

water, which is allowed to occur and increase constantly throughout this city, is checked or brought within reasonable control, it will be absolutely necessary, for the safety of the city, to continue this precaution; whereas, if the great bulk of waste were suppressed, which is quite practicable, the necessity in the majority of cases would no longer exist, as the normal pressure of the water would be so greatly augmented.

So much has been written in previous reports upon the difficulties under which the department labors, and the evils arising from this extravagant waste of water, that I feel any further allusion to it here would be unnecessary.

Improved pipe scraping machines are now being made at the workshops of the Board for further cleaning operations, to be carried out during the coming working season, and I have little doubt when these are completed that the works will be in a still more efficient condition.

Referring to Nicholson's Dam, at Long Lake, which is a large earthen structure surmounted with a stone parapet, it has been stated in previous published reports that "the original proposal to deposit material along the face of the Dam in order to make good the deficiencies in the inner slope, has not yet been adopted," and, "this work cannot be neglected without running the risk of portions of the new wall sliding in the lake."

I have now to report that after a heavy N. E. gale last autumn, about 200 feet of this wall began to show signs of movement, and since that time this portion of the work has gone inwards towards the lake from 4 to 6 inches.

Although it is not apprehended that any serious consequences would immediately follow, if any part of the parapet-wall were to fall, yet it is highly advisable, as well for the sake of economy as for the safety of the Dam, to run no risks in the matter. I would therefore call attention to the necessity of making good the damage, and completing the work as designed in 1877, without any delay. The estimate for this in 1879 was \$1,500, but owing to the repairs now needed, that estimate will probably be exceeded. Much of the work can be done to best advantage while the lake remains frozen.

Appended will be found a plan showing the arrangement of the pipes, valves, hatch-boxes and man-holes, at St. Andrew's.

cross, the point at which the 24 inch and 15 inch High and Low Service mains terminate. There are other localities in the city where the pipes are almost as complicated, but owing to the fact that no measurements, sketches or other data have been preserved, it is impossible now to make correct drawings without digging up the ground to ascertain, beyond a doubt, how they were originally laid. I may again repeat, as in some former reports, that there are no correct or proper plans of the water works in existence, without which it is extremely difficult to deal readily and intelligently with questions constantly arising. To prepare these plans, as they should be, would involve several months of steady labor by a competent Engineer, unhampered with any other duties. I have previously had occasion to recommend that in the interests of the city this work should be done. The attempt has been made, on several occasions, to utilize the labor of Engineering Students, in making the necessary surveys, measurements and plans, for the above purpose, but so far the results have not been satisfactory.

Your Board is aware that the old style of fire-hydrants, of which there are about 250 in use, are set in brick chambers, or man-holes covered with large cast-iron hatches. These hatches have been known to occasion accidents, besides which the plan is objectionable, chiefly on account of the liability of the hydrants to become frozen during severe weather in the winter. The new hydrants, introduced a few years ago, being protected by a frost jacket, are free from this difficulty, as far as it is practicable to make them so. As more hydrants will soon be required, and there are a number of old ones in store, I am now having one of them altered and provided with a frost jacket, by way of experiment, to see if they cannot all be utilized in that way. The cost of the alterations I do not think will be heavy, and if they should prove satisfactory I would advise gradually altering all the old hydrants in the same manner, as occasion may require their temporary removal for repairs.

I feel that this section of my report should not be brought to a close without a reference to the loss which the Board and the City have sustained in the removal by death of Mr. John P. Muir, a respected citizen, and an old public servant, who was for many years connected with the City Works. Mr. Muir held the position of Superintendent of the Water Works, under the old Halifax Water Company, and under the Commissioners after the City purchased the Works. At the formation of the present Board of Works, in 1872, the

office of Superintendent being abolished, Mr. Muir was unanimously elected Foreman of City Works, by the Council. This position he continued to fill with credit, being a hard worker and zealous in the discharge of his duties. Although his health had been failing for some years back Mr. Muir was able to attend to his duties with few interruptions up to the 4th of May last, when he was prostrated by weakness and complications of a serious nature, which terminated in death on the 14th of the present month.

SEWERS.

A brick sewer, in accordance with the improved sewerage plan, was built in Inglis street, from South Park street to Ivanhoe street, a distance of 370 feet. One man-hole and two ventilators were built in this sewer, the size of which is 33 inches in height by 22 inches in width, and the average depth from the surface to invert is 10 feet.

The cost will be found in the list of contracts let.

The above was the only new sewer built during the season.

STREETS AND ROADS.

Accounts of work done in this department will be found in the Schedules appended.

On the 18th of May last, a contract was entered into with Mr. John Naylor for cleaning and watering the principal streets and roads for a term of three years, at the rate of \$1,000 per month. In performing the work he is allowed the use of one of the city road scrapers, two sweeping machines, and thirteen watering carts; all additional apparatus required is furnished by the contractor. The length of the streets and roads included in the contract is as follows:—

- | | | | |
|----|--------------------------|------------------|-------------|
| 1. | To be cleaned weekly.... | 12,570 feet.... | 2.38 miles |
| 2. | do. fortnightly. | 26,460 feet.... | 5.01 miles |
| 3. | do. monthly.... | 102,340 feet.... | 19.38 miles |
| 4. | To be watered daily .. | 115,380 feet.... | 21.85 miles |

Schedules giving the names of these streets and the points where the work commences and terminates are given in the appendix.

As a rule the cleaning operations have been faithfully attended to, but the same remark cannot be applied to the watering, and, if it is the intention to keep the contractor

close to the mark in this respect, it will be necessary to employ some trustworthy person to do little else than follow up the work as it is done.

A new style of pavement for foot paths known as "Improved Brockenshire Pavement"—which is an artificial asphalt—was introduced in the Summer of 1880. The experimental portions then laid having successfully withstood the extremes of both Summer and Winter, it was decided to give the material a trial on a larger scale, which was done last Autumn. The old brick sidewalk on the east side of Barrington Street, between George Street and Prince Street, (which is one of the greatest thoroughfares in the city,) having long since become unfit for use and almost dangerous was taken up, and "Improved Brockenshire Pavement" was laid in its place. This and other smaller portions of sidewalks laid by the Agent of the Company have, up to the present date, proved satisfactory. The owners of property in front of which this material has been used and the public seem pleased with the pavement, and should it continue to give satisfaction, its general adoption in the place of our worn out brick foot paths would appear advisable. Compared with most other styles of pavement it has the advantage of cheapness on its side. Its ultimate wearing qualities can only be determined after it has been in use some years. Its cost is about 75 cents per square yard of which the proportion paid by the city to the agent last year was 40 cents per square yard.

Owing to the extension of the Intercolonial Railway into the city during the past season, Water Street from Gray's Lane northwardly has been so much narrowed that it cannot conveniently accommodate the heavy traffic to and from the North Street Depot, which formerly passed through that thoroughfare. Much of this traffic is now forced to go by way of Lockman Street which at some points is little more than 30 feet wide. To attempt to drive a light vehicle through either of these streets at times when much business is being done is a feat attended with considerable risk, and if the traffic between the centre of the city and North Street Depot should increase much more, the probabilities are that there will be occasional accidents of a more or less serious nature, until some better accommodation is afforded.

A short time ago a petition from a number of citizens was presented to the City Council asking for a new street to be opened from North Street to Cornwallis Street, midway

between Lockman and Water Streets, a special report on which was sent to you. The object of the petitioners is to provide for the heavy and increasing traffic to which I have just alluded. My own impression is that the purpose of the petitioners would be equally well served, and it would be a better public improvement to widen Water Street to a width of 80 or 90 feet from the sharp bend opposite Cunard's wharf to North Street, especially as we have already more streets to maintain, light and drain than the city can afford to do creditably.

I would recommend taking into serious consideration the advisability of paving Water street with blocks of granite. This thoroughfare consumes thousands of loads of hand broken stone annually in repairs. In a very few days after the surface of the roadway has been thoroughly renovated, the stones become ground into powder and form the mud, dust and dirt of Halifax every day life. A granite block pavement, although at first more costly than macadam, would, if faithfully laid, prove the cheapest in the long run, and if attended to with ordinary care, there would be no mud or dust from it.

I have in previous reports called attention to the advisability of the city acquiring new workshops with ample yard room for the Board in some central locality not far removed from the Board's offices. There is little doubt that a suitable property could be obtained at a reasonable rate on Albermarle, Grafton or Argyle Street. If this were done the work of the department could be better attended to and controlled. Some of the permanent hands could reside upon the premises. The advantages of which would be that a better system of discipline could be maintained at less expense than is now incurred; they would always be in readiness night or day for any emergency that may arise, and the city horses could be kept there cheaper and to more advantage than under the present system of paying for their board elsewhere.

The North Slip property having been conveyed to the Dominion Government for the purpose of the extension of the Intercolonial Railway into the city, the Board will shortly be deprived of that public landing place and storage yard for street materials. Unless some other landing place is acquired in the North End for the same purpose, the city will be put to the expense of wharfage or of paying additional rates for truckage on materials landed further

South and used in the North suburbs. It would be economy to have at least three such landing places with moderate storage room at each for these materials; one in the North, one in the Centre, and one in the South end of the city. The public wharf at the South Slip could be utilized for the purpose as the central wharf, though its limited area is an objection and adds to the necessity of having the principal storage yard in connection with the workshops in some central locality. The city water lot on South Hollis Street could advantageously be converted into a landing and storage place for the South End.

Before closing this report I would call attention to the fact that the general practice has always been, whenever new streets are dedicated to the city or changes of any kind are made affecting the boundaries of streets or properties, to place the plans on file in the Crown Land Office, so that there are now a large number of these plans in the custody of the Crown Land Department which cannot be of the slightest interest or value to the Government. Such plans in the future should be filed in this office, and those now in the hands of the Government—if they cannot be transferred to the city—ought to be correctly copied and the copies kept here where they are needed for constant reference in determining lines and settling disputes. On such work as this, in making and perfecting the sewerage plans and details, besides a large amount of similar and more important work required in the Water Works Department, and in the keeping of clear and proper records of each years work, there is more than ample employment for a competent Assistant Engineer in this office, and it would be in the public interests to engage one permanently.

Respectfully submitted,

E. H. KEATING,

City Engineer.

Contracts Let in 1881.

DESCRIPTION.	RATES.		Additional work and extras.	Total Amount Paid.	CONTRACTS.	Date of Contract.
	\$	¢				
Cast iron sleeves clips, &c				1,004.46	Douglas & Co	16th June
Scraping Machines				377.00	Munro & Wisdom	16th March
Street Cleaning & Wat'g	1000	per month.		5,466.66	John Naylor	13th May
Painting Offices of Board				179.42	J. E. M. Taylor	23rd May
Cobble stones, 376 loads.	74	cts. per load) of 18 cwt.)		278.24	Blakney	
Sand, 1,552 bushels	2	cts. per bushel		31.04	Henry Horn	
Gravel, 16,860 "		"		337.20	C. Tufts	
Granite curbs, 1394-10	0.61			850.85	Andrew Yeadon	20th June
" shallow, 170-6	0.50			85.25	do.	"
" Gutterstones, 171-9	0.50			85.88	do.	"
" Crossings 142-2	0.50			71.08	do.	"
Altr'n Old Skating Rink	1,963.95		33.50	1,997.45	McIntosh & McInnes	14th June
Temporary do. for Exhb'n	46.00			46.00	do.	6th Sept.
Permanent Exhb'n Sheds						
Cattle Sheds, 875 feet	2	20		1,925.00	McIntosh & McInnes	2nd Aug.
Poultry " 400 "	0.30			120.00	do.	"
Pigs & Sheep Sheds 400 ft	0.50		20	220.00	do.	"
Miscellaneous contracts.	583.05		119.98	703.03	do.	6th Sep.
Implement Shed, 200 ft.	4.00		324.67	1,124.67	William Brush	3rd Aug.
Machinery Hall, 200 ft.	4.40		618.79	1,498.79	do.	"
Open Hose Sheds, 265 ft.	2.00			530.00	do.	"
Closed " 212 ft.	3.16			669.92	do.	"
Refreshment Shed, 156 ft.	2.13		97.30	430.10	do.	21st Aug.
Miscellaneous contracts.	228.50		35.22	263.72	do.	6th Sep.
2 Public Wells, Ward 6.				107.37	Simon McQuarry	20th Sept.
Brick Sewer, Inglis St.	1,197.00			1,130.43	Andrew Wood	4th Oct.
Fence 'round Public G'ns	0.58	per feet				
Double Gates for do.	33.00	per pair	34.30	788.14	William Brush	10th Oct.
Single do.	24.00	each				
Bell Tower, Queen St.	696.00			Not Completed	William Brush	7th Nov.

Rainfall, Snow, and Total Precipitation, 1881.

MONTH.	IN THE CITY OF HALIFAX.			AT LOWER CHAIN LAKE.		
	Rain.	Snow.	Total Precipitation.	Rain.	Snow.	Total Precipitation.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
January.....	2.737	8.7	3.607	2.76	5.0	3.30
February.....	2.939	23.9	5.329	3.46	16.0	5.07
March.....	5.915	6.4	6.556	5.70	1.5	5.85
April.....	3.236	2.6	3.498	3.13	2.5	3.43
May.....	2.460	0	2.460	1.89	0	1.89
June.....	5.301	0	5.301	4.60	0	4.60
July.....	3.177	0	3.177	3.52	0	3.52
August.....	3.062	0	3.062	3.30	0	3.30
September.....	3.105	0	3.105	3.28	0	3.28
October.....	4.206	0	4.206	4.09	0	4.09
November.....	3.120	13.0	4.420	2.20	8.0	3.50
December.....	6.574	4.6	7.034	6.37	5.0	5.82
	45.832	59.2	51.755	45.00	38.0	48.65

CONTRACT FOR CLEANING STREETS.

Lists of Streets cleaned weekly.

No.	Name of Street.	From	To	Distance.
				Feet.
1	Barrington.....	Sackville.....	Jacob.....	1,930
2	Bedford Row.....			950
3	Bell's Lane.....	Barrington.....	Water.....	120
4	Buckingham.....	".....	".....	230
5	Cheapside.....			130
6	Duke.....	Barrington.....	Water.....	470
7	Granville.....	Sackville.....	Buckingham.....	1,460
8	George.....	Barrington.....	Steamboat Dock..	800
9	Hollis.....	Salter.....	Water.....	1,960
10	Jacob.....	Barrington.....	".....	70
11	Passage.....	Bedford Row.....	".....	100
12	Prince.....	Barrington.....	".....	650
13	Sackville.....	".....	".....	640
14	Salter.....	Hollis.....	".....	220
15	Water.....	Salter.....	Jacob.....	2,840
			Total.....	12,570 ft

CONTRACT FOR CLEANING STREETS.

Lists of Streets cleaned fortnightly.

No.	Name of Street.	From	To	Distance.
				Feet.
1	Argyle.....			2,310
2	Bell's Lane.....	Argyle.....	Barrington.....	110
3	Bishop.....			270
4	Blowers.....	Argyle.....	Granville.....	320
5	Brunswick.....	Jacob.....	Hurd's Lane.....	280
6	Buckingham.....	Argyle.....	Barrington.....	130
7	Campbell Road..	Railway Bridge..	Ross.....	2,860
8	Cornwallis.....	Lockman.....	Water.....	270
9	Duke.....	Argyle.....	Barrington.....	130
10	Gerrish.....	Lockman.....	Water.....	330
11	Granville.....	Salter.....	Sackville.....	560
12	Hollis.....	Morris.....	Salter.....	1,100
13	Jacob.....	Brunswick.....	Barrington.....	570
14	Lockman.....	Jacob.....	Campbell Road..	5,700
15	Lower Water....	Fawson.....	Salter.....	1,520
16	Morris.....	Pleasant.....	Water.....	650
17	North.....	Lockman.....	".....	360
18	Pleasant.....	South.....	Sackville.....	2,370
19	Prince.....	Argyle.....	Barrington.....	130
20	Proctor's Lane..	Lockman.....	Water.....	150
21	Sackville.....	Argyle.....	Barrington.....	140
22	Salter.....	Pleasant.....	Hollis.....	300
23	Spring Garden Rd	Grafton.....	Pleasant.....	310
24	St. Paul's.....			140
25	Upper Water....	Hurd's Lane.....	Campbell Road..	5,150
26	Wallace.....			300
Total.....				26,460 ft

CONTRACT FOR CLEANING STREETS.

Streets cleaned Monthly.

No.	Name of Street.	From	To	Distance.
				Feet.
1	Agricola	Cunard	McCarra	3,930
2	Albermarle	Blowers	Jacob	2,330
3	Albert			300
4	Almon	Agricola	Gottingen	880
5	Annandale			260
6	Artillery Place			200
7	Artz Lane			720
8	Bates Lane			270
9	Bauer			630
10	Bell Road	Sackville	Robie	2,750
11	Bilby	Agricola	Gottingen	880
12	Bland	Inglis	Victoria Road	480
13	Blowers	Albermarle	Argyle	300
14	Brenton			890
15	Briar Lane			230
16	Birmingham			1,330
17	Brunswick	Sackville	Jacob	1,970
18	"	Hurd's Lane	North	3,650
19	Brunswick Lane			190
20	Brenton Place			200
21	Buckingham	Brunswick	Argyle	460
22	Carlton	College	Spring Garden Rd	330
23	Chestnut Place			260
24	Church			620
25	Cogswell	Park	Brunswick	1,580
26	Cornwallis	Park	Lockman	1,710
27	Creighton			3,390
28	Cunard	Windsor	Gottingen	2,860
29	Cunard Court			170
30	Dresden Row			1,700
31	Dundonald			420
32	Duke	Brunswick	Argyle	470
33	Falkland			700
34	Fawson			350
35	Garrick	John	Maynard	580
36	Gas Lane			300
37	George	Brunswick	Argyle	470
38	Gerrish	Maynard	Lockman	1,440
39	Gottingen	Cogswell	Young	6,100
40	Grafton			2,690
41	Gray's Lane			340
42	Green	Pleasant	400 feet west	400
43	Harvey			650
44	Hollis	Morris	South	620
45	Hurd's Lane			530
46	Inglis	Tower Road	Pleasant	2,300
			<i>Carried forward</i>	52,830 ft.

CONTRACT FOR CLEANING STREETS.

Lists of Streets cleaned Monthly.—Continued.

No.	Name of Street.	From	To	Distance.
				Feet.
			<i>Brought forward..</i>	52,830
47	James.....			350
48	John.....			690
49	Johns.....			300
50	Kent.....			860
51	Lucknow.....			970
52	Maitland.....			1,760
53	Maitland Terrace.....			270
54	Maynard.....			3,250
55	Mitchell.....			350
56	Morris.....	Tower Road.....	Pleasant.....	2,220
57	Moren.....			390
58	North.....	Robie.....	Lockman.....	2,290
59	North George.....	West.....	300 feet North...	300
60	North Park.....	Cogswell.....	Cunard.....	1,040
61	Pleasant.....	South.....	Bauld's House...	2,930
62	Poplar Grove.....			300
63	Prince.....	Brunswick.....	Argyle.....	480
64	Prince William.....			200
65	Proctor's Lane...	Brunswick.....	Lockman.....	290
66	Queen.....			3,540
67	Robie.....	Quinpool Road...	West.....	1,370
68	Rottenburg.....	Dresden Row...	Dundonald.....	680
69	Russell.....			1,250
70	Sackville.....	Summer.....	Argyle.....	2,740
71	Sarah.....	Moren.....	Agricola.....	180
72	South.....	Tower Road.....	South Park.....	260
73	".....	Hollis to 400 ft..	West of Queen...	400
74	South Park.....	Sackville.....	Inglis.....	2,820
75	South Hollis.....			300
76	Smith.....			400
77	Summer.....	Spring Garden Rd	Bell Road.....	2,050
78	Spring Garden Rd	Robie.....	Grafton.....	3,520
79	Starr.....			560
80	Tobin.....			900
81	Tower Road.....	Inglis.....	Spring Garden Rd	3,000
82	Victoria Road...			2,060
83	West.....			1,260
84	William.....			360
85	Young.....	McCara.....	Southwardly.....	620
			Total.....	102,340

WATER DEPARTMENT.

Lists of Streets where Water Pipes have been laid in 1881.

Name of Street.	From	To	Diameter of pipe —inches.	Length of pipe —feet.
Bennett's.....	Wharf.....		6	11
“.....	“.....	1 Fire Hydrant.		
Glacis Barracks.	North End.....	Soldier's Qrs....	6in to 3in	4
“.....	“.....	1 Fire Hydrant.		
North End.....	Magazine.....	Campbell Road..	6	162
“.....	“.....	1 Fire Hydrant.		
Service pipes..	Put in to.....	Houses lead....	$\frac{1}{2}$	1,799
“.....	“.....	Lead pipe.....	$\frac{3}{4}$	182
No. of feet excavated during the year 1881.....				2,158

Pipe Stock on hand December 31st, 1881.

Diameter.	No. of pieces.	Weight of one.	Weight in lbs.	Weight of whole.	Cost per lb.	Total Value.	REMARKS.
27	11	2651	29,168	.....		.....
24	8	3192	25,537	.....		.....
20	6	1263	7,578	.....		.....
15	7	1029	7,203	69,486	1 ^{00/100}	\$1129 14	
12	220	680	149,600	.....	"	.....
9	267	533	142,311	.....	"	.....
6	30	328	9,840	.....	"	.....
4	357	196	69,972	.....	"	.....
3	55	128	7,040	378,763	1 ⁸⁰	7158 62	
1½	121	22	2,662	.....		.....	Svce Stand Pipes
	127	10	1,270	.....		.....	" Plates.
	150	4	600	.....		.....	" Caps.
	87	1½	130½	4,662½	4	186 50	" Thimbles.
						\$8,474 26	

Wood Wedges.

Diameter.	No. of pieces.	Weight of one.	Weight in lbs.	Weight of whole.	Cost of each.	Total Value.	REMARKS.
24	2120	.....	.....	.....	.....	.....
20	600	.....	.....	.....	.....	.....
15	6000	.....	.....	.....	.....	.....
12	2000	.....	.....	.....	.....	.....
9	1800	.....	.....	.....	.....	.....
6	7420	.....	.....	19,940	1	\$199 40	
Key.	2000	.....	.....	2,000	1-5	4 00	
						\$203 40	

Branch Pipes and Irregular Pieces.

No. of Pieces.	Diameter.	Descriptions.	Weight of one in lb.	Weight of the whole.	Total weight.	Cost.	Total cost.
3	27	Bell Mouth Pieces.	831	2493	2,493	31 $\frac{1}{2}$	\$97 60
1	24	Cap.	290	290			
14	24	Thimbles.	396	5544			
8	20	Thimbles.	234	1872			
1	20	Cap.	200	200			
3	15	D. B. of 3 in.	896	2688			
3	15	" 6 in.	660	1980			
1	15	S. B. of 15 in.	812	812			
2	15	V. B. of 15 in.	1012	2024			
1	15	Cap.	54	54			
1	15	Clamps.	110	110			
7	15	Thimbles.	234	1638			
1	15	S. B. of 12 in red'g to 12 in	500	500			
1	15	Reducing to 12 in.	400	400			
1	15	" 6 in.	232	232			
2	15	" 9 in.	252	504			
2	15	Reducing to 6, no facet..	232	464			
3	12	D. B. of 9 in.	500	1500			
1	12	A Piece.	50	50			
6	12	Caps.	45	270			
14	12	Thimbles.	160	2240			
2	12	S. B. reducing to 9 in.	200	400			
3	12	" 6 in.	231	693			
3	12	Reducing to 9, no facet..	252	756			
2	9	Extra Branches.	384	768			
2	9	S. B. of 9 in.	400	800			
12	9	D. B. of 9 in.	351	4212			
7	9	Offsets.	136	952			
5	9	Caps.	36	180			
10	9	D. B. of 9 in.	411	4110			
3	9	" 6 in.	354	1062			
7	9	Reducing to 6, no facet..	121	847	38,352	22 $\frac{3}{4}$	
7	9	Thimbles.	107	749			
22	6	D. B. of 6 in.	223	4906			
14	6	" 3 in.	180	2520			
10	6	S. B. of 6 in.	203	2030			
6	6	" 4 in.	180	1080			
7	6	" 3 in.	160	480			
7	6	Reducing to 4 in, no facet	124	868			
8	6	" 3 in, "	114	912			
7	6	" 4 in, "	94	615			
7	6	" 3 in, "	74	518			
18	6	Thimbles.	71	1278			
4	6	Caps.	27	108			
21	4	D. B. of 4 in.	123	2583			
2	4	S. B. of 4 in.	100	200			
3	4	A. B. of 4 in.	86	258			

Branch Pipes and Irregular Pieces.—Continued.

No. of pieces.	Diameter.	Descriptions.	Weight of one in lbs.	Weight of the whole.	Total Weight.	Cost.	Total cost.
25	4	Thimbles.....	29	725			
37	4	Caps.....	8	298			
7	4	Reducing to 3 in, no facet	74	518			
5	4	“ “ with facet	84	420			
4	3	D. B. of 3 in.....	90	360			
5	3	S. B. of 3 in.....	81	405			
2	3	“ 2 in.....	75	150			
69	3	Thimbles.....	26	1794			
24	3	Caps.....	8	192			
8	2	D. B. of 2 in.....	28	224			
1	2	S. B. of 2 in.....	23	23			
8	2	A. B. of 2 in.....	23	184	24,398	22 $\frac{1}{4}$	
6	24	Split Thimbles & Bolts..	620	3720			
2	20	“ “	453	906			
14	15	“ “	260	3640			
19 $\frac{1}{2}$	12	“ “	222	4329			
24	9	“ “	133	3192			
22	6	“ “	92	2024			
18	4	“ “	64	1152			
6	3	“ “	48	288	19,251	2 $\frac{3}{4}$	\$529.39
1	24	Pipe Scraper 3 sets valves				\$138.50	
1	20	“ 2 “				100.00	
1	15	“ 4 “				100.50	
1	12	“ 2 “				60.00	
1	9	“ 2 “				47.00	
1	6	“ 1 “				35.00	481.00
4	12	Stop Cocks.....				79 $\frac{20}{100}$	316.80
5	9	“				55.00	275.00
9	6	“				32.00	288.00
5	4	“				24.00	120.00
1	3	“				18.00	18.00
1	2	“				12.00	12.00
6	15	Gun Metal Screws.....	28	168			
6	12	“ “	18	108			
6	9	“ “	14	84			
10	6	“ “	9	90			
9	4	“ “	6	54			
2	3	“ “	5	10			
8		Nuts.....	5	40	554	65	360.10
1	4	Fire Hy. (without jackets)				66.50	66.50
6	4	Old Pattern do.				50.00	300.00
11	2 $\frac{1}{2}$	Old Fire Hydrants.....				4.00	44.00
3	1 $\frac{1}{2}$	Domestic Hydrants, wood				4.00	12.00

Branch Pipes and Irregular Pieces.—Continued.

No. of pieces.	Diameter.	Descriptions.	Weight of one in lbs.	Weight of the whole.	Total weight.	Cost.	Total cost.
2	3	American Meters, gem...				\$75.00	\$150.00
1	2	Scotch Meters, kennedy..				94.70	94.70
1	1½	“ “				48.00	48.00
2	2	“ “				17.50	35.00
3	2	Siemens Meters.....				22.50	67.50
2	3	Pressure Gauges.....				16.50	33.00
100		Extra pieces for Fire Hy.				1.00	100.00
		Lead Pipe.....		1804	6¾		126.27
		Tin Tubing.....		260	40		104.00
		Brass Fittings.....		534	80		427.20
		Blacksmith Tools.....					100.00
		Carpenter Tools.....					100.00
		Grand Total.....					

RECAPITULATION.

Lbs.	Description.	Cost per lb. or price.	Value.	Total Value.
69,486	Pipe.....	1½	1129 14	
378,763	“.....	1¾	7158 62	
4,662½	“.....	4	186 50	
Nos. 19,940	Wood Wedges.....	1	199 40	
“ 2,000	“ Keys.....	1	4 00	
“ 2,493	Branch Pipes, &c.....	31½	97 60	
“ 62,750	“ “.....	2¾	1856 35	
“ 19,251	Split Thimbles and Bolts..	2¾	529 39	
Nos. 6	Pipe Scrapers from 24in to 6in		481 00	
“ 25	Stop Valves from 12in to 2in		1029 80	
“ 39	Gun Metal Screws, &c.....			
“ 8	Nuts.....	65	360 10	
“ 1	Fire Hydrant, New Style..	6650	66 50	
“ 6	“ Old Pattern	5000	300 00	
“ 11	“ Old Style..	400	44 00	
“ 3	Domestic Hydrants.....	400	12 00	
“ 10	Meters from 3 inch to ½ inch		395 20	
“ 2	Pressure Gauges.....	1650	33 00	
“ 100	Fire Hydrant Fillings.....		100 00	
Lbs. 1804	Lead Pipe.....	6¾	126 27	
“ 260	Tin Tubing.....	40	104 00	
“ 534	Brass Fittings.....	80	427 20	
	Blacksmith Tools.....		100 00	
	Carpenter Tools.....		100 00	\$14,840.07

STREET DEPARTMENT.

NO. 1.

List of Streets Graded and Macadamized, 1881.

No. of Ward.	STREETS.	FROM	TO	Graded.	Macadamized.	No. Bushels Broken Stones	REMARKS.
1	Hollis.....	Morris.....	Half way to Wallace.....	FT. 250	FT. 250	882	
"	South Park.....	Rottenburg.....	Spring Garden Road.....	450	20	56	
"	".....	Inglis.....	Half way to Victoria Road.....	187			Not finished.
"	South.....	South Park.....	Half way to Queen.....	450			
"	Pleasant.....	Harvey.....	Morris.....		300	1680	Where required.
"	".....	Pleasant.....	South Park.....		1950	11102	Where required.
"	Tower Road.....	South.....	Half way to Victoria Road.....		600	2142	
"	Pleasant.....	Victoria.....	Harvey.....		700	1722	Where required.
"	".....	Inglis.....	Bauld's.....	1350	450	1008	Not finished.
"	Henry.....	Morris.....	Cobour Road.....	600			Slight repairs.
1&2	Spring Garden Road.	Grafton.....	Robie.....		3600	3248	Where required.
2	Jubilee.....	Oxford.....	West End.....	2600			Slight repairs.
"	Louisburg.....	Jubilee.....	Quinpool Road.....	1200			Slight repairs.
"	Carlton.....	S. G. Road.....	Cemetery.....	200			"
"	Cedar.....	".....	".....	50			Not finished.
3	Prince.....	Barrington.....	Argyle.....		142	938	Cut down.
"	George.....	Granville.....	Steam Boat Wharf.....		300	1540	Where required.
"	Granville.....	Duke.....	George.....		300	910	

List of Streets Graded and Macadamized, 1881.—CONTINUED.

No. of Ward.	STREET	FROM	TO	Graded.	Macadamized.	No. Bushels Broken Stones	REMARKS
3	Hollis	Prince.	Sackville	Ft.	Ft.	84	Where required.
4	Water	Duke	Jacob	1200	100	3444	Part course gravel.
4	Park	Cogswell.	Half way to Bell Road.	750	750	3052	
4 & 5	Jacob	Argyle	Albermarle	300	300	252	Where required.
5	Quinpool Road	Gottingen.	St. Andrew's Cross.	200	.....	.....
"	North	Gottingen.	Robie	1500	.....	.....	Slight repairs.
"	Lockman	Cornwallis	Gerrish	1000	1000	6762	
"	Gottingen	Gerrish.	Falkland	1500	1500	7462	
"	Barrington	Jacob	Proctor's Lane	900	900	378	Where required.
"	Quinpool Road	.....	Opp. Wm. Flinn.	400	.....	.....	With Ward 2.
6	Russell	Campbell Road	Gottingen	900	.....	.....	Where required.
"	Campbell Road	Kenny	Room	600	600	5866	
"	Veith	Young.	Richmond	1200	3402	.....
"	North Starr	.....	Hanover	600	1470	.....
"	Young	Campbell Road	Union	600	910	.....
"	Lady Hammond Road	Gottingen	.....	1200	3178	.....
"	Kay	Campbell Road	Gottingen	1800	.....	.....	Slight repairs.
"	Gottingen	Kaye	Richmond	1000	500	3542	
"	Rector	Campbell Road	.....	250	.....	.....
"	Young	Gottingen	Opp. Wm. Quinn	450	.....	.....	Slight repairs.

No. 2.

List of Streets in which Curbing have been set.

WARD.	STREETS.	FROM.	TO.	NEW.		REMARKS.
				FT.	RESET.	
1	S. G. Road	Front of	Mr. Romans	30	30	
2	Barrington	Sackville	Blower	300	300	
"	Grafton	S. G. Road	"	418		
3	Barrington	St. Paul's	Prince	170		
"	Argyle	"	"	173		
"	Prince	Barrington	Argyle	156		South side. }
"	"	"	"	142		North side. }
4	Albermarle	Buckingham	Duke	305		East side.
"	Buckingham	Front of	Mr. Parker		24	
"	"	Corner of	Grafton		30	
"	Barrington	"	Bell's Lane	11	45	
"	Water	Foot Bell's	Lane		150	Where required.
4	"	Proctor's Lane	Cornwallis		300	Where required.
"	Cogswell	Bower	North Park	179		
"	North	At Gratings	"	8		

No. 3.

List of Crossings.

WARD.	STREETS.	FROM.	TO.	NEW.		REMARKS.
				FT.	FT.	
1	Pleasant	South side	Victoria	37	37	Paved with granite blocks.
1	"	North side	Harvey	36	36	" "
1	"	South side	Morris	36	36	" "
1	Morris	East side	Pleasant	38	38	" "
1	"	West side	"	37	37	" "
1	"	East side	Church	36	36	" "
1	Church	South side	Morris	29	29	" "
1	Kent	Corner of	Pleasant	37	37	" "
1 & 2	S. G. Road	"	Grafton	24	24	Partly done.
"	"	"	Queen	22	22	" "
"	"	"	Birmingham	25	25	" "
"	"	"	South Park	21	21	" "
3	Granville	North side	George	33	33	Double crossings.
3	George	East side	Granville	38	38	" "
4	Water	North side	Bell's Lane	28	28	" "
4	"	South side	"	27	27	" "

No. 4.

List of Streets in which Gutters have been paved.

WARD.	STREETS.	FROM.	TO.	NEW.	RESET.	REMARKS.
				FT.	FT.	
1	Pleasant.....	South.....	Kent.....	450		West side.
1	S. G. Road....	Barrington...	South Park.....	150		South side.
1	Dresden Row..	Opp. Hon.....	Mr. Butler.....	100		East side.
1	Victoria Road.	Near.....	Lucknow.....	75		North side.
1	Hollis.....	Morris.....	Half way to Wallace	250		West side.
2	Barrington....	Sackville.....	Blower.....	300		East side.
2	Grafton.....	S. G. Road....	".....	418		West side.
3	Argyle.....	St. Paul's....	Prince.....	173		East side.
3	Barrington....	".....	".....	170		West side.
3	Prince.....	Barrington....	Argyle.....	142		North side.
3	".....	".....	".....	156		South side.
4	Albermarle..	Buckingham..	Duke.....	305		East side.
4	Barrington....	Near.....	Bell's Lane.....	11	45	West side.
4	Water.....	".....	".....		150	South side.
5	".....	Proctor's Lane	Cornwallis.....		300	Where requir'd
5	Cogswell.....	Bauer.....	North Park.....		179	North side.
5	North.....	Gottingen....	Robie.....	1500		South side.
5	Creighton....	Near.....	North.....	200		South side.
6	Russell.....	Campbell.....	Gottingen.....	200		Where requir'd
6	Young.....	North Star..	Union.....	150		North side.
6	".....	Kaye.....	Opp. Mr. Quinn..	450		South side.
6	".....	Campbell Rd..	Renforth.....	150		Both sides.
6	N. W. Arm Rd	Opposite.....	Mr. Hurley.....	100		North side.
6	Almon.....	Gottingen....	Young.....	225		Both sides.

NO. 5.

Lists of Sidewalks Graded and Gravelled, 1881.

Ward.	STREET.	FROM	TO	Distance in ft.	Bushels of Gravel.	REMARKS.
1	South Park	Inglis	Half way Vict. Rd.	187	....	Not Finished.
1	"	Victoria Road	S. Garden Road	2100	....	Graded.
1	Rottenburg	South Park	Brenton	225	....	North Side Graded.
1	Tower Road	"	Morris	600	....	East Side Graded.
1	Morris	Pleasant	Birmingham	1200	770	North Side.
1	"	"	Church	200	182	Where Required.
1	Pleasant	South	Kent	450	....	West Side.
1	"	Morris	Wallace	375	168	Rock Cut Down.
1	"	Near	Inglis	200	....	East Side Graded.
1	Dundonald	Morris	To Factory	200	84	Gutter Cut Out.
2	S. Garden Road	South Park	Robie	1800	....	Graded Gutter Cut Out.
2	Carlton	S. Garden Road	Cemetery	200	....	Both Sides.
2	Grafton	"	Blower	418	28	West Side.
2	Barrington	Sackville	"	300	28	Where Bricks were bad New ones put down.
3	Argyle	St. Paul's	Prince	173	224	....
3	Barrington	"	"	170	168	West Side.
3	Prince	Barrington	Argyle	156	616	Both Sides.
3	Barrington	George	Prince	345	....	Brokenshire Patent.
3	Grafton	Duke	Sackville	900	152	East Side.
3	"	Prince	"	300	100	West Side.
3	Prince	Opposite	Mr. Knight	31	....	Brokenshire Patent.
4	Albermarle	Buckingham	Duke	305	252	East Side.
4	Barrington	Near	Bells Lane	40	56	West Side.
4	Water	"	"	150	546	Where Bricks bad New ones put down,
4	Buckingham	Opposite	Mr. Parker	24	42	....
4	Granville	Buckingham	Duke	300	84	Where Bricks were bad New ones put down.
5	Water	Proctor's Lane	Cornwallis	300	2660	Where Bricks were bad New ones put down.
5	Cogswell	Bauer	North Park	179	294	....
5	Maynard	Cornwallis	Cogswell	600	658	West Side.
5	Cunard	Robie	Maynard	1325	798	Where Required.
5	Agricola	West	Cunard	750	322	East Side.
5	Brunswick	Cornwallis	Hurd's Lane	975	406	East Side.
5	Gottingen	Gerrish	Cornwallis	1050	1274	East Side where Required.
5	North	Gottingen	Robie	1500	2002	Rock Cut Down.
5	Creighton	Near	North	200	350	West Side
5	Maitland	Gerrish	Prince William	450	238	Where Required.
5	Windsor	Near	Compton Avenue	200	70	Graded.
5	Creighton	Gerrish	Cunard	525	392	Both Sides where Required.
5	Gerrish	Gottingen	Maynard	450	84	Where Required.
5	Barrington	Opposite	Mr. O'Malley	35	98	East Side.
6	Campbell Road	Young	Kenny	1800	....	Both Sides where Required.
6	"	Duff	North	400	....	West Side Graded.
6	Russell	Campbell Road	Gottingen	400	....	Where Required Both Sides
6	Young	"	Renforth	150	84	Both Sides.
6	"	North Starr	Union	150	....	Graded.
6	"	Kaye opposite.	Mr. Quinn	450	....	South Side Graded.
6	N. W. Arm Rd.	Opposite	Mr. Hurly	100	....	North Side.
6	Almon	Go ttingen	Young	225	28	Both Sides.
6	Water	North	Gerrish	175	224	West Side where Required.
6	Lockman	Artz Lane	"	600	280	West Side.
6	North	Loekman	Brunswick	375	84	North Side.

No. 6.

List of Sewer Pipes, Branches, etc., in Store.

No.	SIZE.	CROCK PIPES AND BRANCHES.	SIZE OF BRANCH.
2	15	Single Branches.....	15
11	15	“ “.....	12
4	15	“ “.....	9
1	15	“ “.....	3
8	12	“ “.....	3
10	12	“ “.....	9
11	12	“ “.....	12
51	9	“ “.....	9
52	9	“ “.....	6
3	9	“ “.....	3
3	12	Double Branches.....	9
1	12	“ “.....	3
15	9	“ “.....	6
7	9	“ “.....	6
2	6	“ “.....	6
2	15	Angle Branches.....	15
11	15	.....	12
4	15	.....	9
8	15	.....	6
9	15	Pipes.....	6
4	12	“.....	
4	9	“.....	
12	6	“.....	
5	3	“.....	
1	15	Bend.....	
5	15	Elbows.....	
27	12	“.....	
44	9	“.....	

CLERK OF WORKS REPORT.

OFFICE OF COMMISSIONERS,

BOARD OF CITY WORKS,

March 20th, 1882.

To the Chairman and Commissioners Board of City Works:

GENTLEMEN,—In accordance with the usual practice, I have the honor to herewith submit, for your information, the annexed Report for the year ending December 31st, 1881, of the various disbursements for the different Departments under your control.

All of which is respectfully submitted.

J. B. JOHNSTON,

Clerk of Works.

*Statement showing Expenditure for Maintenance Account,
Water Department, for year ending 31st
December, 1881.*

COST OF SERVICE.

Labor.....	\$ 6,322 69
Salaries.....	3,239 25
Stationery.....	63 54
Printing and Advertising.....	48 21
Rent of Stores and Workshops.....	450 00
Gas.....	11 75
Hardware, Lead Pipe, etc.....	220 90
Sundry Castings.....	875 60
Insurance.....	2 50
Sundry Accounts for Bricks and Cement.....	181 34
Miscellaneous Accounts.....	381 70
	<u>\$11,797 48</u>

MONTHLY DISBURSEMENTS.

January.....	\$ 601 24
February.....	1,226 00
March.....	674 22
April.....	845 15
May.....	706 53
June.....	291 67
July.....	1,462 76
August.....	572 40
September.....	1,153 60
October.....	1,626 45
November.....	1,257 42
December.....	1,380 03
	<u>\$11,797 48</u>

*Statement showing Expenditure for Construction Account,
Water Department, for the year ending 31st
December, 1881.*

COST OF SERVICE.

Service Extension to houses (labor).....	\$ 412 26½
Sundry Castings.....	1,387 65
Hardware and Lead Pipe.....	525 35
Wooden Wedges.....	30 16
Dry Fountains, duty and charges.....	70 26
	\$2,425 68½

MONTHLY DISBURSEMENTS.

January.....	\$	
February.....		37 89
March.....		
April.....		14 26
May.....		134 21
June.....		
July.....		517 99½
August.....		314 27
September.....		377 48
October.....		791 83
November.....		49 10
December.....		188 65
		\$2,425 68½

WARD 1.

Statement showing Expenditure for Labor, Cartage and Material for Street Work executed during the year ending 31st December, 1881.

DR.

GENERAL REPAIRS THROUGHOUT THE
WARD.

To amount paid for labor	\$ 54 07	
" " cartage.....	31 31	
" " material.....	7 28	
		<u>\$ 92 66</u>

MORRIS STREET (Metalling, Raising Crossings, etc.)

To amount paid for labor.....	\$ 333 11	
" " cartage.....	231 54	
" " material.....	503 61	
		<u>1068 26</u>

SOUTH PARK STREET (Grading sidewalk, etc.)

To amount paid for labor.....	\$ 307 26	
" " cartage	289 72	
" " material.....	3 24	
		<u>600 22</u>

PLEASANT STREET (Repairs Sidewalk, Paving Gutter.)

To amount paid for labor.....	\$ 241 10	
" " cartage.....	168 88	
" " material.....	242 35	
		<u>652 33</u>

SOUTH STREET (Grading.)

To amount paid for labor.....	\$ 120 97	
" " cartage.....	65 41	
" " material.....		
		<u>186 38</u>

HOLLIS STREET (Repairs and Cleaning
Drain.)

To amount paid for labor.....	\$ 57 70	
“ “ cartage.....	30 24	
“ “ material.....	24 64	
		\$ 112 58

VICTORIA ROAD (Paving Gutter and
Building Catch-pit.)

To amount paid for labor.....	\$ 11 75	
“ “ cartage.....	5 40	
“ “ material.....	15 58	32 73

TOWER ROAD (Repairs Sidewalk.)

To amount paid for labor.....	\$ 179 90	
“ “ cartage.....	100 82	
“ “ material.....	85 68	
		366 40

BIRMINGHAM STREET (Building Catch-pit)

To amount paid for labor.....	\$ 11 67	
“ “ cartage.....	2 16	
“ “ material.....	8 58	
		22 41

CARLETON STREET (Repairs.)

To amount paid for labor.....	\$ 35 50	
“ “ cartage.....	27 00	
		62 50

SPRING GARDEN ROAD (Crossing, etc.)

To amount paid for labor.....	\$ 29 91	
“ “ cartage.....	8 37	
“ “ material.....	24 64	
		54 92

HENRY STREET (Repairs.)

To amount paid for labor.....	\$ 54 30	
“ “ cartage.....	12 60	
		66 90

EDWARD STREET (Repairs.)

To amount paid for labor.....	\$ 24 43	
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DRAINS (Sundry Repairs.)

To amount paid for labor.....	\$ 100 88	
“ “ cartage.....	2 88	
“ “ material.....	10 40	
		114 16

\$3,456 88

1881.	CR.	
Jan. 1.	By amount to credit	\$ 453 39
	" of appropriation	2300 00
	" "	625 00
		<u>\$3,378 39</u>
1882.		
Jan. 1.	To amount overdrawn	\$ 78 49

WARD 2.

Statement showing Expenditure for Labor, Cartage and Material for Street Work executed during the year , ending 31st December, 1881.

DR.

GENERAL REPAIRS THROUGHOUT THE
WARD.

To amount paid for labor	\$ 97 77
" " cartage	13 74
" " material	28 72
	<u>\$ 140 23</u>

SPRING GARDEN ROAD, (Repairs Sidewalk,
Raising Crossings, etc.)

To amount paid for labor	\$ 358 29
" " cartage	184 34
" " material	27 12
	<u>569 75</u>

JUBILEE ROAD, (Repairs.)

To amount paid for labor	\$ 156 05
" " cartage	53 46
" " material	
	<u>209 51</u>

BARRINGTON STREET, (Relaying Curb.)

To amount paid for labor	\$ 36 40
" " cartage	8 64
" " material	7 95
	<u>52 99</u>

LOUISBURG STREET, (Building Culvert.)

To amount paid for labor	\$ 24 50	
" " cartage	5 04	
" " material	13 20	
		\$ 42 74

GRAFTON STREET, (Curbing.)

To amount paid for labor	\$ 114 58	
" " cartage	6 84	
" " material	255 29	
		376 71

QUINPOOL ROAD, (Repairs.)

To amount paid for labor	\$ 122 17	
" " cartage	26 28	
		148 45

CARLTON STREET, (Forming Gutter.)

To amount paid for labor	\$ 12 75	
" " cartage	12 60	
		25 35

\$1,565 73

1881.

CR.

Jan. 1. By Balance	\$ 967 75	
By Amount of appropriation ..	1,525 00	
		\$2,492 75

1882.

Jan. 1. By amount to credit	\$927 02	
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WARD 3.

Statement showing Expenditure for Labor, Cartage and Material for Street Work executed during the year ending 31st December, 1881.

DR.

GENERAL REPAIRS THROUGHOUT THE

WARD.

To amount paid for labor	\$ 84 08	
" " cartage	18 26	
" " material	42 40	
		\$ 144 74

**ARGYLE STREET (Curbing, Paving Gutter,
etc.**

To amount paid for labor	\$ 43 23	
" " cartage	4 68	
" " material	108 56	
		<u>\$ 156 47</u>

**PRINCE STREET, (Curbing, Paving Gutter,
Repairs Sidewalk.)**

To amount paid for labor	\$ 97 60	
" " cartage	42 12	
" " material	360 43	
		<u>500 15</u>

GRAFTON STREET, (Repairs Sidewalk.)

To amount paid for labor	\$ 25 68	
" " cartage	32 22	
" " material	72	
		<u>58 62</u>

1881.

CR.

Jan. 1. By balance	\$ 68 22	
By amount of appropriation...	1225 00	
		<u>\$1,293 22</u>

1882.

Jan. 1. By Balance to credit	\$ 65 37	
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WARD 4.

*Statement showing Expenditure for Labor, Cartage and
Material for Street Work executed during the year
ending 31st December, 1881.*

DR.

**GENERAL REPAIRS THROUGHOUT THE
WARD.**

To amount paid for labor	\$ 12 13	
" " cartage	1 44	
" " material	2 96	
		<u>\$ 16 53</u>

WATER STREET (Relaying Curb, etc.)

To amount paid for labor.....	\$ 136 27	
" " cartage.....	70 20	
" " material.....	149 30	
	<u> </u>	\$ 355 77

ALBERMARLE STREET (Curbing.)

To amount paid for labor.....	\$ 108 44	
" " cartage.....	14 58	
" " material.....	188 21	
	<u> </u>	383 23

BARRINGTON STREET (Relaying Curb.)

To amount paid for labor.....	\$ 32 94	
" " cartage.....	10 80	
" " material.....	9 44	
	<u> </u>	53 18

NORTH PARK STREET (Repairs.)

To amount paid for cartage.....	\$ 27 57	
" " cartage.....	18 90	
	<u> </u>	46 47

\$855 18

1881.

Jan. 1. To amount overdrawn.....	32 51	
	<u> </u>	\$ 887 69

1881.

CR.

By amount of appropriation..\$ 12 25

1882.

Jan. 1. By balance to credit.....	\$ 337 31	
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WARD 5.

Statement showing Expenditure for Labor, Cartage and Material for Street Work executed during the year ending 31st December, 1881.

DR.

GENERAL REPAIRS THROUGHOUT THE WARD.

To amount paid for labor	\$ 41 61	
" " cartage	50 52	
" " material	23 52	
		<u>\$ 115 65</u>

NORTH STREET, (Excavating and Paving Gutter, Building Catch-Pits, etc.)

To amount paid for labor	\$ 409 98	
" " cartage	100 12	
" " material	205 46	
		<u>715 56</u>

COGSWELL STREET, (Curbing.)

To amount paid for labor	\$ 36 91	
" " cartage	9 74	
" " material	109 99	
		<u>156 64</u>

GOTTINGEN STREET, (Metalling Roadway, Repairs Sidewalk.)

To amount paid for labor	\$ 90 34	
" " cartage	170 22	
" " material	320 32	
		<u>580 88</u>

WATER STREET, (Relaying Brick Sidewalks, etc.)

To amount paid for labor	\$ 293 07	
" " cartage	75 55	
" " material	315 15	
		<u>683 77</u>

CREIGHTON STREET, (Paving Gutter, Repairs Sidewalk.)

To amount paid for labor	\$ 76 80	
" " cartage	18 52	
" " material	19 94	
		<u>115 26</u>

AGRICOLA STREET, (Repairs Sidewalk.)
 To amount paid for labor.....\$ 24 53
 " " cartage..... 19 80
 " " material..... 5 52
 _____ 49 85

CUNARD STREET, (Repairs Sidewalk.)
 To amount paid for labor.....\$ 21 30
 " " cartage..... 17 82
 " " material..... 10 08
 _____ 49 20

BRUNSWICK STREET, (Repairs Sidewalk.)
 To amount paid for labor.....\$ 42 55
 " " cartage..... 23 84
 " " material..... 9 84
 _____\$ 76 23

LOCKMAN STREET, (Metalling Roadway.)
 To amount paid for labor.....\$ 25 83
 " " cartage..... 113 96
 " " material..... 270 96
 _____ 410 75

MAYNARD STREET, (Repairs Sidewalk.)
 To amount paid for labor.....\$ 26 81
 " " cartage..... 33 04
 " " material..... 9 60
 _____ 69 45

WINDSOR STREET, (Repairs.)
 To amount paid for labor.....\$ 36 40
 " " cartage..... 16 38
 _____ 52 78

QUINPOOL ROAD, (Grading.)
 To amount paid for labor.....\$ 108 29
 " " cartage..... 18 18
 _____ 126 47

 \$3,202 49

1881.

CR.

Jan. 1. By Balance.....\$ 292 67
 By Appropriation..... 2,925 00
 _____\$3,217 67

1882.

Jan. 1. By Balance to Cash.....\$15 18

WARD 6.

Statement showing Expenditure for Labor, Cartage and Material for Street Work executed during the year ending 31st December, 1881.

DR.

GENERAL REPAIRS THROUGHOUT THE WARD.			
To amount paid for labor	.....	\$ 1 63	
“ “ cartage	.....	5 04	
“ “ material	.....	51 38	
			58 05
RUSSELL STREET (Grading and Paving Gutter.)			
To amount paid for labor	.....	\$ 637 76	
“ “ cartage	.....	105 96	
“ “	.....	1 50	
			745 22
CAMPBELL ROAD (Repairs Sidewalk.)			
To amount paid for labor	.....	\$ 360 60	
“ “ cartage	.....	210 06	
“ “ material	.....	221 24	
			792 20
WATER STREET (Repairs sidewalk, etc.)			
To amount paid for labor	.....	\$ 72 66	
“ “ cartage	.....	34 30	
“ “ material	.....	25 92	
			132 88
KAYE STREET (Repairs.)			
To amount paid for labor	.....	\$ 33 70	
“ “ cartage	.....	21 60	
			55 30
HANOVER STREET (Repairs.)			
To amount paid for labor	.....	\$ 19 61	
“ “ cartage	.....	5 40	
			25 01
VIETH STREET (Repairs.)			
To amount paid for labor	.....	\$ 18 47	
“ “ cartage	.....	44 25	
“ “ material	.....	119 07	
			181 79

NORTH RUSSELL STREET (Repairs.)

To amount paid for labor.....	\$ 13 50	
" " cartage.....	11 30	
		<u>24 80</u>

YOUNG STREET (Repairs.)

To amount paid for labor.....	\$ 216 13	
" " cartage.....	79 96	
" " material.....	81 17	
		<u>\$ 377 26</u>

RECTOR STREET (Repairs.)

To amount paid for labor.....	\$ 29 02	
" " cartage.....	10 80	
		<u>39 82</u>

NORTH STREET (Repairs Sidewalk, Building Catch-pit.)

To amount paid for labor.....	\$ 27 20	
" " cartage.....	32 16	
" " material.....	107 02	
		<u>166 38</u>

GOTTINGEN STREET (Repairs.)

To amount paid for labor.....	\$ 74 89	
" " cartage.....	32 40	
		<u>107 29</u>

NORTH WEST ARM ROAD (Repairs.)

To amount paid for labor.....	\$ 48 16	
" " cartage.....	16 00	
		<u>64 16</u>

ALMON STREET (Paving Gutter.)

To amount paid for labor.....	\$ 67 90	
" " cartage.....	36 18	
" " material.....	42 60	
		<u>146 68</u>

LOCKMAN STREET (Repairs Sidewalk.)

To amount paid for labor.....	\$ 65 02	
" " cartage.....	33 12	
" " material.....	9 50	
		<u>107 64</u>

BAYER'S ROAD (Repairs.)

To amount paid for labor.....	28 51	
-------------------------------	-------	--

\$3,053 09

1881.	CR.	
Jan. 1.	By balance	\$ 485 34
	By appropriation	2925 34
		<u> \$3410 34</u>
1882.		
Jan. 1.	By balance to credit.....	<u> \$ 357 25</u>

MISCELLANEOUS ACCOUNT STREETS.

*Statement showing Expenditure for Labor, Material etc.,
(not charged to Wards,) for the year ending
31st December, 1881.*

1881.	DR.	
To amount paid for Hardware and Tools, also material for supplying the differ- ent Wards, such as Gravel, Paving Stone, Road Metal, Granite Curbing and Crossing, and which is charged to their separate accounts when delivered.....		
		\$6133 46
		<u> \$6133 46</u>
1881.	CR.	
Jan. 1.	By Balance.....	\$2201 40
	By Appropriation.....	250 00
	By sundry credits for materials delivered to Wards.....	2488 71
	By Balance.....	1193 35
		<u> \$6133 46</u>
1882.		
Jan. 1.	To Balance.....	<u> \$1,193 35</u>

General Cash Account Streets.

1881.	DR.	
Dec. 31.	To amount expended during the year.	\$17,038 48
1881.	CR.	
Jan. 1.	By amount to credit....	\$ 4468 77
	By amount of Approp.....	13000 00
		<u> \$17,468 77</u>
1882.		
Jan. 1.	By Balance.....	<u> \$430 29</u>

Details of Streets Account.

1882.

Jan. 1.	Amount to credit for Ward 2..	\$ 927 02	
"	" " " 3..	65 37	
"	" " " 4..	327 31	
"	" " " 5..	15 18	
"	" " " 6..	357 25	
			\$1702 13
	Overdrawn by Ward 1.....	\$ 78 49	
	" Miscellaneous acct.	1193 35	
			1271 84
	Balance to credit of Streets account.....	\$430 29	

Monthly Cash Disbursements.

January.....	\$ 1,106 26
February.....	733 56
March.....	86 21
April.....	466 36
May.....	667 84
June.....	1,606 45
July.....	3,265 29
August.....	887 60
September.....	2,929 22
October.....	3,845 51
November.....	1,444 18
December.....	
	<u>\$17,038 48</u>

INTERNAL HEALTH.

Statement showing Expenditure upon the various services included under the above heading, also Monthly Cash Disbursements for year ending 31st December, 1881.

COST OF SERVICE.

Liming Gratings.....	\$	27	85
Watering Streets (days works).....		88	08
Cleaning " (days works).....		1,262	03
Watering " (Naylor).....		5,466	66
Spreading Ashes, etc.		48	90
Cleaning Gutters, Gratings and Catch-pits.....		1,180	38
Examining and Cleaning Sewers.....		156	94
Cleaning Snow round City Property	}	902	30
Removing Ashes from "			
General Work, keep of Horses, etc.			
Removal of Ashes (contract).....		1,560	00
Sundry Accounts.. ..		192	72
			<u>\$10,885 86</u>

MONTHLY DISBURSEMENTS.

January.....	\$	79	90
February.....		122	15
March.....		218	27
April.....		944	04
May.....		552	86
June.....		1,326	15
July.....		1,462	35
August.....		1,218	31
September.....		1,750	78
October.....		1,567	42
November.....		1,165	90
December.....		477	73
			<u>\$10,885 86</u>

SEWERAGE ACCOUNT.

Statement showing Expenditure on Sewerage Work for the year ending 31st December, 1881.

COST OF SERVICE.

Paid on account of construction of New Sewer			
Inglis Street.....	\$	425	62
			<u>\$425 62</u>

CITY PROPERTY.

*Statement showing Expenditure, also Monthly Cost Disbursements
for the year ending 31st December, 1881.*

COST OF SERVICE.

Sundry Repairs City Building	\$ 323 30
“ Central Engine House	16 98
“ No. 5 Engine House Spring Garden Road	34 17
Sundry Repairs No. 6 Engine House Queen Street	40 49
Sundry Repairs Gerrish Street Engine House	1 25
“ Engine House Gottingen Street	85
“ Exhibition Building	186 78
“ Offices Board of City Works	187 20
“ North End Slip	12 17
“ Fence Freshwater Lots	12 90
“ To Stores	61 68
Advertising	5 60
Fuel	78 55
Insurance	196 05
Keeper of City Clock	100 00
“ Exhibition Building	104 00
Hardware	75 54
Gas Oil Lamps	39 17
Miscellaneous	322 13
	<hr/>
	\$1,798 81

MONTHLY DISBURSEMENTS.

January	\$ 61 18
February	198 90
March	3 25
April	434 11
May	63 79
June	11 75
July	
August	
September	120 75
October	598 68
November	79 07
December	228 08
	<hr/>
	\$1,798 91

EXHIBITION FUND.

Statement showing Expenditure for Extension of Exhibition
Building during the year 1881.

DR.

To amount paid Mackintosh & McInnis on account contract Cattle Sheds, etc.....	\$2603 20
To amount paid William Brush on account contract Imple- ment Sheds, etc.....	4666 06
To amount paid for Labor in connection with Buildings, etc.....	626 44
To amount paid Inspector....	51 00
" " McDonald & Co	838 65
" " George Fraser, Agent, Roofing.....	120 00
To amount paid Sundry small Accounts.....	82 81
Balance.....	86 84
	<u>\$9,075 00</u>

CR.

Amount of Loan.....	\$6000 00
Amount of premium on do. @ $\frac{1}{4}$ per cent.....	75 00
Amount borrowed in accord- ance with resolution of City Council.....	3000 00
	<u>\$9,075 00</u>

1882.

Jan. 1. By Balance brought down.....\$86 84

Abstract Statement showing the Expenditure for each Service per month, with totals, for the years 1880 and 1881.

	January	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	1881.	1880.
Water Service, Maintenance Account.....	\$ 601 24	\$1226 00	\$ 674 22	\$ 845 15	\$ 706 53	\$ 291 67	1462 70	\$ 572 40	\$1153 60	\$1626 45	\$1257 42	\$1380 03	\$11,797 48	\$ 10,589 28
Water Service, Construction Account.....		37 89		14 26	134 21		517 99	314 27	377 48	791 83	49 10	188 65	2,425 68	3,343 92
Street Service.....	1106 26	733 56	86 21	466 36	667 84	1006 45	3625 29	887 00	2929 22	3845 51	1444 18		17,038 48	14,853 77
Internal Health.....	79 90	122 15	218 27	944 04	552 86	1326 15	1462 35	1218 31	1750 78	1567 42	1165 90	477 73	10,885 86	8,015 56
Sewerage.....													425 62	1,543 03
City Property.....	61 18	198 90	3 25	434 11	63 79	11 75			120 00	598 68	79 07	228 08	1,798 81	2,962 23
Exhibition Building Fund.....													9,075 00	1,986 36
													\$53,446 93	\$43,294 15

J. B. JOHNSTON,

Clerk of Works.

REPORT OF THE CHIEF OF POLICE

FOR THE YEAR 1888

Resolved that the Report be received and adopted and sent to the City Council for publication in the City Annual Report.

FIRE DEPARTMENT.

[*Extract Minutes of Board Fire Wards, October 14th, 1881.*]

Read Annual Report of Chairman. On motion it was Resolved that the Report be received and adopted, and sent to the City Council for publication in the Civic Annual Report.

[A true extract.]

R. L. SUTLIFFE,

Secretary Board Fire Wards.

CHAIRMAN OF FIRE WARDS REPORT.

HALIFAX, N. S., Oct. 14, 1882.

To the Board of Firewardens of the City of Halifax :

GENTLEMEN,—Permit me to present to the Board, this, my Annual Report, as Chairman of Fire Wards for the year ending October, 1881.

During the year nine miles of wire-string have been placed in position, the Boxes have been painted and varnished, and New Batteries in good condition.

No. 1 and 2 Steam Fire Engines have been re-fitted, and are at present in as good working order as when landed here about twenty years ago.

During the past Summer I have visited several cities throughout the Dominion, and was well received by the Chiefs of their Fire Department, and while thanking them for the kindness and courtesy extended me as Chairman of the Halifax Fire Department, I may say without under-estimating the efficiency of their Fire Departments, that Halifax is ahead of any that have been visited.

I here take the opportunity of returning sincere thanks to the various Insurance Companies who so kindly contributed towards the purchase of the self-controlling nozzles, which, since their introduction into the Department, have been the means of saving much valuable property.

During the coming Winter we will be called upon to request the City Council to supply the Department with 1,000 feet Rubber Hose for the Engine House at Islesville, as a new Division is about being organized in that vicinity.

Before concluding my Report for the year, I return my hearty thanks to the several members of the Board of Fire Wards for their earnest co-operation on all occasions during the period I have been in office. I also return thanks to Capt. Shepherd, his officers and men of the Union Engine Company, also to Capt. Taylor, his officers and men of the Union Protection Company for their various co-operation and assistance on all occasions, and also to Capt. Hurley, his officers and men of the Union Axe Company.

I remain yours sincerely,

JOHN EAD,

Chairman Fire Wards.

List of Fires for the year ending October, 1881.

1880.

- Oct. 9. Box 41—"Herald" Office, Granville street; damage slight.
- Oct. 19. Box 28—House Campbell road, lately used as City Railway Office, occupied by N. Glennon; totally destroyed.
- Oct. 19. Box 28—House Campbell road, lately used as City Railway Office, occupied by N. Glennon; breaking out second time.
- Oct. 22. Box 28—Barn Young street, owned by Joseph Kaye; totally destroyed.
- Nov. 1. Box 28—Barn Russell street; slightly damaged.
24. Box 25—Two Houses, corner Walnut & Chestnut streets, owned by H. K. S. Neal; totally destroyed.
30. Box 24—House Cunard street, owned by John Murphy; slightly damaged.
- Dec. 2. Box 5—House Chebucto street, owned by John Veriker; totally destroyed.
18. Box 18—Tailor shop, Brunswick street, occupied by Davidson & Pickering; damaged badly.
11. Box 7—Tannery, South street, owned by J. F. Crowe & Co.; totally destroyed.
19. Box 16—City Building; slightly damaged.
20. Box 18—Commercial Buildings, Lockman street, owned by Lawson estate; damage slight.
28. Box 25—House Maple street, owned by William Horton; totally destroyed.

1881.

- Jan. 4. A cottage at N. W. Arm, owned by J. M. Chisholm; totally destroyed.
10. Box 41—Building Prince street, owned by Studly estate; slightly damaged.
11. Box 27—6 dwellings on Duffus street, occupied by tenants; totally destroyed.
21. Box 21—House and shop corner Creighton and Falkland streets, owned by Thompson and Bullock; slightly damaged.

- Feb. 4. Box 16—Barque in the Harbor owned by Gastonguay and others; slightly damaged.
11. Box 35—Corn mill Hamilton's wharf, owned by S. A. White & Co.; badly damaged.
- Mar. 6. Box 16—Caledonia Hotel Water street, owned by E. G. & C. Stayner; damage slight.
19. Box 25—Two dwellings Cedar street, owned by J. Houlett and W. McNaughton; totally destroyed.
20. Box 24—Deaf & Dumb Institution, Gottingen street; damage slight.
29. Box 26—House Gottingen street, owned by Geo. Philips; damage slight.
30. Box 13—Boarding house, occupied by Thomas Symonds, Hollis street; damage slight.
- Apl. 2. Box 3.—House Grafton street, owned by John Walk; damage slight.
5. Box 21—False alarm
5. Box 35—Rodger's Tinshop, between Water and Lockman streets; damage slight.
10. Box 21—House Gottingen street, owned by Est. Irwin; damage slight.
14. Box 34—Chimney of house owned by P. Godfrey on Lockman street.
16. Box 26—Two houses on Bilby street owned by P. Dillon; badly damaged.
- May 4. Box 4.—Building on Annandale street owned by John Murphy; slightly damaged.
- June 7. Box 26—House Maccara road owned by P. Hurley; totally destroyed.
12. Box 16—Tug Boat at Butler's wharf; damage slight.
19. Box 17—False alarm.
20. Box 25—Barn on Quinpool road; damage slight.
22. Box 35—McCaffrey's cooperage, Upper Water street; damage slight.
26. Box 25—House on Swaine street owned by Ald. Woodill; totally destroyed.
- July 16. Box 26—Catholic Orphanage, Gottingen street; badly damaged.

18. Box 23—House Gottingen street, owned by Mr. Evans; damage slight.
- Aug. 13. Box 18—J. K. Munnis, tailor shop, Water street; damage slight.
17. Box 41—R. Uniacke's building, Barrington street; damage slight.
23. Box 26—House Three mile house road, owned by G. P. Henry; totally destroyed.
- Sept. 8. Box 3—G. E. Smith & Co. store, Lockman street; damage slight.
- Total—43 alarms.

=====
List of Apparatus, October, 1881.

There is at present the following apparatus and fixings in the use of the Department:

- Three (3) Steam Fire Engines.
- Two (2) Hand Fire Engines.
- Eighteen (18) Hose Carriages.
- Eighty (80) lengths, equal to 4,000 feet, of Rubber Hose.
- Seventy-two (72) lengths, equal to 3,500 feet, of Leather Hose.
- Eight (8) lengths of Rubber Suction Hose, equal to 75 ft. 50 feet of which is new.
- Six (6) Ladder Carts.
- Twenty-nine (29) Ladders of sundry lengths.
- One (1) Fire Extension Ladder.
- One (1) Patent Hose Oiler.
- Five (5) Grapnels and Chains.
- One (1) Hose Sled.
- Two (2) Fuel Carts.

The above are located as follows:—

CENTRAL ENGINE HOUSE.

- One (1) Steam Fire Engine, "Victoria," No. 1.
- Steamer's Hose Reel "Albert," No. 1, Ten lengths of Rubber Hose.
- No. 1 Hose Reel "Salamander," Ten lengths of Rubber Hose.

- No. 2 Hose Reel "Vista," Ten lengths of Rubber Hose.
 Two (2) spare Reels, containing 12 lengths of Leather
 Hose.
 Two (2) Ladder Carts, Eleven Ladders.
 One (1) Patent Extension Ladder.
 Two (2) Grapnels and Chains.
 One (1) Fuel Cart.
 One (1) Patent Hose Oiler.
 One (1) Hose Sled.

GERRISH STREET ENGINE HOUSE.

- One (1) Steam Fire Engine, "Albert," No. 2.
 Steamer's Hose Reel "Emerald," No. 2, Ten lengths
 Rubber Hose.
 No. 4 Hose Reel "Resolute," Ten lengths Rubber Hose.
 One (1) Spare Hose Reel, " " Leather Hose.
 One (1) Ladder Cart, 6 Ladders.
 One (1) Grapnel and Chain.
 One (1) Fuel Cart.

QUINPOOL ROAD ENGINE HOUSE.

- One (1) Hose Reel "Perseverance," No. 7, Ten lengths
 Rubber Hose.

SPRING GARDEN ROAD ENGINE HOUSE.

- One (1) Hand Fire Engine "Alma," No. 5.
 One (1) Hose Reel "Mayflower," No. 5, Ten lengths
 Rubber Hose.
 One (1) Ladder Cart, 5 Ladders.
 One (1) Grapnel and Chain.

QUEEN STREET ENGINE HOUSE.

- One (1) Steam Fire Engine "Chebucto," No. 3.
 One (1) Hose Reel "Alma," No. 6, Ten lengths Rubber
 Hose.
 One (1) Hose Reel, Ten lengths Leather Hose.

ISLESVILLE ENGINE HOUSE.

- One (1) Hand Fire Engine "Ætna," No. 5, (Not in work-
 ing order.)
 One (1) Hose Reel containing 10 lengths Leather Hose.
 One (1) Ladder Cart, 5 Ladders.
 One (1) Grapnel and Chain.

REEL HOUSE UPPER WATER STREET.

One (1) Hose Reel, Ten lengths Leather Hose.

REEL HOUSE LOWER WATER STREET.

One (1) Hose Reel, Ten lengths Leather Hose.

REEL HOUSE LOCKMAN STREET.

One (1) Hose Reel, Ten lengths Leather Hose.

REEL HOUSE PLEASANT STREET.

One (1) Hose Reel, Ten lengths Leather.

JOHN EAD,

Chairman.

CEMETERY COMMITTEE'S REPORT.

HALIFAX, N. S., Dec. 1st, 1881.

*To His Worship the Mayor and Members of the City
Council of Halifax :*

The Committee of Camp Hill Cemetery have the honor to submit the within as their Report for the civic year ending the 30th September, 1881, together with a statement of the receipts and expenditures; also a Register showing the number of interments, religious denominations, etc.

The Committee during the past year have had quite a quantity of earth carted into the Cemetery, and considerable filling and grading performed on the new ground; also, caused the removal of a number of forest trees, totally unsuited for a Cemetery, and have had the remaining ones renovated and pruned, so as to give them a pleasing and more suitable appearance. From the financial statement appended hereto, you will perceive that a balance of \$2,482.69 stands to the credit of the Cemetery, without taking into account the amount of interest accrued on special deposit in bank.

There were nine hundred and twenty-eight lots remaining unsold in Camp Hill Cemetery on September 19th, 1881, exclusive of the space reserved in the centre of the Cemetery.

All of which is respectfully submitted.

THOMAS CLAY,

Chairman

*Number of Interments in Camp Hill Cemetery for the year
ending 30th September, 1881.*

1880.

October.....	23
November.....	19
December.....	22

1881.

January.....	26
February.....	22
March.....	32
April.....	31
May.....	21
June.....	23
July.....	12
August.....	29
September.....	17

Total.....277

*Abstract of Interments in Camp Hill Cemetery for the
year ending 30th September, 1881.*

Male Adults.....	66
Female Adults.....	76
Males under 10 years.....	73
Females under 10 years.....	62

Total.....277

Religious Denominations.

Episcopalians.....	113
Presbyterians.....	58
Wesleyans.....	52
Baptists.....	34
Universalists.....	3
Plymouth Brethern.....	3
Unknown.....	14

Total.....277

*Statement of Expenditure and Receipts for Cemetery from
1st October, 1880, to 1st October, 1881.*

1880.		DR.	
Oct. 1.	To George Price, labor.....	\$	13 00
	James Hutton, labor.....		24 40
	W. Murray, repairing tools.....		11 89
	John Taylor " ".....		90
	Muirhead & Co., for pump.....		9 34
	A. M. Bell, tools, etc.....		2 05
30.	Saunders & Barron, for earth.....		29 55
Nov. 28.	Labor.....		17 70
1881.			
May 15.	James Hutton, labor.....		21 30
30.	" ".....		14 70
June 1.	A. M. Bell, tools.....		1 04
	James Hutton, labor.....		10 00
July 17.	" ".....		24 00
Aug. 6.	" ".....		25 00
Sept. 1.	" ".....		22 00
	Balance below.....		2482 69
			<u>\$2709 56</u>

1880.		CR.	
Oct. 1.	By Balance per account.....	\$2293	56
Dec. 31.	Lots sold to date.....	160	00
1881.			
Apr. 30.	Lots sold to date.....	96	00
Sept. 30.	" ".....	160	00
			<u>\$2709 56</u>

1881.			
Oct. 1.	By Balance brought down.....	\$2482	69

REPORT OF OIL LAMPS COMMITTEE.

In accordance with a resolution contained in Minutes of Council, dated March 22nd, 1882, the Committee on Oil Lamps for year 1880 and 1881, reports as follows:

The contract for lighting and keeping in repair the several Oil Lamps in the City of Halifax was awarded to John Egan, his tender being \$997.00. As far as the Committee is aware Mr. Egan's duties have been satisfactorily performed.

There have been Two Oil Lamps erected during the year; one on corner of Pryor Street and Jubilee Road, and one on Robie Street.

GEORGE MCLELLAN,

Chairman.

CITY CLERK'S REPORT.

OFFICE OF CITY CLERK,

Halifax, April 19th, 1882.

To His Worship the Mayor and City Council:

At your request I have the honor to submit the following Annual Report of the amount of Fines imposed and Fees exacted in Police and City Courts from the 1st October, 1880, to 30th September, 1881, with a general summary of the amounts collected from 1st May, 1880, to 30th April, 1881.

I have the honor to be,

Gentlemen,

Your obedient servant,

THOMAS RHIND,

City Clerk.