"	1										1	20650	2 60
J Whitman	"	1										1		
W McKinlay	"	1										1		
W H Cawsey	"	1										1	12300	2 86
"	"	1										1	14350	3 15
G Wright	"	1										1	37400	6 61
C Myett	"	1										1	182740	29 43
Mon of Good Shepherd	Institute			2								2	1022350	81 64
Drill Hall	"			2								4	450300	72 02
Cunningham & Curren	Wharf							1				1	266350	43 62
H Cassell	Bath		1									1	308100	58 70
W J Harvey	Stable	1										1	15000	2 26
J May	"						1					1	754050	112 23
L K Parsons	Dwelling	1										1	7500	1 13
Wm Wier	"	1										1	27750	4 16
J Dixon	Factory	1										1	15000	4 25
A M Harrival	Dwelling	1										1	15990	4 15
W Delaney	"	1										1		
Total		182	42	14	2	2	8	16	12	2	1	281	116652791	\$11482 33

Scale of Rates for Annual Rental of Meters.

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

For	$\frac{1}{2}$	inch Meters	.....	\$ 2 00
"	$\frac{3}{8}$	"	.....	3 00
"	$\frac{3}{4}$	"	.....	4 00
"	1	"	.....	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 29, 1898.—“No rental shall be charged for meter on premises where water is used for household purposes only.”

Schedule of Meter Rates, 1898.

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

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

Minimum annual charge for water by Meter \$4.00.

STREET FOREMAN'S REPORT.

HALIFAX, N. S., *May 1, 1899.*

F. W. W. DOANE, ESQ.,

City Engineer.

DEAR SIR,—I beg to submit statements showing the work performed and material used in 1898-9.

All of which is respectfully submitted.

JOHN McDONALD,

Foreman of Streets and Sewers.

SEWERS

Number.	LOCATION.			Size in inches.	Material.	Length in Feet.	No. of manholes.	No. of drain connections	No. of catchpits.
	Street.	From	To						
1	Prince	East side Barrington.	West side	14x21		61.7			
2	Birmingham	South end of sewer	Southerly	9"	C.	73.0	1		
3	McCully	Agricola	Westerly	12x18		215.0	1	6	
4	Charles	Robie	Hunter.	14x21		573.5			
"	"	Hunter	E. of Windsor	12x18		575.		6	16
5	Dresden Row	S. of Rottenburg	Rottenburg	16x24		108.9			
"	"	Rottenburg	S. Sp. Gd. Rd.	12x18		380.2		2	21
6	Argyle	Duke	Southerly	14x21		138.4			
"	"	M. H. south of Duke.	George	12x18		263.4		5	13
7	Clifton	Charles	Willow	14x21		291.6			
8	Willow	M. H. W. of Robie	M. H. E. Win'r.	12x18		934.5		5	24
9	Lucknow	Fenwick	Southerly	12x18		366.6		2	2
10	Queen	Artillery Place	Northerly	12x18		182.4		1	2
11	Pleasant	M. at Distillery	Southerly	12x18		161.0			2
Total						4324.4	23	86	

C.—Crock pipe. All others concrete.

CONSTRUCTED IN 1898.

Average depth in feet	Average depth of earth in feet.	COST OF WORK.			COST PER LIN. FOOT.			Sewerage rates at \$1.25 per lineal foot frontage.	FOREMAN.
		Labor and Truckage.	Material, including concrete.	Total.	Labor and Truckage.	Material and Concrete.	Total.		
.....	\$ 50.93	\$ 52.10	\$ 103.03	.83	.84	1.67	\$ 171.80	Colin McGillivray.
.....	52.28	43.96	96.24	.71	.60	1.31	214.52	" "
.....	513.43	233.51	746.94	2.39	1.08	3.47	515.00	Wm. Hawley.
.....	2220.72	1221.40	3442.12	1.93	1.06	2.99	2019.00	Colin McGillivray.
.....	1116.56	498.12	1614.68	2.28	1.01	3.29	1123.05	Wm. Hawley.
.....	836.71	485.85	1322.56	2.08	1.21	3.27	406.95	" "
.....	2943.44	1325.25	4268.69	2.40	1.08	3.48	491.73	Colin McGillivray.
.....	414.41	347.93	762.34	1.13	.95	2.08	2398.24	" "
.....	520.69	189.02	709.71	2.85	1.04	3.89	941.78	William Hawley.
.....	405.38	152.23	557.61	2.51	.95	3.46	478.14	Colin McGillivray.
.....	\$9074.55	\$4549.37	\$13623.92	2.10	1.05	3.15	391.02	Wm. Hawley.
.....							\$9151.23	

CONCRETE CATCH-PITS BUILT IN 1898.

NAME OF STREET.	LOCATION OF CATCH-PIT.	No.
Windsor Street	Corner of Lawrence Street	1
“ “	“ Duncan Street	1
“ “	“ Williams Street	1
Duncan Street	“ Windsor Street	2
Creighton Street	“ Falkland Street	2
Falkland Street	“ Creighton Street	2
Maynard Street	“ Falkland Street	4
Almon Street	“ Agricola Street	1
Gottingen Street	“ Black Street	1
Hanover Street	“ North Starr Street	2
Lower Water Street	“ Fawson Street	1
Sackville Street	“ Barrington Street	2
Prince Street	“ Barrington Street	1
North Street	“ Maynard Street	1
North Street	“ Creighton Street	1
Gerrish Street	“ Maitland Street	1 circle.
Hayward Street	“ Bloomfield Street	1 circle.
Young Street	“ “ “	1
Creighton Street	“ “ “	1 circle.
Macara Street	“ Agricola Street	2
Windsor Street	“ Charles Street	1
Windsor Street	“ Willow Street	1
George Street	“ Argyle Street	1
Blowers Street	West of Ainsley's Gate	1
Birmingham Street	Between Morris and Rottenburg Street	1
North Starr Street	North of Young Street	1
Sackville Street	Corner of Granville Street	1
Barrington Street	“ Sackville Street	1
Lockman Street	“ Gerrish Street	1
Spring Garden Road	“ Pleasant Street	1
“ “ “	Opposite Court House	1
Morris Street	Corner of South Park Street	1 circle.
Barrington Street	“ Buckingham Street	1
“ “	“ Jacob Street	1
“ “	Between Jacob Street and Hurds Lane	1
Granville Street	Corner of Buckingham Street	1
Barrington Street	“ Bells Lane	1
Sackville Street	“ Hollis Street	1
Morris Street	“ Pleasant Street	1
Morris Street	Between Pleasant and Dundonald Streets	1
Total		49

STREETS MACADAMIZED IN 1898.

Street.	LOCATION.		Pay Roll.	BROKEN STONE.			SCREENINGS.		Total Cost.	
	From	To		No. of Bushels	Cost @ 3½c per bushel	Cost @ 4c. p r bushel.	Cost @ 7c. per bushel.	No. of Bushels.		Cost @ 4c. per bushel.
Blowers	Barrington	Argyle	\$28 04	712	.....	.....	\$49 84	308	\$12 32	\$90 20
"	Grafton	"	34 79	322	.....	.....	.....	476	19 04	66 71
Maynard	Cunard	Gerrish	108 47	2982	\$104 37	\$12 88	.....	.....	.....	212 84
*Sackville	Granville	Barrington	11 24	140	.....	5 60	.....	.....	.....	212 84
"	"	Hollis	21 13	252	8 82	.....	.....	140	5 60	22 44
+Cogswell	Brunswick	Gottingen	58 08	966	33 81	.....	.....	28	1 12	31 07
Gerrish	Maitland	Maynard	190 32	4158	145 53	.....	.....	588	23 52	115 41
Queen	Rottenburg	Spring Garden Rd..	148 46	4536	.....	.....	.....	2170	86 80	422 65
Brunswick	Artz Lane	North Street	166 74	2814	98 49	.....	317 52	1386	55 44	521 42
"	Jacob	George	228 15	3066	.....	.....	.....	1372	54 88	320 11
Argyle	Buckingham	St. Paul	141 35	2142	.....	.....	214 62	42	1 68	444 45
Green	Pleasant	Westwardly	135 73	2352	.....	.....	149 94	1376	55 04	346 33
Buckingham	Brunswick	Albermarle	29 66	252	.....	.....	164 64	.....	.....	300 37
"	Barrington	Granville	9 40	238	8 33	.....	17 64	.....	.....	47 30
Hollis	George	Duke	42 66	686	.....	.....	.....	70	2 80	20 53
"	Sackville	King's Stables	10 35	28	.....	.....	48 02	406	16 24	106 92
Grafton	Blowers	Spring Garden Rd..	81 98	1498	98	.....	.....	182	7 28	18 61
† "	Jacob	Buckingham	7 24	126	.....	5 04	.....	.....	.....	186 84
Victoria Road	Lucknow	South Park	25 09	336	.....	.....	.....	.....	.....	12 28
Pleasant	Morris	Harvey	21 60	602	.....	.....	23 52	.....	.....	48 61
Windsor	Williams	Quinpool Road..	305 66	4340	151 90	.....	42 14	322	12 88	76 62
*Spring Garden Rd.	Pleasant	Queen	73 75	2394	.....	.....	.....	.....	.....	457 56
"	Dresden Row	Brenton	93 95	1400	.....	.....	167 58	1204	48 16	289 49
Bell Road	Summer	Robie	310 74	1022	.....	40 88	98 00	952	38 08	230 03
|| Granville	Buckingham	Duke	28 66	10680	.....	.....	747 60	4528	181 12	1280 34
|| Barrington	"	Southwardly	22 97	434	15 19	.....	.....	280	11 20	55 05
† Salter	Barrington	Hollis	36 72	112	3 92	.....	.....	210	8 40	38 72
Morris	Pleasant	Dundonald	105 15	1750	.....	.....	.....	.....	.....	40 64
Carlton	College	Spring Garden Rd..	115 95	3878	.....	70 00	.....	.....	.....	175 15
							271 46	.....	.....	387 41

* South side only. † North side only. ‡ West side only. || East side only.

COST OF GRANITE CROSSINGS LAID IN 1898.

Side of street.	LOCATION.		Labor pay roll.	BROKEN STONE.			Sand @ 4c. per bushel.	Gravel @ 4½c. per bushel.	Paving setts @ 7c. each.	18" Granite Crossings @ 46c. per foot.	Total cost.
	Street.	At		Poor Association @ 7c. per bushel.	Crusher @ 4c. per bushel.	Screenings @ 4c. per bushel.					
S	North Street	Lockman Street	\$ 21 26				\$1 12	\$ 5 60	\$ 16 10	\$ 44 08	
E	Barrington Street	Bells Lane	25 72				\$2 38	23 17	27 14	78 41	
	Queen Street	R. E. Mess	8 74				56	9 10	13 80	24 05	
	Morris Street	Lorne House	6 93				56	8 75	13 88	30 12	
N	Creighton Street	Falkland Street	22 52		\$1 12			2 97	11 69	18 55	56 85
N	Allen Street	Windsor Street									
N	Lawrence Street	" "	45 28	\$7 84	1 12		2 80		28 14	44 04	129 22
N	Compton Avenue	" "									
N	Willow Street	Robie Street	19 96	3 92			1 68		12 46	18 02	56 04
E	Creighton Street	Gerrish Street	15 16					7 70	13 03	35 89	
W	Robie Street	Morris Street	23 80					2 38	28 00	45 84	100 02
N	Morris Street	Robie Street									
	Upper Water Street	North Slip	8 20		* 49		56		7 28	10 12	26 65
	Brunswick Street	N. of Artz Lane	8 75						8 05	11 50	28 30
N	North Street	Robie Street									
E	Robie Street	North and Cunard Sts									
W	Robie Street	Cunard Street									
N	Cunard Street	Robie Street	205 49	20 58		\$5 04	3 92	10 71	86 10	139 69	471 53
S	" "	" "									
S	Compton Avenue	" "									
N	Almon Street	Isleville Street	60 45	3 92			1 12	59	20 51	38 64	125 23
N	" "	Agricola Street									
W	Robie Street	Jubilee Road	11 68					59	11 41	14 95	38 63
S	Gerrish Street	Maynard Street	15 65						7 84	11 96	35 45

* Stone @ 3½ cents. City Prison.

OLD CROSSINGS RE-LAID.

W	Granville Street	Blowers Street	\$ 21 17	\$ 98		\$ 56	\$1 19		23 90
W	Pleasant Street†	Smith Street	17 26	2 94		56	59		21 35
N	Salter Street	Hollis Street	11 38			56	\$11 40		23 34
E	Barrington Street	Sackville Street	20 58		\$2 24	1 12	60	10 71	35 25
E	Grafton Street	Jacob Street	12 00			56	60	9 10	29 47
W	Barrington Street	Blowers Street	44 40			1 12	1 19	50 40	97 11
W	Argyle Street	" "							
E	Granville Street	Sackville Street	12 84				1 19	24 15	38 18
E	Albermarle Street	" "	2 50						2 50
S	Sackville Street	Summer Street	25 28				2 38	38 60	61 26
E	Granville Street	Salter Street	29 98				2 38	21 56	53 92
W	" "	Buckingham Street	18 52			56	59	14 70	57 87
W	Pleasant Street	Morris Street	6 94	98			60	2 80	11 32
F	Queen Street	Spring Garden Road	71 24	9 80		3 36	4 16	59 22	147 78
W	Birmingham Street	" " "							
E	Dresden Row	" " "							
W	" "	" " "							
E	Brenton	" " "							

† Laying corner gutter included.

**Paving Lower Water Street, Electric Tram Company
Section.**

Pay sheet, July 18th, 1898	\$ 23 43
“ “ August 1st, 1898	21 25
11½ Barrels of Cement, at \$2.40	27 60
166 Bushels of Sand at 4c	6 64
252 “ “ Gravel at 4¼c	10 71
112 “ “ Broken Stone at 4c	4 48
2370 Paving Setts at 7c	165 90
Total	\$260 01

WORK PERFORMED BY CITY HORSES.

WORK.	QUANTITY.	Cost per hour, bbl., or bushel.	Total Cost.
Street Sprinkling and Cleaning	4281 hours.	\$0 40	\$1712 40
Young Avenue Sewer	1059 "	"	423 60
Permanent Pavement	193 "	"	77 20
Streets	170 "	"	68 00
Coal Trackage for City Hall	48 "	"	19 20
Hauling broken stone to Poor Asylum	9520 bushels.	0 03 $\frac{1}{4}$	309 40
Hauling sand and gravel	4007 "	0 01 $\frac{3}{4}$	70 10
Hauling Cement	744 barrels.	0 08	59 52
Sewers—General truckage	620 hours.	0 40	248 00
			\$2987 42

WORK PERFORMED BY STEAM ROLLER.

Streets	1082 $\frac{1}{2}$ hours.		
Permanent pavement	316 $\frac{1}{2}$ "		
Sewerage	57 $\frac{1}{2}$ "		
Lockman Street widening	5 "		
Water Works maintenance	23 "		
Miscellaneous	49 "		
	1533 $\frac{1}{2}$ hours.	\$0 66 $\frac{2}{3}$	\$1022 67

APPENDIX.

CONTRACTS, 1898.

WATER WORKS.

CONTRACTOR.	DESCRIPTION.	Quantity.	Rate.	Amount.
Jas. Hillis & Son.....	Special Castings .....	.02 $\frac{1}{8}$ lb.	.....	.....
		.02 lb.	.....	.....
Wm. Stairs, Son & Morrow	T. & B. water pipe, April shipment .....	.01 1.5 lb.	.....	.....
" " " "	" " " June "	2000 ft. 6 in.	\$36 00 ton	\$1209 60
Montreal Pipe Foundry Co.....	" " " 30 days "	8000 " "	34 00 "	4382 60
Chas. Morton	Truckage of pipes	3000 " "	34 00 "	1585 76
		104.1529 tons.....	38 "	39 80

SEWERAGE.

Jacob Miller	Brick at City siding	60015	\$ 8 00	\$ 480 12
Brookfield Bros	Drain pipe, 9" straight	960 feet	17 $\frac{1}{4}$	170 40
	" " " 6" "	999 "	10 $\frac{1}{4}$	102 40
	" " " 6" slants	235	18	42 30
	" " " 6"x6" Y's	25	55	13 75
	" " " 9"x6" "	20	85	19 00
S. M. Brookfield	Cement 375 lb. gross	1000 bbls.	2 29 $\frac{1}{2}$	2295 00
Jas. Freda	Sand	13469 bushels	02 $\frac{3}{4}$	968 38
	Gravel	17885 "	03 $\frac{1}{4}$	

STREETS.

City Prison	Hand-broken Stone	21532 bushels	03 $\frac{1}{2}$	753 62
Poor Association	" "	50735 "	06 1-5	3144 48

CONTRACTS, 1898.—(Continued.)

INTERNAL HEALTH.

George Harvey	Horses and driver for street sprinkler.....		\$ 2 75 day	
David Elliott	Removal of ashes and garbage	30 weeks	44 90	\$ 1347 00

CITY PROPERTY.

George F. Brady.....	Repairs Small Pox Hospital.....			\$ 395 24
Lowe & Ebsary	Wall around Egg Pond.....			554 00
"	Coping Egg Pond.....			93 00

YOUNG AVENUE.

Mary F. Ward	Purchase of house.....			\$ 175 00
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BATHS.

D. W. B. Reid	Pier at Greenbank.....			\$ 265 00
John MacLanes & Son.....	Floating bath			2576 00
	Casks.....	20.....	\$ 1 50.....	30 00
	Knees	14.....	5 00.....	70 00
Kavanagh & Co.....	Casks.....	24.....	1 50.....	36 00

MISCELLANEOUS.

Black Bros. & Co	Hardware		Schedule	
	{ Coal egg, hard, ton 2000 lbs	Est. 140 tons	\$4 08	
	{ " Acadia nut, ton 2000 lbs	" 50 "	2 45	
Wm. Roche	{ " lump, ch. 3000 lbs	" 60 chaldrons	4 39	
	{ " Sydney (shop) ch. 3000 lbs.....	" 5 "	4 60	
	{ " Sydney (City Hall) 3000 lbs	" 4 "	4 20	
	{ " Albion slack, ton 2000 lbs.....	" 12 tons	1 85	
Peoples Heat & Light Co	Coke, ton 2000 tons.....	" 100 "	3 25	

DETAILS OF COST OF WORK, 1898-9.

Certificate of cost of Concrete Sidewalks constructed under the provisions of section 14 of chapter 60 of the Acts of 1890 and Acts in amendment thereof, during the year 1898.

Number.	PROPERTY OWNER.	Area of concrete sidewalk in front of property in square yards.	Cost of laying concrete per square yard.	Cost of laying concrete in front of property.	Cost of grading, re-setting, narrowing, filling up, &c., hatches, coal holes, &c.	Total cost of sidewalk in front of property.	Amount to be charged against the property owner one-half cost.
Granville Street, east sidewalk between Buckingham Street and Duke Street, and north sidewalk on Duke Street, east of Granville Street.							
127-9	John Murphy	88.53	\$1 49	\$131 91	\$13 89	\$145 80	\$72 90
131-3	H. G. Woods	34.64	1 49	51 61	5 76	57 37	28 69
135-7	A. & W. MacKinlay	44.82	1 49	66 78	1 20	67 98	33 99
139	Dev. Wm. M. Harrington	16.92	1 49	25 21	15 30	40 51	20 26
141	Meth. Con. Rev. S. F. Huestis, Agt	18.28	1 49	27 24	18 06	45 30	22 65
143	Coleman & Co	18.54	1 49	27 62	18 80	46 42	23 21
145-7	Mrs. Sarah Allwerth	16.90	1 49	25 18	23 55	48 73	24 37
149	Edward Clayton	19.30	1 49	28 76	4 88	33 64	16 82
151	A. B. Boak	19.82	1 49	29 53	2 20	31 73	15 87
153	Dev. J. B. Duffus	21.46	1 49	31 98	4 55	36 53	18 27
155	Wm. Duffus	18.47	1 49	27 52	15 15	42 67	21 34
157-9	W. H. Johnson	47.19	1 49	70 31	.....	70 31	35 16
Barrington Street, east sidewalk, between Duke Street and Buckingham Street.							
211-215	Mrs. Frances Morrissey	38.30	\$1 60	\$61 28	\$ 8 32	\$69 60	\$34 80
217-9	E. & A. Thompson	39.71	1 60	63 54	.....	63 54	31 77
221	A. & W. Smith & Co.	21.93	1 60	35 09	.....	35 09	17 55
223-7	Miss Ann Lawson	56.82	1 60	90 91	26 62	117 53	58 77
	" " "	Gr'nite	.....	4 59	.....	44 59	22 30
229	Dev. James Mooney	18.40	1 60	29 44	14 50	43 94	21 97
233	Mrs. Celia Lethbridge	23.93	1 60	38 29	.....	38 29	19 15
237 } 239 }	J. E. Roy	36.57	1 60	53 51	3 33	61 84	30 92

DETAILS OF COST OF WORK, 1898-9.—(Continued.)

Number.	PROPERTY OWNER.	Area of concrete sidewalk in front of property in square yards.	Cost of laying concrete per square yard.	Cost of laying concrete in front of property.	Cost of grading, re-setting, narrowing, filling up, &c., hatches, coal holes, &c	Total cost of sidewalk in front of property.	Amount to be charged against the property owner one-half cost.
Barrington Street, east sidewalk, from Sackville Street southwardly.							
47-9	Mrs. Augusta Connor	38.21	\$1 78	\$ 68 01	\$13 12	\$81 13	\$40 57
53-7	H. G. Marr	38.32	1 78	68 21	3 76	71 97	35 99
Pleasant Street, east sidewalk from Morris Street southwardly and eastwardly on Morris Str. et.							
215	James McGregor.....	81.60	\$1 82	\$148 51	\$9 79	\$158 30	\$79 15
36	James McLeod	26.01	1 82	47 34	9 44	56 78	28 39

I certify the foregoing statement to be correct.

F. W. W. DOANE,
City Engineer.

City Engineer's Office,
July 7th, 1899.

DETAILED COST OF CONSTRUCTION.

LOCATION.	COST OF WORK.							Total No. square yards.	Cost per square yard.
	Pay Roll.	Cement \$2.40 bbl.	Broken Stone 4c. t ushel.	Sand at 4c. bushel.	Gravel at 4½c. bushel.	Wear and tear of plant, tools &c., 2%	Total.		
Granville Street.	\$261 96	\$234 00	\$16 72	\$11 68	\$10 37	\$10 69	\$ 545 42	364.87	\$1 49
Barrington Street Duke Street to Buckingham Street	195 46	148 80	11 76	7 84	6 33	7 40	377 59	235.66	1 60
Barrington Street Sackville Street southwardly ..	85 00	40 80	2 80	2 24	2 97	2 67	136 48	76.53	1 78
Pleasant and Morris Street..	120 32	58 80	3 92	5 04	4 16	3 84	196 08	107.61	1 82
	<u>\$662 74</u>	<u>\$482 40</u>	<u>\$35 20</u>	<u>\$26 80</u>	<u>\$23 83</u>	<u>\$24 60</u>	<u>\$1255 57</u>	<u>784.67</u>	<u>\$1 60</u>